

Irrigation & Industrial Pumps



FPS



4" High Capacity 35, 45, 60 & 90 GPM Models

PAGE: SP-50

DATE: Feb 5, 2007



FPS 4400

Features:

- 4 performance ranges - 35, 45, 60 & 90 GPM.
- Stainless steel discharge head and motor bracket.
- High flow impellers and stages are glass-filled Noryl® for maximum efficiency.
- Ceramic shaft sleeve and rubber discharge bearing eliminates sand wear.
- Intermediate bearing for increased shaft stability.
- Floating eye and hub seals for improved performance and efficiency.
- Stainless steel hex pump shaft, shell and shaft coupling.
- High capacity upthrust assembly for protection during start-up and operation (45, 60 and 90 GPM models).
- Powered by Franklin's corrosion-resistant 4" submersible motors.
- 2" NPT Discharge.
- Check valve must be ordered separately.

* Noryl® is a Registered Trademark of G.E.

Model Number Explanation

Example: 60FA10S4-PE

- 60 = GPM
- FA = FPS Series
- 10 = 10 HP
- S = Stainless
- 4 = 4" Submersible
- PE = Pump End

Submersible Pumps

4" High Capacity 35-90 GPM Stainless Steel

Ordering Information

1 - 10 HP 4" Pump Ends								
GPM	HP	Stages	Ordering Info.			Dimensions		Wt.
			Old Model No.	New Model No.	Order No.	Shell	PEA	
35	1	6	F4P35X6	35FA1S4-PE	93613506	11.10	15.00	9
	1.5	8	F4P35X8	35FA15S4-PE	93613508	13.60	17.50	10
	2	10	F4P35X10	35FA2S4-PE	93613510	16.10	20.00	11
	3	14	F4P35X14	35FA3S4-PE	93613514	21.10	25.00	13
	5	22	F4P35X22	35FA5S4-PE	93613522	31.10	35.00	17
45	1.5	6	F4P45X6	45FA15S4-PE	93614506	17.10	21.00	15
	2	8	F4P45X8	45FA2S4-PE	93614508	21.60	25.50	16
	3	11	F4P45X11	45FA3S4-PE	93614511	28.35	32.25	19
	5	18	F4P45X18	45FA5S4-PE	93614518	43.85	47.75	25
	7.5	26	F4P45X26	45FA7S4-PE	93614526	61.35	65.25	33
60	2	6	F4P60X6	60FA2S4-PE	93616006	17.10	21.00	15
	3	8	F4P60X8	60FA3S4-PE	93616008	21.60	25.50	17
	5	13	F4P60X13	60FA5S4-PE	93616013	32.85	36.75	21
	7.5	17	F4P60X17	60FA7S4-PE	93616017	41.35	45.25	25
	10	24	F4P60X24	60FA10S4-PE	93616024	57.10	61.00	31
90	2	5	F4P90X5	90FA2S4-PE	93919005	18.66	22.56	15
	3	7	F4P90X7	90FA3S4-PE	93619007	24.66	28.56	17
	5	12	F4P90X12	90FA5S4-PE	93619012	39.66	43.56	21
	7.5	19	F4P90X19	90FA7S4-PE	93619019	60.60	64.50	27

Notes: All dimensions are in inches. Discharge is 2" NPT. Maximum diameter across cable guard is 3.90" on all models. Weight in pounds.

1 - 1.5 HP Single-Phase Units											
GPM	HP	Stages	Volts	2-Wire				3-Wire			
				Old Model No.	New Model No.	Order No.	Wt.	Old Model No.	New Model No.	Order No.	Wt.
35	1	6	230	T1F4P35X6-S2	35FA1S4-2W230	93613606	33	1F4P35X6-S2	35FA1S4-3W230	93613706	33
	1.5	8	230	T15F4P35X8-S2	35FA15S4-2W230	93613608	41	15F4P35X8-S2	35FA15S4-3W230	93613708	39
45	1.5	6	230	T15F4P45X6-S2	45FA15S4-2W230	93614606	46	15F4P45X6-S2	45FA15S4-3W230	93614706	44

Notes: All listed above have 2" NPT discharge. Order check valve separately. Pump and motor will be individually cartoned and require assembly.



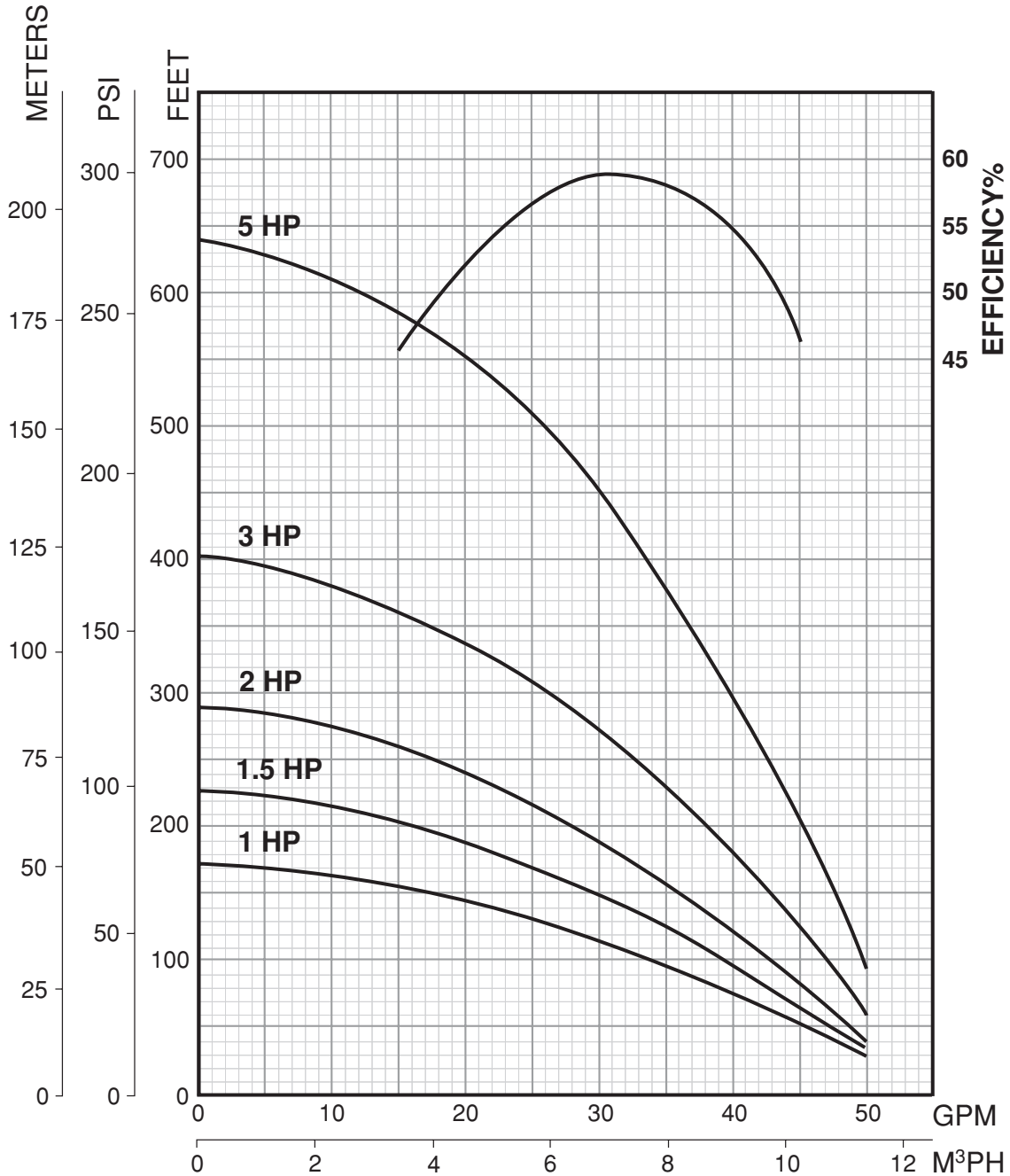
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

4" High Capacity 35 GPM Performance Curves

PAGE: SP-55

DATE: Feb 5, 2007



Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" High Capacity 35 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																							
		20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600
1	0	-	48	44	39	34	28	21	11																
	20	42	37	32	26	18	7																		
	30	36	31	25																					
	40	30	24	15																					
	50	23	14																						
	60	12																							
	70																								
	80																								
Shut-off PSI		65	57	48	39	31	22	13	5																
1.5	0	-	49	46	43	40	36	32	27	22	16	8													
	20	45	42	39	35	31	26	20	14																
	30	41	38	34	30	25	20	13																	
	40	37	33	29	24	18	11																		
	50	33	29	24	18	10																			
	60	28	23	17	9																				
	70	22	16	7																					
	80	14	3																						
Shut-off PSI		89	81	72	63	54	46	37	28	20	11	2													
2	0	-	50	48	45	43	40	37	34	31	28	24	19	14	7										
	20	47	45	42	39	36	33	30	27	22	18	13	3												
	30	44	41	39	36	33	30	26	22	17	12														
	40	41	38	35	32	29	25	21	16	10															
	50	38	35	32	29	25	20	16	9																
	60	35	31	28	24	20	15	8																	
	70	31	27	23	19	14	6																		
	80	27	23	18	13	4																			
Shut-off PSI		116	107	99	90	81	73	64	55	47	38	29	21	12	3										
3	0	-	-	50	48	47	46	44	42	39	37	35	33	31	28	26	23	19	15	10					
	20	49	48	47	45	43	41	39	37	35	33	30	28	25	22	18	14	8							
	30	48	46	45	43	41	39	37	35	32	30	27	25	21	17	13	7								
	40	46	44	42	40	38	36	34	32	29	27	24	20	17	12	5									
	50	44	42	40	38	36	34	31	29	26	24	20	16	12	4										
	60	42	40	38	36	33	31	29	26	23	19	15	11	2											
	70	39	37	35	33	31	28	26	22	19	15	10													
	80	37	35	33	30	28	25	22	18	14	9														
Shut-off PSI		165	156	148	139	130	122	113	104	96	87	78	70	61	52	44	35	26	18	9					
5	0	-	-	-	50	49	48	47	46	45	44	43	42	40	39	38	37	36	34	33	30	25	20	12	
	20	-	-	49	48	48	47	46	45	44	42	41	40	39	38	36	35	34	33	32	30	26	20	13	
	30	-	49	48	47	46	45	44	43	42	41	40	39	38	36	35	34	33	31	30	28	23	17	8	
	40	49	48	47	46	45	44	43	42	41	40	39	37	36	35	34	32	31	30	28	26	21	13		
	50	48	47	46	45	44	43	42	41	40	38	37	36	35	33	32	31	30	28	26	24	18	9		
	60	47	46	45	44	43	42	41	39	38	37	36	34	33	32	31	29	28	26	24	21	14			
	70	46	45	44	43	42	40	39	38	37	35	34	33	32	31	29	27	25	23	21	18	10			
	80	45	44	42	41	40	39	38	36	35	34	33	32	30	29	27	25	23	20	18	15	3			
Shut-off PSI		268	259	251	242	233	225	216	207	199	190	181	173	164	155	147	138	129	121	112	103	82	60	38	17



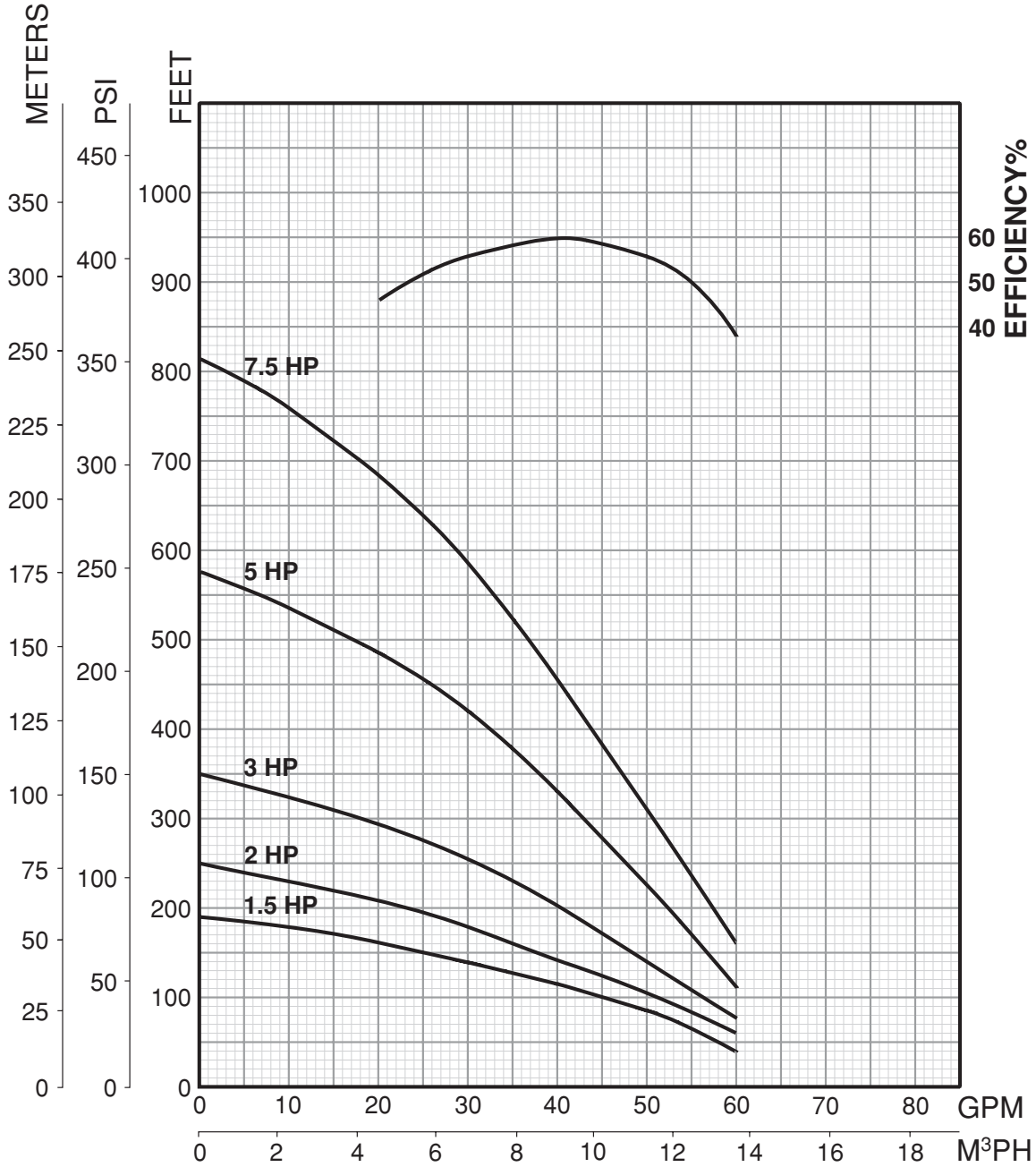
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

4" High Capacity 45 GPM Performance Curves

PAGE: SP-60

DATE: Feb 5, 2007



- Notes:**
1. Performance shown does not include friction loss in the drop pipe.
 2. All performance data is based on rated motor nameplate voltage.
 3. Performance for former XP models are the same as 45 gpm models.

Submersible Pumps

4" High Capacity 45 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																		
		20	40	60	80	100	120	140	160	180	200	240	260	280	300	320	340	360	380	400
1.5	0	68	62	57	52	46	39	31												
	10	62	56	51	45	38	29	19												
	20	55	50	44	36	28	17	5												
	30	49	42	35	26	16	3													
	40	41	34	25	14															
	50	33	23	12																
	60	22	10																	
Shut-off PSI		74	65	56	48	39	30	22	13	4										
2	0	71	65	60	56	52	48	44	40	35	29									
	10	64	59	55	51	48	44	40	34	28	20									
	20	58	54	51	47	43	39	33	27	19	9									
	30	54	50	47	43	38	32	26	17	7										
	40	50	46	42	37	32	24	16	5											
	50	45	41	36	31	23	14	3												
	60	41	36	29	22	13	1.5													
Shut-off PSI		104	95	87	78	69	61	52	43	35	26	9								
3	0	72	68	65	62	59	56	53	50	47	43	36	31	26	20					
	10	68	64	61	58	55	52	49	46	43	39	30	25	19	12					
	20	64	61	58	55	52	49	46	42	38	34	24								
	30	60	57	54	52	48	45	42	38	34	29	17								
	40	57	54	51	48	45	41	37	33	28	22	16								
	50	54	51	47	44	41	37	32	27	21	15									
	60	50	47	44	40	36	31	26	20	14										
	70	46	43	39	35	31	25	19	13											
	80	43	39	35	30	24	18	12												
	90	38	34	29	24	18	11													
100	33	28	23	16	9															
Shut-off PSI		143	134	126	117	108	100	91	82	74	65	48	39	30	22	13	4			
5	0	-	-	69	66	63	61	59	57	55	53	50	48	46	44	42	40	38	36	33
	20	68	65	63	60	57	56	54	52	51	49	46	44	42	40	38	35	32	29	26
	40	62	60	57	56	54	52	50	48	48	47	45	39	37	34	32	28	25	21	
	60	57	55	51	51	50	48	46	44	43	41	36	33	31	27	24	20	16		
	80	53	51	49	47	46	44	42	40	38	35	30	26	23	19					
	100	49	47	45	43	41	39	37	34	32	29	25	18							
	120	45	43	41	39	36	34	31	28	24	20	16								
	140	40	38	35	33	30	27	23	19											
	160	35	32	29	26	22	18													
	170	31	28	25	21	17														
Shut-off PSI		236	227	219	210	201	193	184	175	167	158	141	132	123	115	106	97	89	80	71
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																		
		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
7.5	0	-	-	-	57	54	50	47	44	40	36	32	28	24	18	11	3			
	20	-	-	57	54	50	47	44	40	36	32	28	24	18	11	3				
	40	-	58	54	51	48	45	41	37	33	29	24	18	12	5					
	60	58	55	52	48	45	41	37	33	29	25	19	12	5						
	80	55	52	48	45	41	37	33	29	25	19	12	5							
	100	52	48	45	42	38	34	30	25	20	14	6								
	120	49	45	42	38	34	30	25	21	14	7									
	140	45	42	38	35	30	26	21	15	7										
	160	42	39	35	31	26	21	15	8											
	180	39	35	31	27	22	16	8												
	200	35	31	27	22	16	9													
	220	32	27	22	17	10														
Shut-off PSI		331	310	288	266	245	223	201	180	158	136	115	93	71	50	28	6			

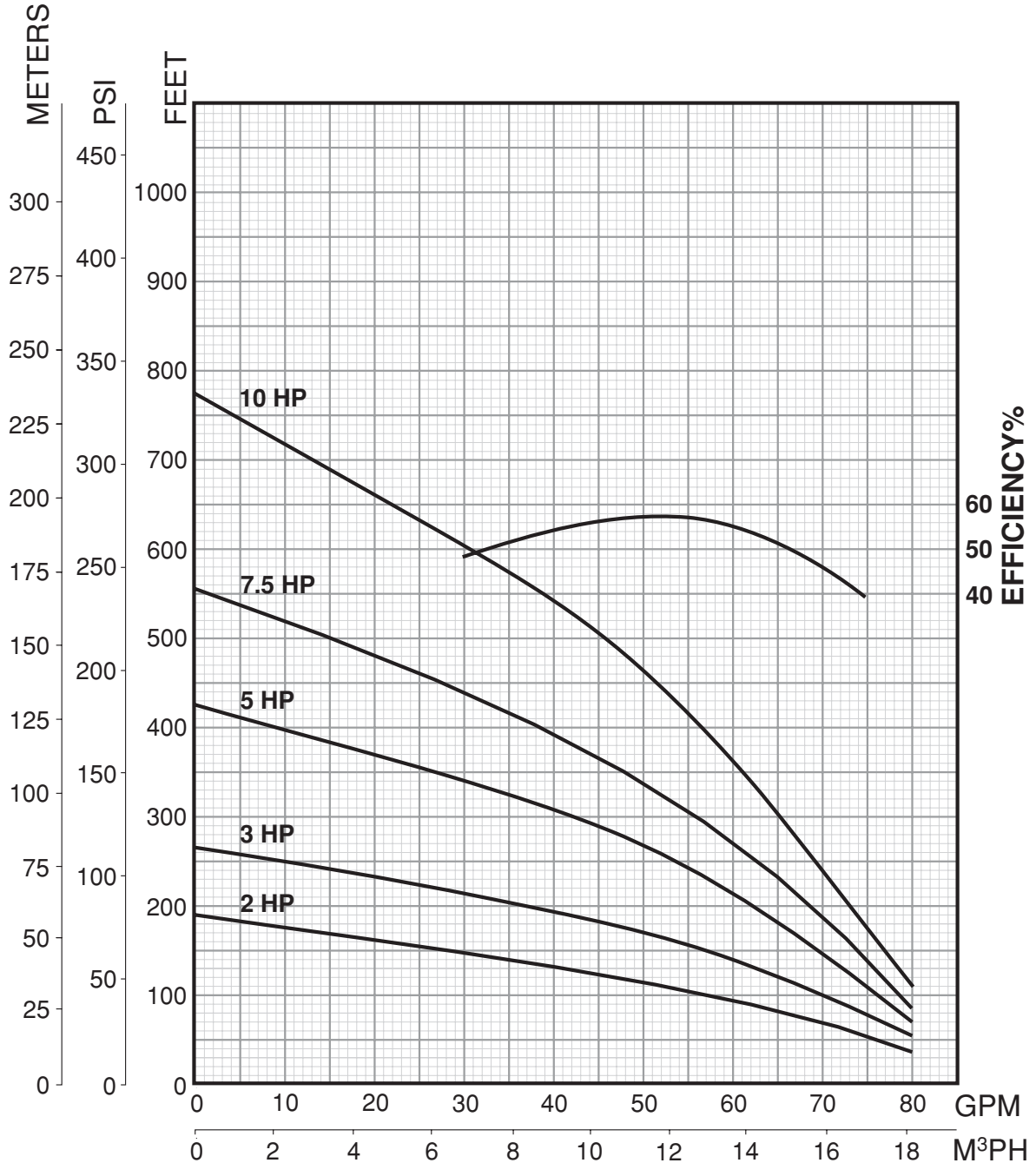


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

4" High Capacity 60 GPM Performance Curves

PAGE: SP-65
DATE: Feb 5, 2007



- Notes:**
1. Performance shown does not include friction loss in the drop pipe.
 2. All performance data is based on rated motor nameplate voltage.
 3. Performance for former YP models are the same as 60 gpm models.

Submersible Pumps

4" High Capacity 60 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																	
		Shaded Areas Indicate Most Efficient Performance																	
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
2	0	87	84	81	78	75	72	69	66	62	58	54	49						
	10	80	77	74	71	68	65	61	57	52	47	42	36						
	20	74	70	67	64	60	56	51	46	40	34	26	18						
	30	66	63	59	54	49	44	38	31	24	16								
	40	57	53	48	42	36	29	21	13										
	50	46	40	34	27	19													
	60	32	24	16															
Shut-off PSI		74	69	65	61	56	52	48	43	39	30	26	22	17	13	9	4		
3	0	90	87	85	83	81	79	76	74	72	70	67	65	62	59	56	53	49	
	10	84	82	80	78	76	74	71	69	67	64	61	58	55	51	47	43	38	
	20	79	77	75	73	71	68	66	63	60	57	54	50	46	42	37	32	26	
	30	74	72	70	68	65	59	56	53	49	45	40	35	30	24				
	40	69	67	64	62	58	55	52	48	43	39	34	28	22					
	50	63	61	58	54	50	46	42	37	32	26								
	60	56	63	49	45	41	36	30	24										
Shut-off PSI		108	104	100	95	91	87	82	78	74	69	65	61	56	52	48	43	39	
HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	
5	0	85	85	80	80	75	75	70	70	65	65	60	55	50	45	45	35	30	
	10	85	80	80	75	75	70	70	65	60	60	55	50	45	40	35	30	25	
	20	80	80	75	75	70	70	65	60	60	55	50	45	40	35	30	25	15	
	30	80	75	75	70	65	65	60	60	55	50	45	40	35	30	20	15	5	
	40	75	70	70	65	65	60	55	55	50	45	40	35	30	25	10	5		
	50	70	70	65	65	60	55	55	50	45	40	35	25	25	10	5			
	60	70	65	65	60	55	50	50	45	40	30	25	20	10	5				
	70	65	60	60	55	50	45	40	35	30	25	15	10						
	80	60	60	55	50	45	40	35	30	25	15	10							
	90	60	55	50	45	40	35	30	20	15	5								
	100	55	50	45	40	35	30	20	15	5									
Shut-off PSI		173	165	156	147	139	130	121	113	104	95	87	78	69	61	52	43	35	
HP	PSI	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	
7.5	0	-	78	73	68	63	56	49	40	28	15	2							
	20	78	73	68	63	56	49	40	28	15	2								
	40	75	69	64	58	50	41	30	18	3									
	60	70	64	58	50	42	31	18	4										
	80	65	59	51	43	32	19	5											
	100	59	52	43	32	20	6												
	120	52	44	33	21	8													
	140	44	34	21	8														
160	35	22	9																
Shut-off PSI		221	199	177	156	134	113	91	69	48	26	4							
10	0	-	-	75	72	69	65	61	56	51	45	38	30	21	13	4			
	20	-	75	72	69	65	61	56	51	46	38	31	22	14	5				
	40	75	72	69	65	61	56	51	45	39	31	22	14	5					
	60	73	69	66	62	57	52	47	40	32	24	15	6						
	80	70	66	62	57	52	47	40	32	24	15	6							
	100	66	62	58	53	48	41	34	25	16	7								
	120	63	58	53	48	41	34	25	16	8									
	140	58	53	48	42	34	26	17	8										
160	54	49	43	35	27	18	9												
Shut-off PSI		312	290	269	247	225	204	182	161	139	117	96	74	52	31	9			

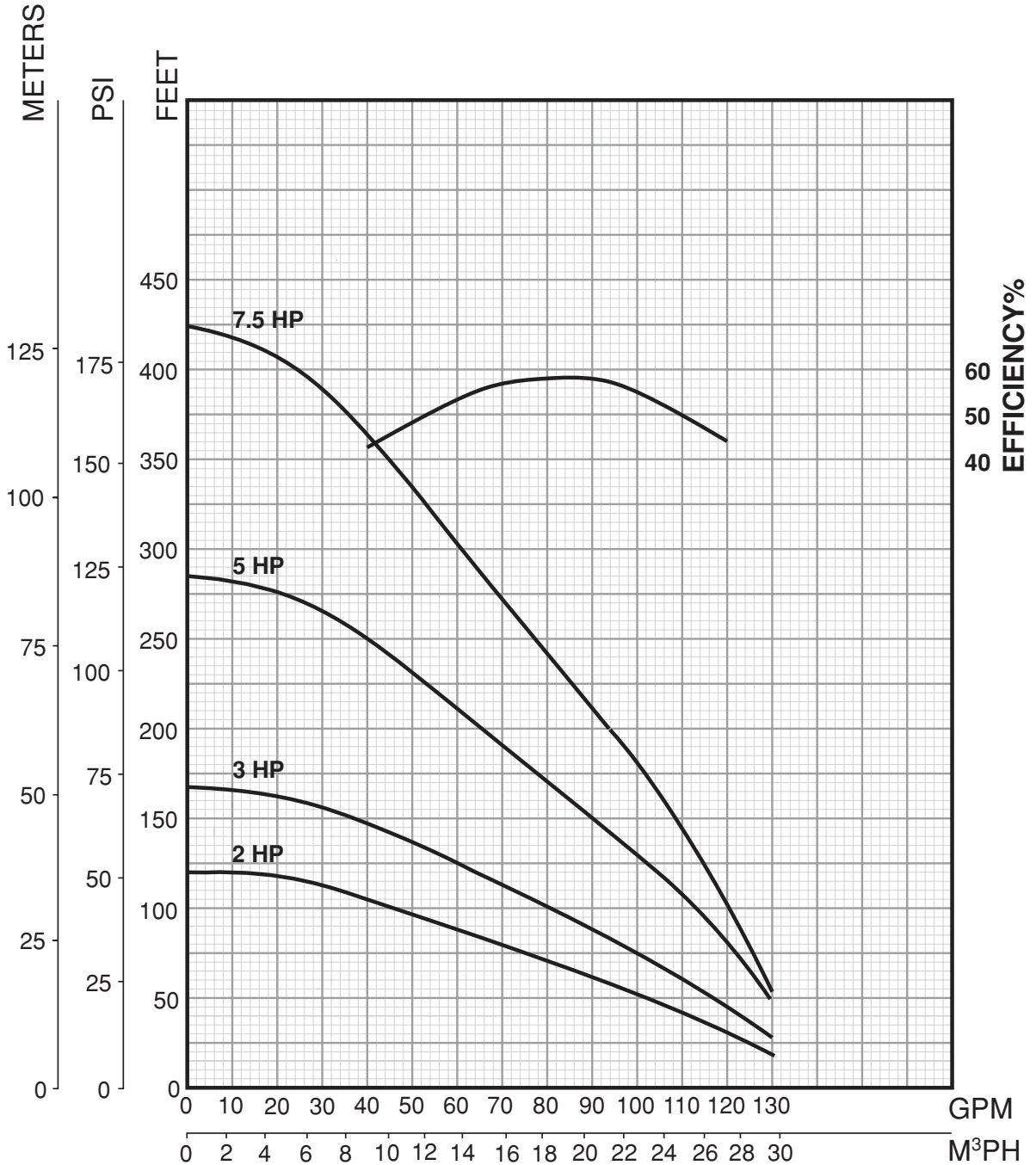


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

4" High Capacity 90 GPM Performance Curves

PAGE: SP-70
DATE: Feb 5, 2007



Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" High Capacity 90 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet Shaded Areas Indicate Most Efficient Performance																	
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
2	0	130	120	110	100	90	80	70	60	45	30	10							
	10	105	100	90	80	70	55	40	20										
	20	85	75	65	50	35	15												
	30	60	45	30	10														
	40	25	5																
Shut-off PSI		43	39	35	30	26	22	17	13	9	4								
		Shut-off 120 ft																	
3	0	140	130	120	115	105	100	95	90	80	75	65	55	45	30	15			
	10	120	110	105	100	95	85	80	70	65	55	40	25	10					
	20	105	95	90	85	80	70	60	50	35	20	54							
	30	90	80	75	65	55	45	35	15										
	40	75	65	55	40	30	10												
	50	50	40	25	5														
60	20																		
Shut-off PSI		64	59	55	51	46	42	38	33	29	25	20	16	12	7	3			
		Shut-off 167 ft																	
HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	
5	0	145	135	125	120	110	105	95	85	80	70	55	45	30	10				
	10	135	125	115	110	100	95	85	75	65	55	40	25	10					
	20	125	115	110	100	95	85	75	65	55	40	25	5						
	30	115	105	100	90	85	75	65	50	40	20	5							
	40	105	100	90	80	70	60	50	35	20									
	50	95	90	80	70	60	45	35	15										
	60	90	80	70	60	45	30	15											
	70	80	70	55	45	30	10												
	80	65	55	40	25	5													
	90	50	40	25	5														
100	35	20																	
Shut-off PSI		115	106	97	89	80	71	63	54	45	37	28	19	11	2				
		Shut-off 285 ft																	
HP	PSI	20	50	80	110	140	170	200	230	260	290	320	350	380	410	440	470	500	
7.5	0	140	135	125	115	110	100	95	85	75	65	55	45	30	15				
	20	130	120	110	105	95	90	80	70	60	50	35	20	5					
	30	120	115	105	100	90	85	75	65	55	40	25	10						
	40	115	110	100	95	85	75	65	55	45	30	10							
	50	110	105	95	85	80	70	60	45	30	15								
	60	105	95	90	80	70	60	50	35	20	5								
	80	95	85	75	65	55	40	25	10										
	100	80	70	60	50	35	20												
	120	65	55	40	25	10													
	140	45	35	20															
160	25	10																	
Shut-off PSI		175	162	149	136	123	110	97	84	71	58	45	32	19	6				
		Shut-off 425 ft																	



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

6" High Capacity 50 - 125 GPM

PAGE: SP-100
DATE: Mar 31, 2008



FPS4400

Features:

- Heavy-duty stainless steel discharge head and motor bracket.
- Stainless steel shaft, shell, intake screen and cable shield for corrosion resistance and longer life.
- Stainless steel wear ring and Urethane floating eye seal for improved performance and efficiency.
- Glass-filled Noryl[®] impeller stage assemblies provide incredible strength and durability.
- Ceramic shaft sleeve and rubber discharge bearing minimizes bearing wear and shaft misalignment without affecting pump efficiency.
- 3" NPT tapping in heavy-duty stainless steel discharge head.
- Fastener kit supplied for both 4" and 6" motors enabling 5-10 hp units to be mounted to either a 4" or 6" submersible motor.
- One year unconditional warranty against failure from sand locking in abrasive well conditions.

* Noryl[®] is a Registered Trademark of G.E.

Model Number Explanation

Example: 50FA15S6-PE

- 50 = GPM
- FA = FPS Series
- 15 = 1.5 HP
- S = Stainless
- 6 = 6" Submersible
- PE = Pump End

Submersible Pumps

6" High Capacity 50-125 GPM

Ordering Information

6" Pump Ends							
GPM	HP	Stages	Motor Fit	Ordering Info.		Dimensions	Wt.
				Model No.	Order No.	Pump End Only	
50	1.5	3	4"	50FA15S6-PE	94825003	13.51	30
	2	4	4"	50FA2S6-PE	94825004	15.13	31
	3	5	4"	50FA3S6-PE	94825005	16.76	32
	5	8	4" & 6"	50FA5S6-PE	94825008	21.63	36
	7.5	11	4" & 6"	50FA7S6-PE	94825011	26.51	40
	10	15	4" & 6"	50FA10S6-PE	94825015	32.94	46
75	3	3	4"	75FA3S6-PE	94827503	13.51	30
	5	5	4" & 6"	75FA5S6-PE	94827505	16.76	32
	7.5	7	4" & 6"	75FA7S6-PE	94827507	20.01	35
	10	9	4" & 6"	75FA10S6-PE	94827509	23.26	38
	15	13	6"	75FA15S6-PE	94827513	29.76	43
	20	17	6"	75FA20S6-PE	94827517	36.19	48
	25	23	6"	75FA25S6-PE	94827523	46.00	54
100	5	3	4" & 6"	100FA5S6-PE	94820003	14.62	32
	7.5	5	4" & 6"	100FA7S6-PE	94820005	18.51	32
	10	6	4" & 6"	100FA10S6-PE	94820006	20.49	34
	15	9	6"	100FA51S6-PE	94820009	26.31	38
	20	13	6"	100FA20S6-PE	94820013	34.07	43
	25	16	6"	100FA25S6-PE	94820016	39.94	47
125	5	2	4" & 6"	125FA5S6-PE	94822502	12.94	29
	7.5	3	4" & 6"	125FA7S6-PE	94822503	15.05	30
	10	4	4" & 6"	125FA10S6-PE	94822504	17.13	31
	15	7	6"	125FA15S6-PE	94822507	23.37	35
	20	9	6"	125FA20S6-PE	94822509	27.54	38
	25	11	6"	125FA25S6-PE	94822511	31.70	40
	30	13	6"	125FA30S6-PE	94822513	35.87	43
	40	18	6"	125FA40S6-PE	94822518	46.27	48

Note: All dimensions are in inches. Discharge is 3" NPT. Maximum diameter across cable guard is 5.5" on all models. Weight in pounds.



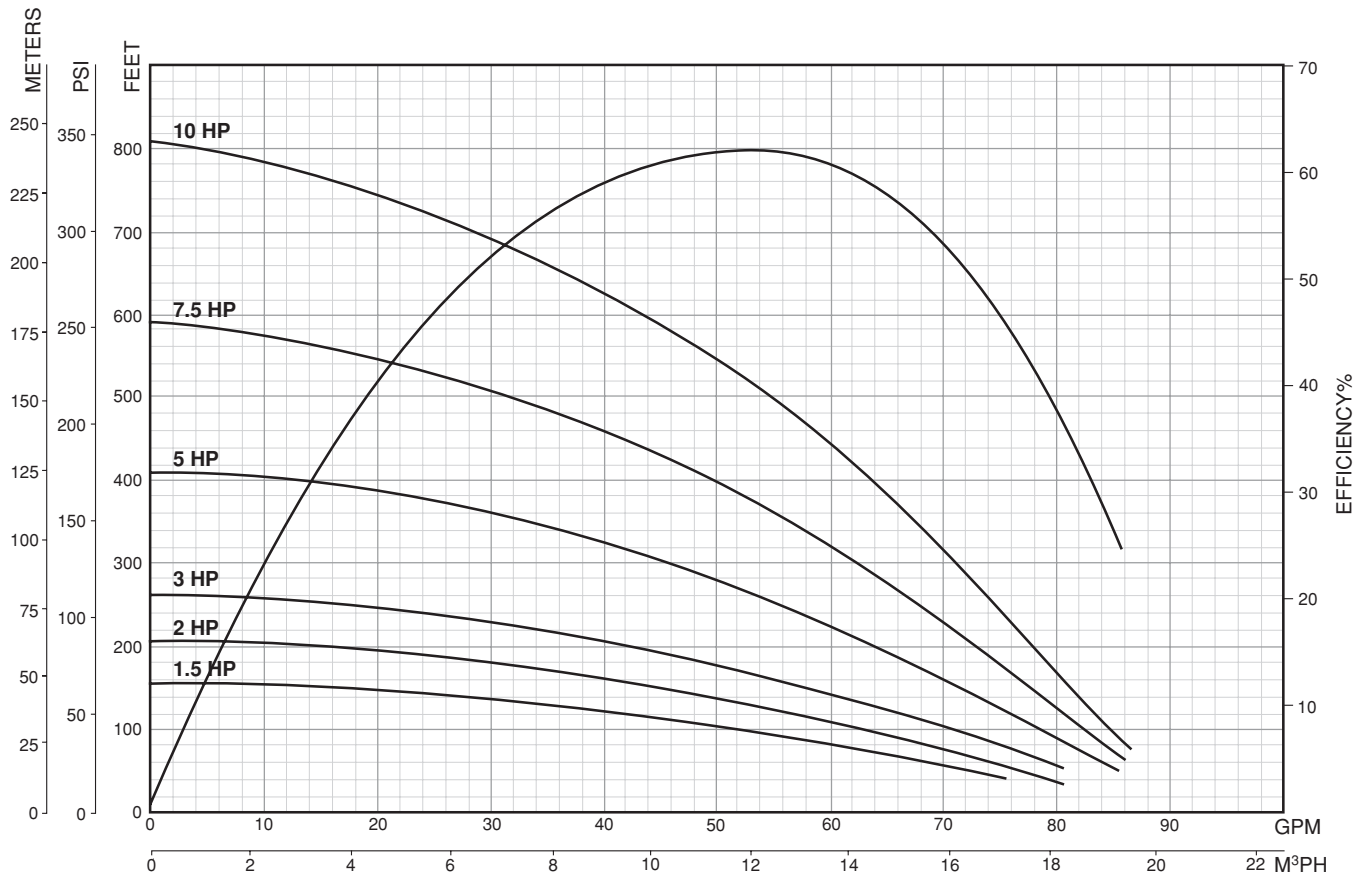
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

6" High Capacity 50 GPM Performance Curve

PAGE: SP-105

DATE: Feb 5, 2007



Submersible Pumps

6" High Capacity 50 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																				
		40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800
1.5	0	73	69	61	52	38	27															
	20	59	48	36	20																	
	30	47	34	14																		
	40	32	10																			
	50																					
Shut-off PSI		51	42	34	25	16	8															
2	0	79	74	68	63	56	48	39	30	11												
	20	66	61	54	45	37	25															
	30	60	53	45	34	22																
	40	52	43	34	20																	
	50	42	33	19																		
Shut-off PSI		74	65	56	48	39	30	22	13	4												
3	0	-	78	74	70	65	58	55	49	41	15											
	20	72	68	64	58	54	47	38	33	20												
	30	67	63	57	52	45	38	30	15													
	40	61	57	51	45	38	29	14														
	50	56	49	45	37	29	14															
Shut-off PSI		97	88	79	71	62	53	45	36	27	6											
5	0	-	-	-	78	75	73	70	67	64	55	45	34	12								
	20	-	77	74	72	69	66	63	57	56	45	34	16									
	30	77	74	71	68	65	62	59	56	52	41	25										
	40	74	71	67	65	62	59	55	50	46	36	16										
	50	71	67	64	62	58	54	50	46	42	27											
Shut-off PSI		164	156	147	139	130	121	113	104	95	74	52	30	9								
7.5	0	-	-	-	-	78	76	74	72	67	62	57	49	42	29	16						
	20	-	-	79	78	75	74	72	70	68	62	57	49	41	30	17						
	30	-	79	77	75	73	71	70	68	65	60	53	47	37	26	12						
	40	79	77	74	73	71	69	67	65	62	57	49	42	29	18							
	50	76	74	72	71	70	67	65	62	60	54	47	37	26	14							
Shut-off PSI		239	230	222	213	204	196	187	178	170	148	126	105	83	61	40	18					
10	0	-	-	-	-	-	-	-	79	77	74	70	67	63	58	55	49	45	36	28	17	6
	20	-	-	-	-	-	79	77	76	74	71	67	63	59	56	50	46	37	29	18	8	
	30	-	-	-	-	78	77	75	74	72	70	65	61	57	52	47	40	29	27	14		
	40	-	-	-	78	76	75	73	72	71	67	64	60	54	49	43	36	29	18			
	50	-	-	79	77	75	73	72	71	69	65	62	57	53	47	41	34	26	14			
Shut-off PSI		332	323	315	306	297	289	280	272	263	241	220	198	176	155	133	111	90	68	46	25	3

Discharge tapping 3" FNPT.

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

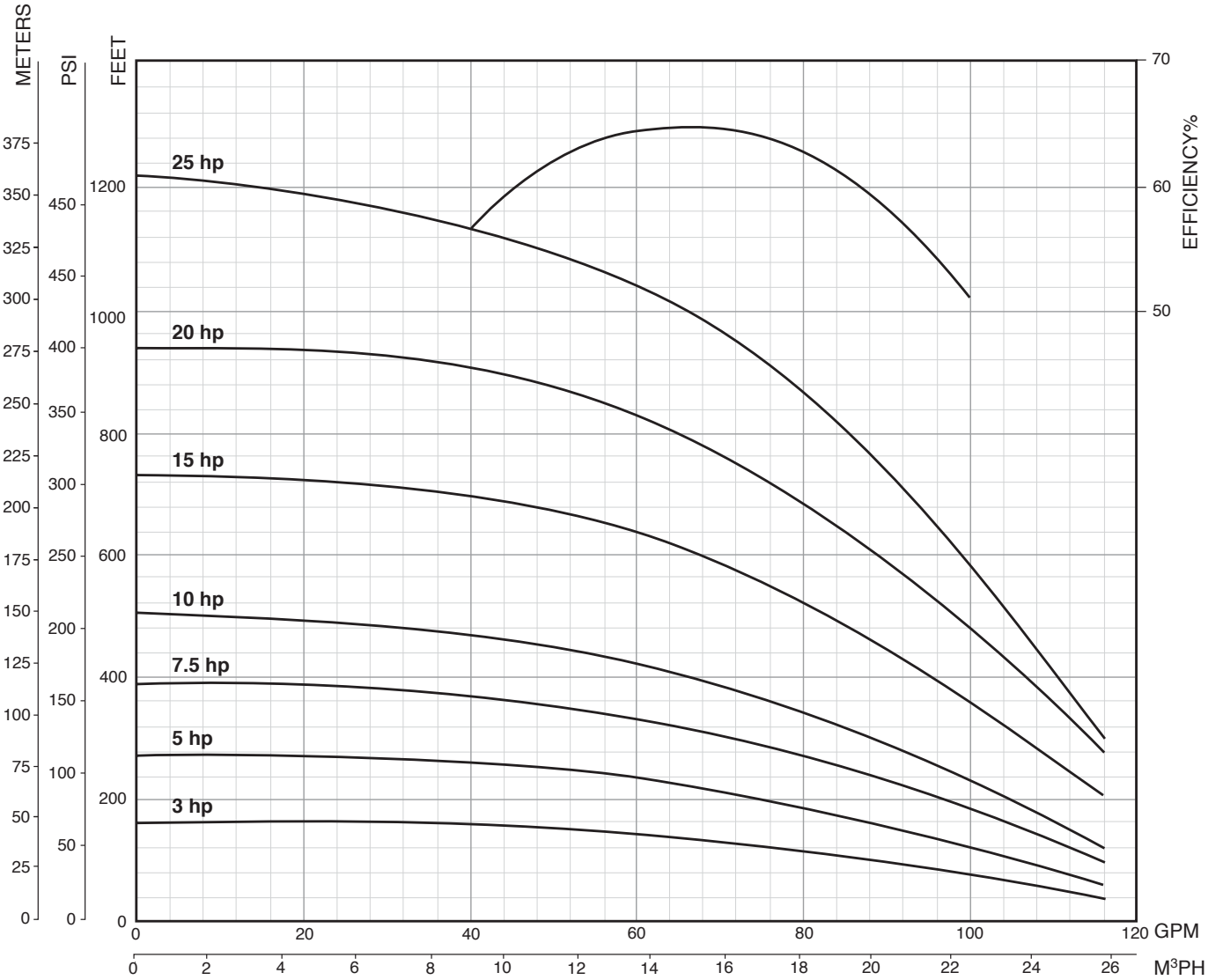


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

6" High Capacity 75 GPM Performance Curve

PAGE: SP-110
DATE: Mar 31, 2008



Submersible Pumps

6" High Capacity 75 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																									
		40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	
3	0	115	104	96	86	74	55																				
	20	93	82	70	51																						
	30	80	67	46																							
	40	65	41																								
	50	37																									
Shut-off PSI		53	45	36	27	19	10																				
5	0	-	-	105	102	96	89	83	76	65																	
	20	105	100	93	88	82	73	65	52																		
	30	99	92	87	80	72	64	49																			
	40	92	88	79	69	62	45																				
	50	85	76	69	62	44																					
Shut-off PSI		96	87	78	70	61	52	44	35	26																	
7.5	0	-	-	-	-	-	107	103	99	94	84	69	50														
	20	-	109	105	100	97	94	90	85	79	71	50															
	30	108	104	100	97	93	88	83	78	69	63	40															
	40	108	104	99	96	93	88	83	77	73	51																
	50	103	100	96	92	87	82	75	70	63	40																
Shut-off PSI		152	144	135	126	118	109	100	92	83	61	40	18														
10	0	-	-	-	-	-	-	110	106	104	97	88	77	65	48												
	20	-	-	-	-	109	106	103	99	96	88	79	66	48													
	30	-	-	-	108	106	102	99	96	93	84	74	60	40													
	40	-	-	108	105	102	99	96	92	89	80	68	52														
	50	-	108	103	102	99	93	92	89	84	74	62	42														
Shut-off PSI		202	193	184	176	167	158	150	141	132	111	89	67	46	24												
15	0	-	-	-	-	-	-	-	-	-	110	105	100	95	89	81	74	65	56	39							
	20	-	-	-	-	-	-	-	-	110	105	101	94	89	81	76	67	58	41								
	30	-	-	-	-	-	-	-	-	110	104	98	92	86	80	72	66	49									
	40	-	-	-	-	-	-	-	110	107	102	96	90	82	75	70	58	40									
	50	-	-	-	-	-	110	107	104	99	94	86	80	72	65	49	30										
Shut-off PSI		300	291	282	274	265	256	248	239	230	209	187	165	144	122	101	79	57	36	14							
20	0	-	-	-	-	-	-	-	-	-	110	106	103	98	92	88	83	78	69	63	54	40					
	20	-	-	-	-	-	-	-	-	110	106	102	98	91	89	84	78	72	64	58	44						
	30	-	-	-	-	-	-	-	-	110	109	105	98	94	90	86	80	75	69	61	50	35					
	40	-	-	-	-	-	-	-	-	110	107	102	98	91	88	84	79	72	68	55	45						
	50	-	-	-	-	-	-	-	110	109	105	100	95	91	87	80	75	70	63	52	38						
Shut-off PSI		389	381	372	363	355	346	337	329	320	298	277	255	233	212	190	168	147	125	103	82	60	39	17			
25	0	-	-	110	107	102	99	96	94	91	86	83	78	75	71	65	58	51	38								
	20	-	110	107	103	100	96	93	90	86	82	79	75	72	66	60	51	39									
	30	-	109	106	101	99	95	92	89	85	81	77	73	71	64	58	47	34									
	40	110	107	104	100	97	93	91	87	82	79	75	71	67	62	52	42										
	50	109	106	101	99	95	92	89	85	81	77	73	69	65	57	47	35										
Shut-off PSI		394	372	361	329	307	286	264	242	221	199	177	156	134	113	91	69	48	26								

Discharge tapping 3" FNPT.

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

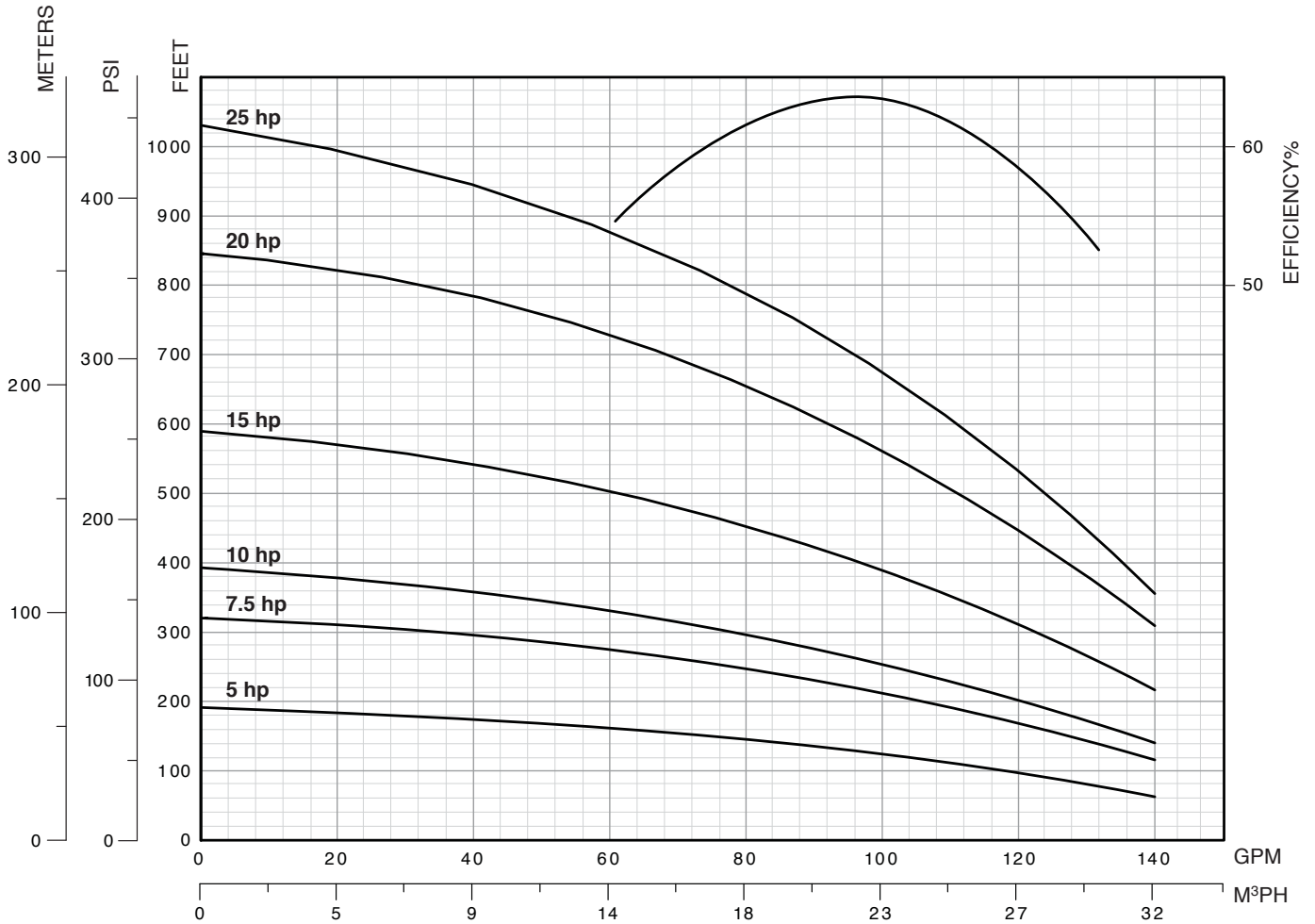


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

6" High Capacity 100 GPM Performance Curve

PAGE: SP-111
DATE: Mar 31, 2008



Submersible Pumps

6" High Capacity 100 GPM Performance Chart

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																												
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050		
5	0	-	-	-	130	119	104	85	62	29																				
	20	138	127	115	98	78	54	15																						
	30	125	113	95	75	49	6																							
	40	110	92	71	44																									
	50	89	68	38																										
	60	64	32																											
	70	26																												
Shut-off PSI		74	65	57	48	39	31	22	13	5																				
7.5	0	-	-	-	-	138	131	123	115	107	79	32																		
	20	-	-	-	136	129	121	113	104	94	82	37																		
	30	-	-	135	128	120	111	102	92	80	64	4																		
	40	-	134	126	118	110	101	90	77	62	42																			
	50	133	125	117	109	99	88	75	59	38	10																			
	60	124	116	107	98	86	73	56	34	5																				
	70	115	106	96	84	71	53	30																						
Shut-off PSI		130	121	113	104	95	87	78	69	61	52	30	9																	
10	0	-	-	-	-	-	-	140	134	127	121	102	79	45																
	20	-	-	-	-	138	132	125	118	111	104	81	48																	
	30	-	-	-	137	131	124	117	110	102	94	67	28																	
	40	-	-	136	130	123	116	109	101	92	83	51	2																	
	50	-	135	129	122	115	108	100	91	81	70	31																		
	60	134	128	121	114	107	99	90	80	68	54	7																		
	70	127	120	113	105	97	88	78	66	52	35																			
Shut-off PSI		162	153	144	136	127	118	110	101	92	84	62	40	19																
15	0	-	-	-	-	-	-	-	-	-	-	133	123	111	98	82	61	32												
	20	-	-	-	-	-	-	-	-	138	134	123	112	100	83	62	34													
	30	-	-	-	-	-	-	-	137	133	129	118	107	93	75	51	19													
	40	-	-	-	-	-	-	136	132	128	124	113	101	85	64	37														
	50	-	-	-	-	140	136	132	128	124	119	108	94	76	53	21														
	60	-	-	-	139	135	131	127	123	119	114	102	86	66	39	3														
	70	-	-	138	135	131	126	122	118	113	109	95	78	55	24															
Shut-off PSI		247	238	230	221	212	204	195	186	178	169	147	126	104	82	61	39	17												
20	0	-	-	-	-	-	-	-	-	-	-	-	-	134	127	119	111	103	94	83	69	52	29							
	20	-	-	-	-	-	-	-	-	-	-	-	134	127	120	112	104	94	83	70	53	31								
	30	-	-	-	-	-	-	-	-	-	-	138	131	124	116	108	99	90	78	63	44	19								
	40	-	-	-	-	-	-	-	-	-	135	128	120	112	104	95	84	71	55	33	4									
	50	-	-	-	-	-	-	-	-	139	132	124	117	109	100	90	79	64	45	21										
	60	-	-	-	-	-	-	-	138	135	128	121	113	105	96	85	72	56	35	7										
	70	-	-	-	-	-	-	138	135	132	125	117	109	101	91	80	65	47	23											
Shut-off PSI		358	349	340	332	323	314	306	297	289	280	258	237	215	193	172	150	128	107	85	63	42	20							
25	0	-	-	-	-	-	-	-	-	-	-	-	-	135	130	124	118	111	104	96	88	78	67	54	37	17				
	20	-	-	-	-	-	-	-	-	-	-	-	135	130	125	119	112	105	97	88	79	68	55	39	18					
	30	-	-	-	-	-	-	-	-	-	-	138	133	128	122	116	109	101	93	84	74	62	48	30	7					
	40	-	-	-	-	-	-	-	-	-	136	130	125	119	112	105	97	89	79	69	56	40	20							
	50	-	-	-	-	-	-	-	-	138	133	128	122	116	109	102	94	85	75	63	49	31	9							
	60	-	-	-	-	-	-	-	136	131	125	119	113	106	98	90	80	69	57	41	22									
	70	-	-	-	-	-	-	139	134	128	123	117	110	102	94	85	75	64	50	33	11									
Shut-off PSI							385	377	368	359	338	316	294	273	251	229	208	186	164	143	121	99								

Discharge tapping 3" FNPT.

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

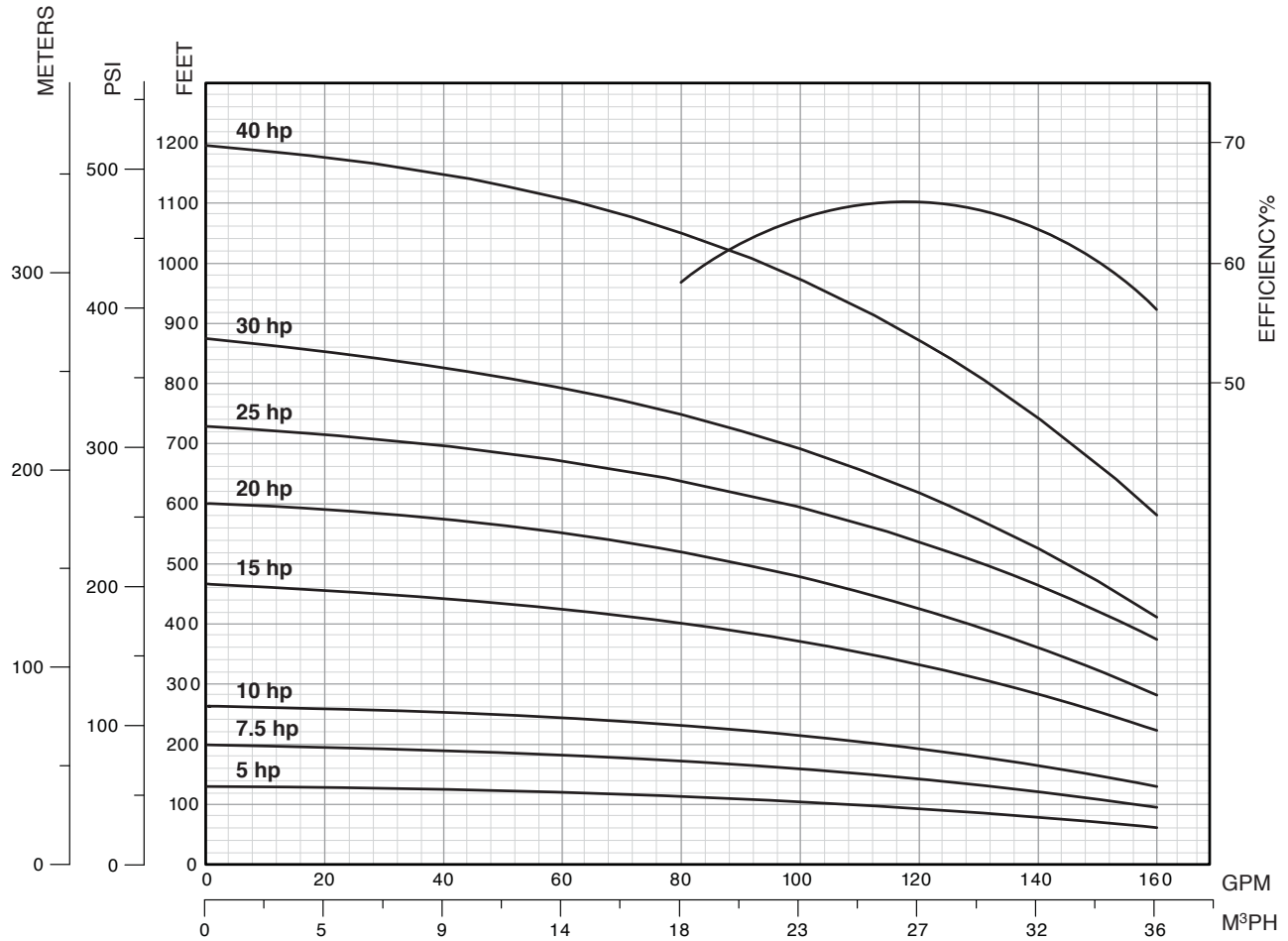


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

6" High Capacity 125 GPM Performance Curve & Chart

PAGE: SP-112
DATE: Mar 31, 2008



Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700		750	800	850	900	950	1000	1050	1100	
5	0	-	-	-	140	106	62																							Shut-off 130 ft	
	20	153	131	95	34																										
	30	126	88	12																											
	40	82																													
	50																														
	60																														
	70																														
Shut-off PSI		48	39	30	22	13	4																								
7.5	0	-	-	-	-	157	141	122	99	64																				Shut-off 198 ft	
	20	-	-	152	136	116	90	48																							
	30	-	150	133	112	85	39																								
	40	147	130	109	79	29																									
	50	127	105	73	18																										
	60	101	67																												
	70	60																													
Shut-off PSI		77	69	60	51	43	34	25	17	8																					

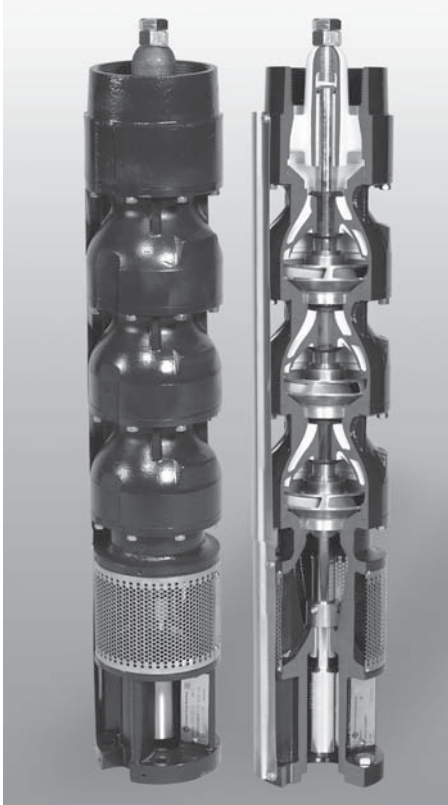
Discharge tapping 3" FNPT.

Continued on reverse

- Notes:
1. Performance shown does not include friction loss in the drop pipe.
 2. All performance data is based on rated motor nameplate voltage.

6" Submersible Turbine Pump 100 to 375 GPM

PAGE: SP-200
DATE: Mar 31, 2008



FPS

ST series

Features:

- 100% Franklin factory tested.
- Ductile iron discharge and suction bracket.
- Ductile iron bowls bolt together for easy service.
- Stainless upthrust plug provides exceptional upthrust protection.
- Bronze discharge bearing is grease packed for maximum bearing protection.
- Fluted rubber bearings in all bowls.
- Suction inlet located above bottom bearing prevents abrasives from entering the bearing.
- Suction bracket design allows easy access to coupling.
- Bronze bracket bearing is protected with stainless steel sand collar.
- Stainless steel impellers with stainless steel taper lock secures impeller to shaft.
- Stainless steel pump shaft for increased durability.
- Shaft coupling is keyed to pump by set screws and is splined to fit motor shaft.
- All models have 6" motor fit.
- 4" Discharge tapping FNPT.

Model Number Explanation

Example: 175ST10D6B-0464

175 = GPM
ST = Sub Turbine
10 = Horsepower
D = Ductile Iron
6 = 6" Pump
B = Impeller Trim
04 = Number of stages
6 = 6" Motor
4 = 4" Discharge

Submersible Turbine Pumps

6" Submersible Turbine Pump Ordering Information

6" SUBMERSIBLE TURBINE PUMP ENDS								
GPM	HP	Stages	Trim Size	Motor Bracket Size	Discharge Size	Order No.	Model No.	Weight
100	5	3	B	6"	4" NPT	96060100103	100ST5D6B-0364	71
	7.5	5	B	6"	4" NPT	96060100105	100ST7D6B-0564	91
	10	6	B	6"	4" NPT	96060100106	100ST10D6B-0664	101
	15	9	B	6"	4" NPT	96060100109	100ST15D6B-0964	131
	20	10	A	6"	4" NPT	96060100010	100ST20D6A-1064	141
	25	13	A	6"	4" NPT	96060100013	100ST25D6A-1364	171
	30	15	A	6"	4" NPT	96060100015	100ST30D6A-1564	192
40	20	A	6"	4" NPT	96060100020	100ST40D6A-2064	242	
150	5	2	B	6"	4" NPT	96060150102	150ST5D6B-0264	64
	7.5	3	B	6"	4" NPT	96060150103	150ST7D6B-0364	76
	10	5	B	6"	4" NPT	96060150105	150ST10D6B-0564	88
	15	5	A	6"	4" NPT	96060150005	150ST15D6A-0564	88
	20	9	B	6"	4" NPT	96060150109	150ST20D6B-0964	145
	25	11	B	6"	4" NPT	96060150111	150ST25D6B-1164	169
	30	14	B	6"	4" NPT	96060150114	150ST30D6B-1464	204
	40	18	B	6"	4" NPT	96060150118	150ST40D6B-1864	250
50	17	A	6"	4" NPT	96060150017	150ST50D6A-1764	238	
175	5	2	B	6"	4" NPT	96060175102	175ST5D6B-0264	65
	7.5	3	B	6"	4" NPT	96060175103	175ST7D6B-0364	77
	10	4	B	6"	4" NPT	96060175104	175ST10D6B-0464	89
	15	6	B	6"	4" NPT	96060175106	175ST15D6B-0664	114
	20	6	A	6"	4" NPT	96060175006	175ST20D6A-0664	114
	25	8	A	6"	4" NPT	96060175008	175ST25D6A-0864	138
	30	9	A	6"	4" NPT	96060175009	175ST30D6A-0964	150
	40	12	A	6"	4" NPT	96060175012	175ST40D6A-1264	186
	50	16	A	6"	4" NPT	96060175016	175ST50D6A-1664	235
60	19	A	6"	4" NPT	96060175019	175ST60D6A-1964	271	
200	5	1	A	6"	4" NPT	96060200001	200ST5D6A-0164	53
	10	2	A	6"	4" NPT	96060200002	200ST10D6A-0264	66
	15	4	B	6"	4" NPT	96060200104	200ST15D6B-0464	90
	20	5	B	6"	4" NPT	96060200105	200ST20D6B-0564	103
	25	6	A	6"	4" NPT	96060200006	200ST25D6A-0664	115
	30	7	A	6"	4" NPT	96060200007	200ST30D6A-0764	128
	40	9	A	6"	4" NPT	96060200009	200ST40D6A-0964	152
	50	12	A	6"	4" NPT	96060200012	200ST50D6A-1264	189
60	14	A	6"	4" NPT	96060200014	200ST60D6A-1464	214	
325	5	2	C	6"	4" NPT	96060325202	325ST5D6C-0264	65
	7.5	2	Mix	6"	4" NPT	96060325302	325ST7D6X-0264	65
	10	3	B	6"	4" NPT	96060325103	325ST10D6B-0364	77
	15	4	Mix	6"	4" NPT	96060325304	325ST15D6X-0464	89
	20	5	A	6"	4" NPT	96060325005	325ST20D6A-0564	101
	25	6	A	6"	4" NPT	96060325006	325ST25D6A-0664	113
	30	7	A	6"	4" NPT	96060325007	325ST30D6A-0764	125
	40	10	A	6"	4" NPT	96060325010	325ST40D6A-1064	161
50	12	A	6"	4" NPT	96060325012	325ST50D6A-1264	184	
60	15	A	6"	4" NPT	96060325015	325ST60D6A-1564	220	
375	5	1	A	6"	4" NPT	96060375001	375ST5D6A-0164	53
	10	2	A	6"	4" NPT	96060375002	375ST10D6A-0264	65
	15	4	B	6"	4" NPT	96060375104	375ST15D6B-0464	89
	20	5	B	6"	4" NPT	96060375105	375ST20D6B-0564	101
	25	5	A	6"	4" NPT	96060375005	375ST25D6A-0564	101
	30	8	B	6"	4" NPT	96060375108	375ST30D6B-0864	136
	40	9	A	6"	4" NPT	96060375009	375ST40D6A-0964	149
	50	11	A	6"	4" NPT	96060375011	375ST50D6A-1164	172
60	13	A	6"	4" NPT	96060375013	375ST60D6A-1364	196	

Note: Order check valve separately.



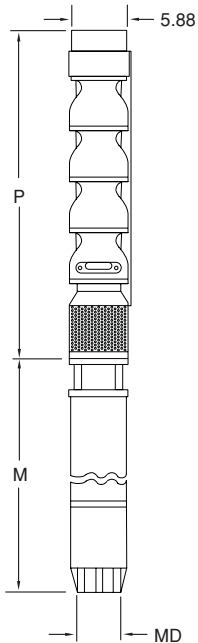
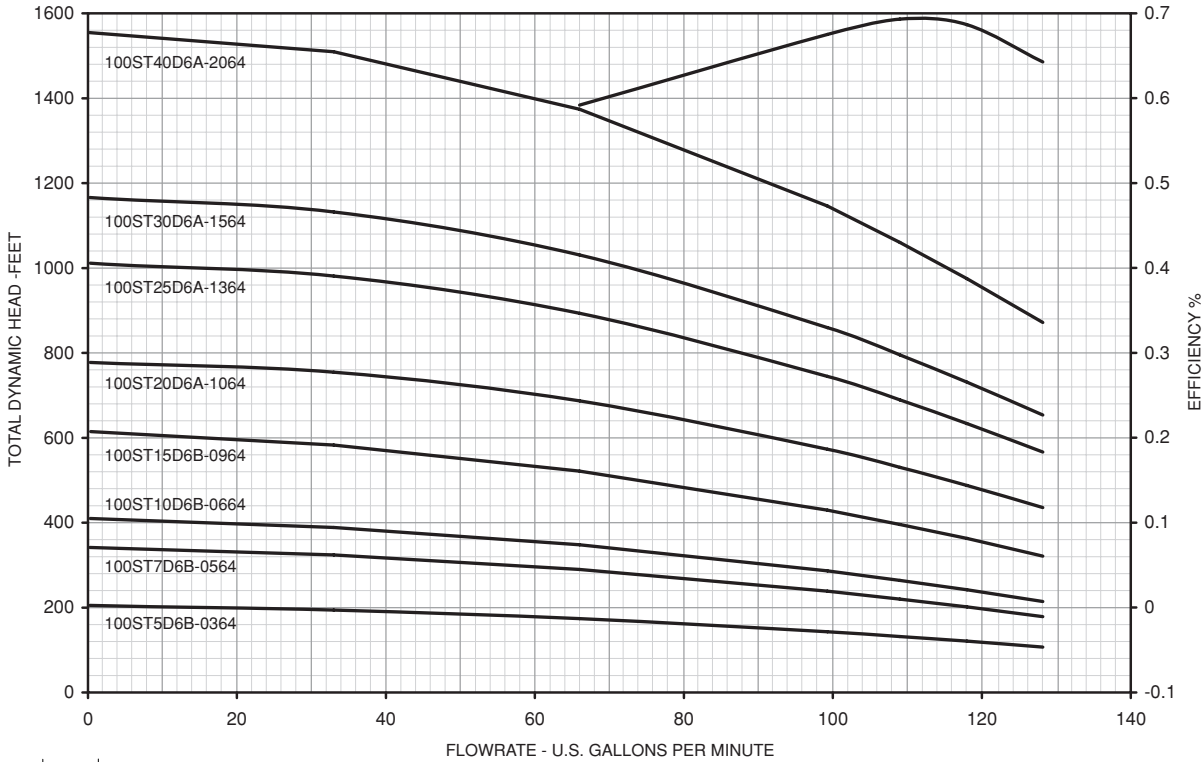
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Model 100ST6 Performance

PAGE: SP-205
DATE: Nov 1, 2006

Nominal RPM: 3450
Based on Fresh Water @ 68°F.
Maximum Working Pressure:
Standard(350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Trim	Motor Size	P	M*	MD*	Motor Weight Lbs.	Pump Weight Lbs.
				Inches	Inches	Inches		
5	3	B	6"	27.32	25.4	5.38	101	71
7.5	5	B	6"	34.32	28.0	5.38	108	91
10	6	B	6"	37.82	30.6	5.38	116	101
15	9	B	6"	48.32	33.1	5.38	129	131
20	10	A	6"	51.52	30.6	5.38	145	141
25	13	A	6"	62.32	33.1	5.38	156	171
30	15	A	6"	69.32	35.7	5.38	174	192
40	20	A	6"	86.82	40.8	5.38	202	242

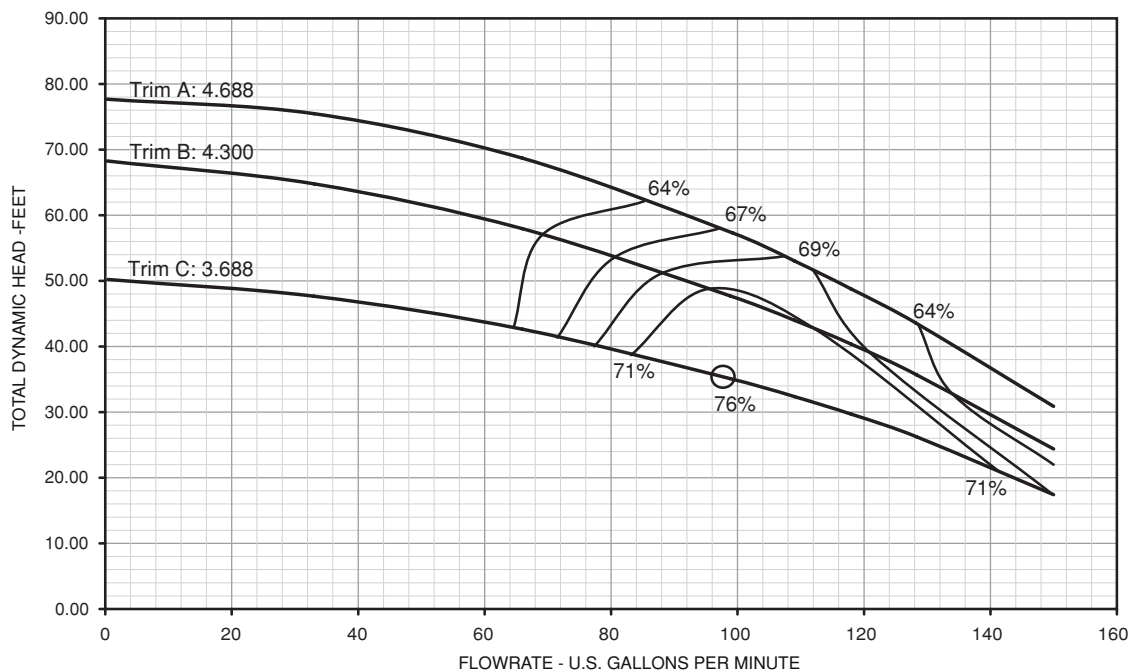
Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

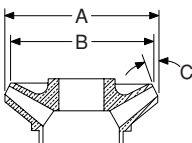
Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Model 100ST6 Performance



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	B Diameter	C Angle
A	4.688	4.644	5°
B	4.300	4.300	0
C	3.688	3.688	0



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



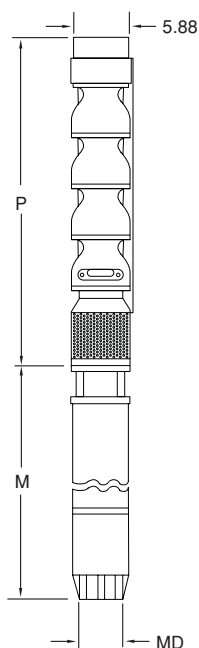
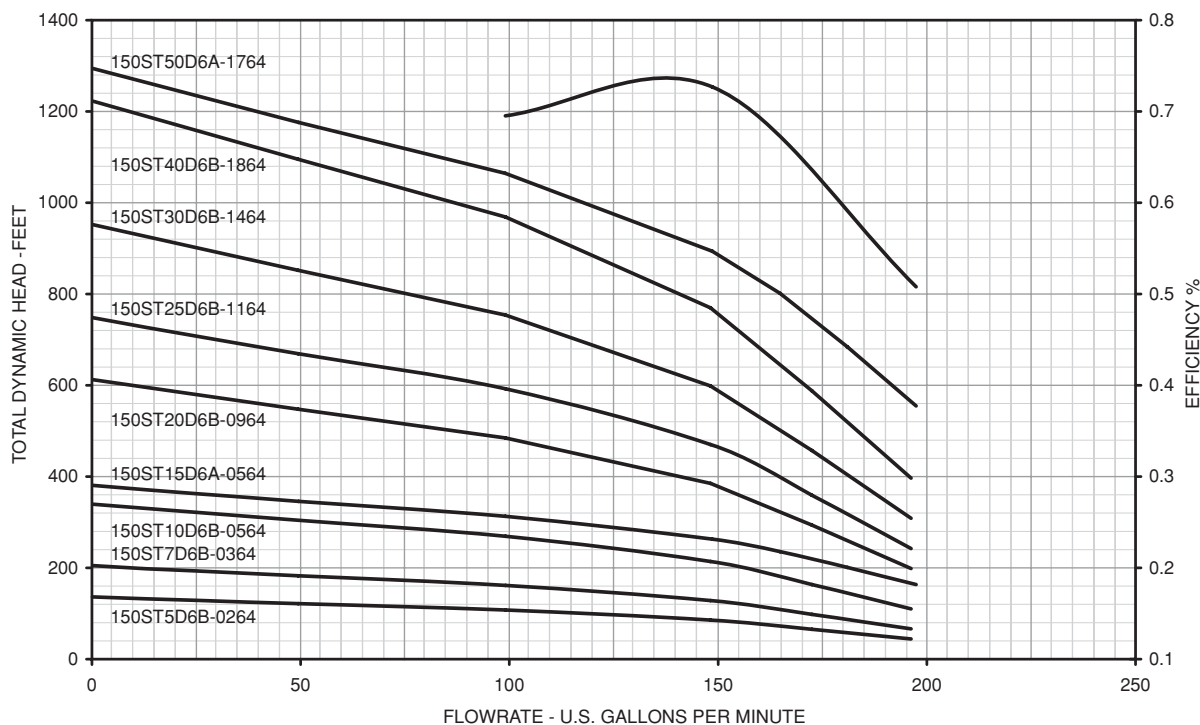
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model 150ST6 Performance

PAGE: SP-210
DATE: Nov 1, 2006

Nominal RPM: 3450
Based on Fresh Water @ 68°F.
Maximum Working Pressure:
Standard (350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Trim	Motor Size	P	M*	MD*	Motor Weight Lbs.	Pump Weight Lbs.
				Inches	Inches	Inches		
5	2	B	6"	26.32	25.44	5.38	105	64
7.5	3	B	6"	31.07	28.00	5.38	120	76
10	5	B	6"	40.57	30.56	5.38	135	88
15	5	A	6"	40.57	33.13	5.38	146	88
20	9	B	6"	59.57	30.56	5.38	135	145
25	11	B	6"	69.57	33.13	5.38	148	169
30	14	B	6"	83.82	35.69	5.38	162	204
40	18	B	6"	102.32	40.81	5.38	195	250
50	17	A	6"	97.57	57.83	5.38	310	238

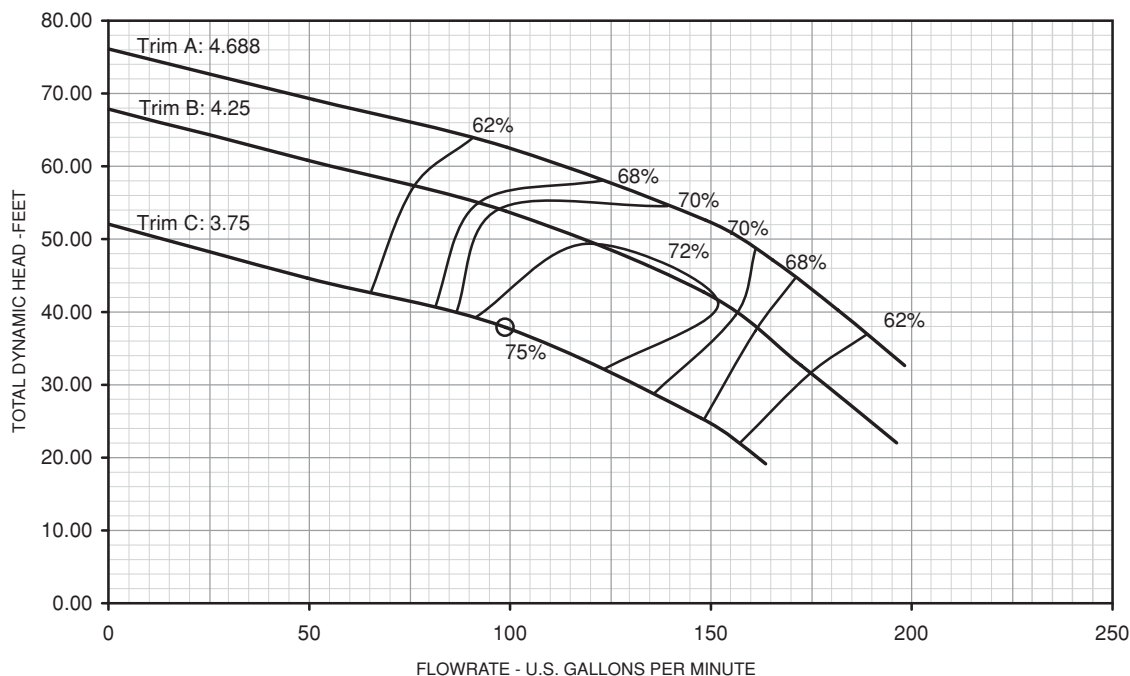
Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

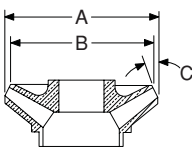
Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Model 150ST6 Performance



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	B Diameter	C Angle
A	4.688	4.274	27
B	4.250	3.768	27
C	3.750	3.191	27



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

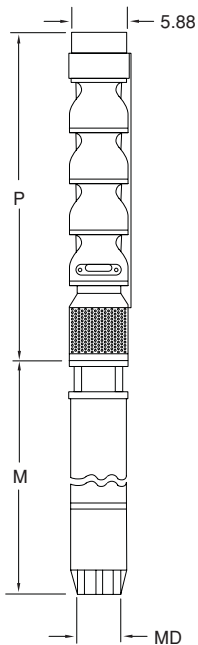
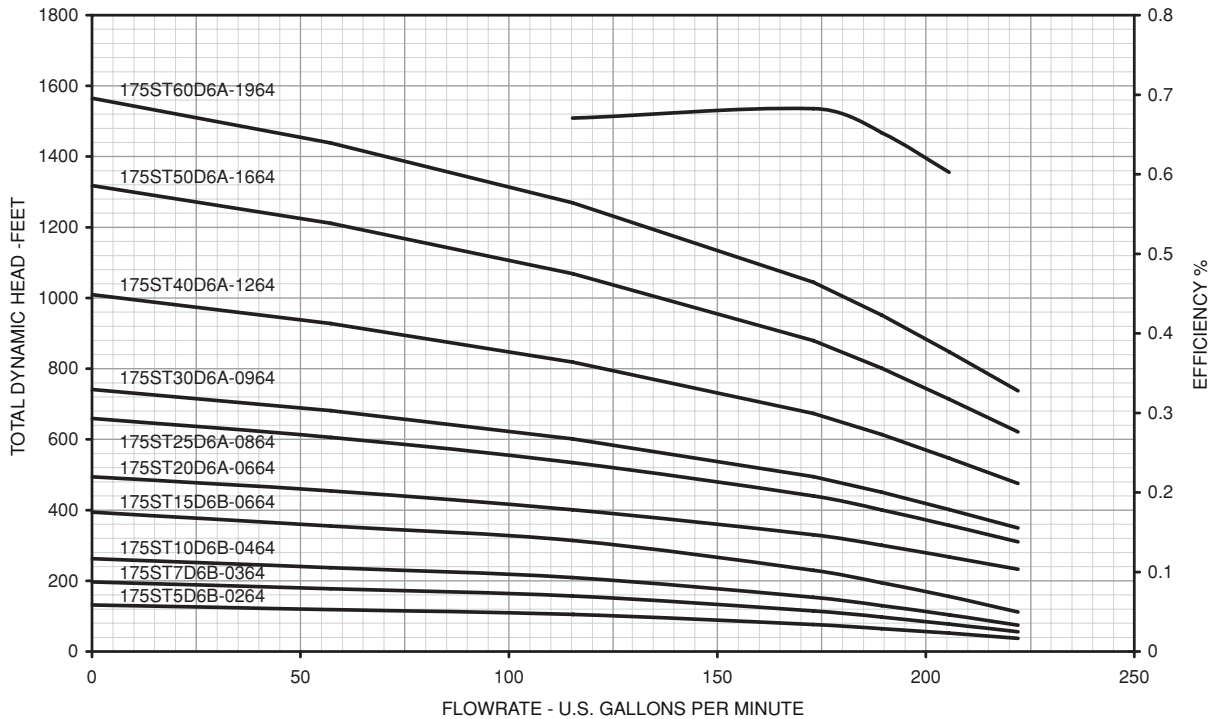
Submersible Turbine Pumps

Model 175ST6 Performance

PAGE: SP-215

DATE: Nov 1, 2006

Nominal RPM: 3450
 Based on Fresh Water @ 68°F.
 Maximum Working Pressure:
 Standard (350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Trim	Motor Size	P	M*	MD*	Motor Weight Lbs.	Pump Weight Lbs.
				Inches	Inches	Inches		
5	2	B	6"	26.32	25.44	5.38	105	65
7.5	3	B	6"	31.07	28.00	5.38	120	77
10	4	B	6"	35.82	30.56	5.38	135	89
15	6	B	6"	45.32	33.13	5.38	146	114
20	6	A	6"	45.32	30.56	5.38	135	114
25	8	A	6"	54.82	33.13	5.38	148	138
30	9	A	6"	59.57	35.69	5.38	162	150
40	12	A	6"	73.82	40.81	5.38	195	186
50	16	A	6"	92.82	57.83	5.38	310	235
60	19	A	6"	107.07	63.83	5.38	340	271

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

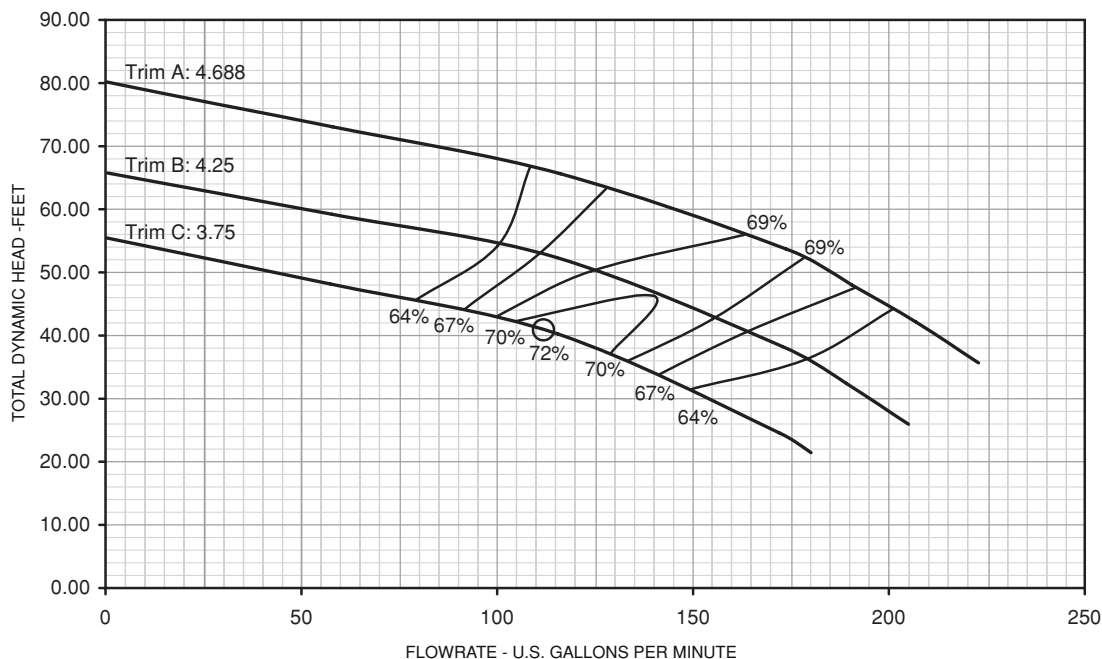
Specifications

Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

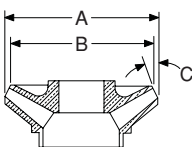
Note: Refer to Franklin Electric AIM data for motor cooling requirements.



Model 175ST6 Performance



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	B Diameter	C Angle
A	4.688	4.392	20
B	4.250	3.910	20
C	3.750	3.360	20



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



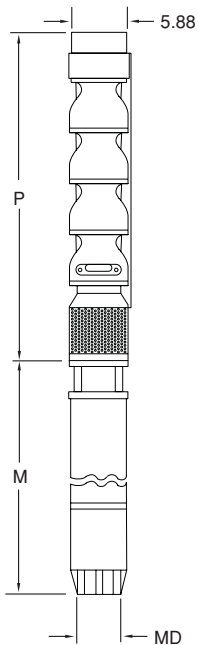
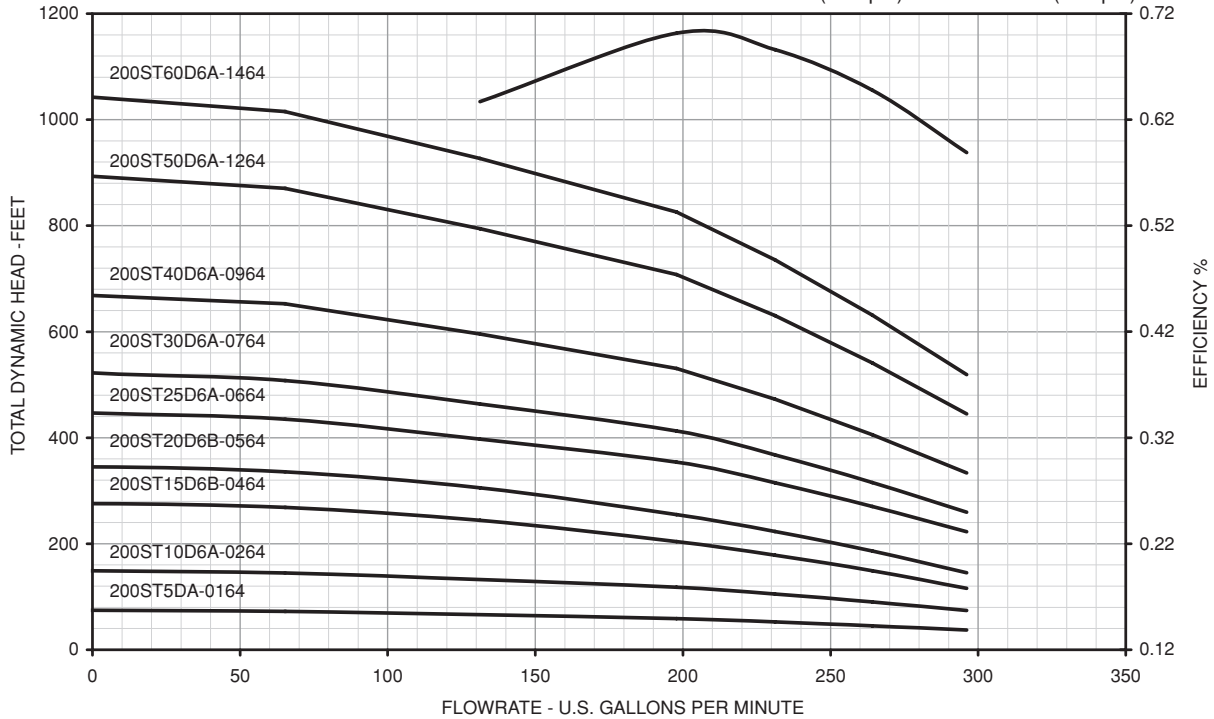
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model 200ST6 Performance

PAGE: SP-220
DATE: Nov 1, 2006

Nominal RPM: 3450
Based on Fresh Water @ 68°F.
Maximum Working Pressure:
Standard (350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Trim	Motor Size	P	M*	MD*	Motor Weight Lbs.	Pump Weight Lbs.
				Inches	Inches	Inches		
5	1	A	6"	21.57	25.44	5.38	105	53
10	2	A	6"	26.32	30.56	5.38	135	66
15	4	B	6"	35.82	33.13	5.38	146	90
20	5	B	6"	40.57	30.56	5.38	135	103
25	6	A	6"	45.32	33.13	5.38	148	115
30	7	A	6"	50.07	35.69	5.38	162	128
40	9	A	6"	59.57	40.81	5.38	195	152
50	12	A	6"	73.82	57.83	5.38	310	189
60	14	A	6"	83.32	63.83	5.38	340	214

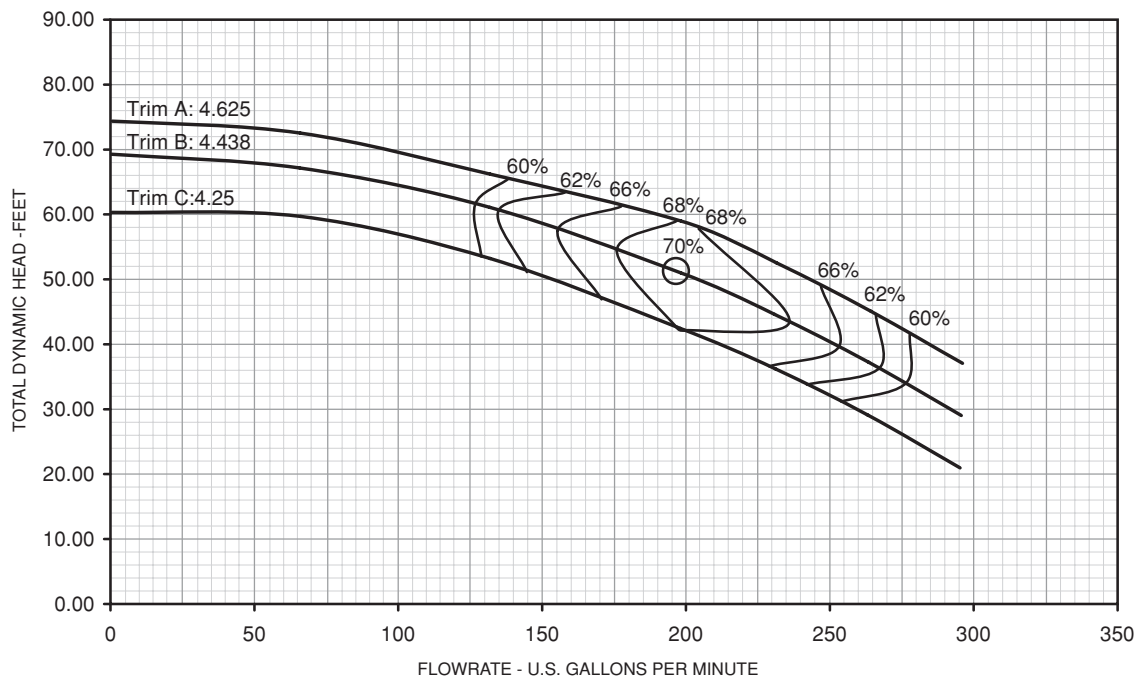
Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

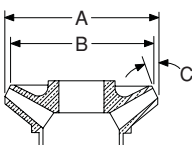
Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Model 200ST6 Performance



Note: Efficiencies are typical, not guaranteed.
 Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
 Efficiency correction required for low stage count. (1 stage = -3, 2 stage = -2, 3 stage = -1)
 Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	B Diameter	C Angle
A	4.625	3.958	30
B	4.438	3.745	30
C	4.250	3.530	30



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



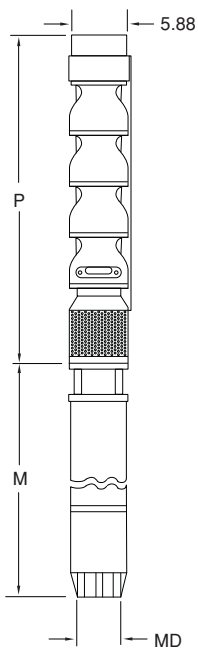
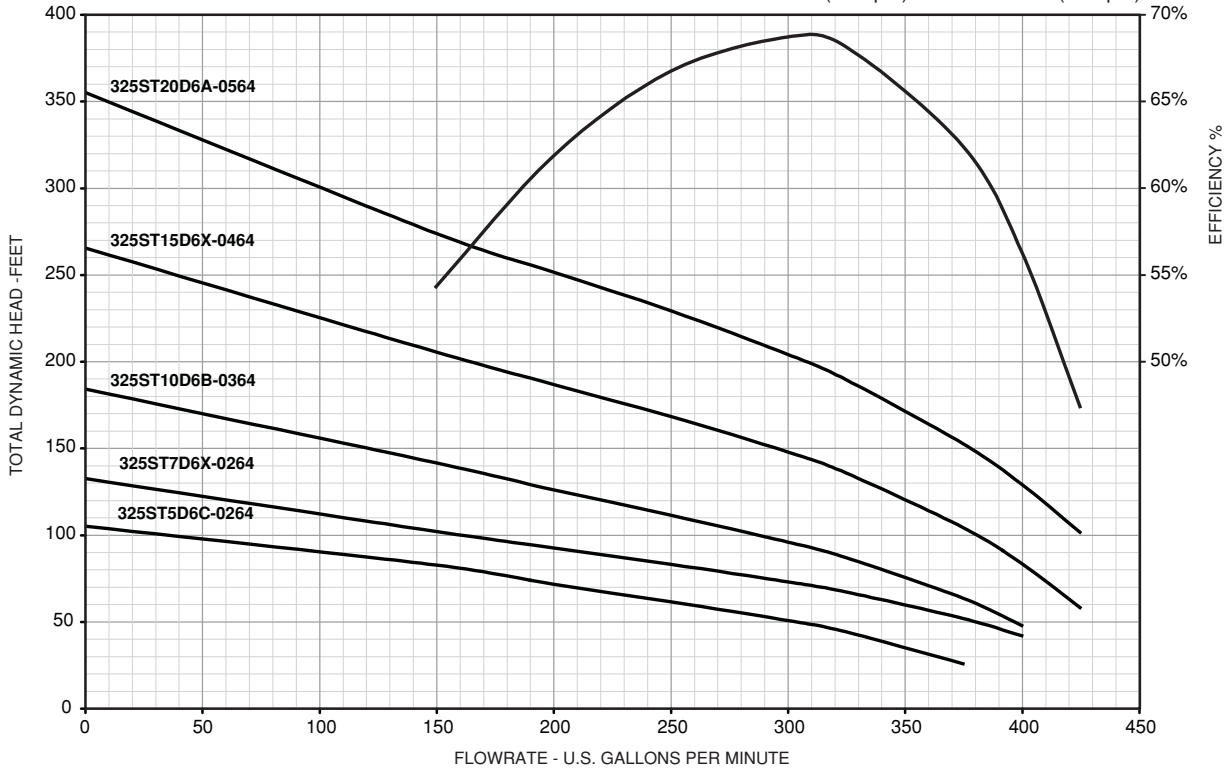
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

Model 325ST6 Performance

PAGE: SP-221
DATE: Mar 31, 2008

Nominal RPM: 3450
Based on Fresh Water @ 68°F.
Maximum Working Pressure:
Standard (350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Motor Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
			Inches	Inches	Inches		
5	2	6"	26.32	25.4	5.38	105	65
7.5	2	6"	26.32	28	5.38	120	65
10	3	6"	31.07	30.6	5.38	135	77
15	4	6"	35.82	33.1	5.38	146	89
20	5	6"	40.57	30.6	5.38	135	101

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

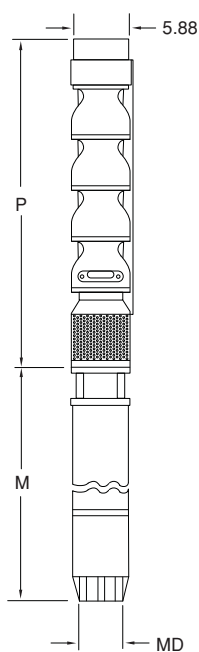
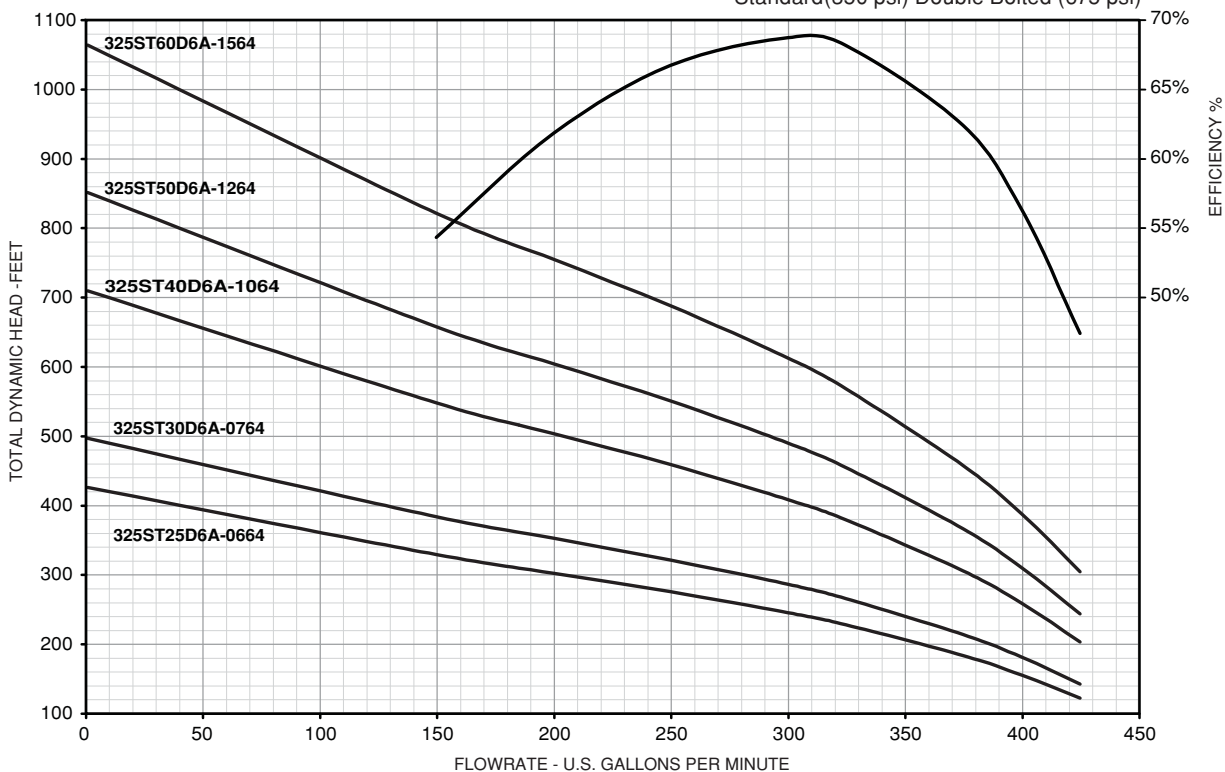
Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Submersible Turbine Pumps

Model 325ST6 Performance

Nominal RPM: 3450
 Based on Fresh Water @ 68°F.
 Maximum Working Pressure:
 Standard(350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Motor Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
			Inches	Inches	Inches		
25	6	6"	45.32	33.1	5.38	148	113
30	7	6"	50.07	35.7	5.38	162	125
40	10	6"	64.32	40.8	5.38	195	161
50	12	6"	73.82	57.83	5.38	310	184
60	15	6"	88.07	63.83	5.38	340	220

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

Minimum Well I.D.	6"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.



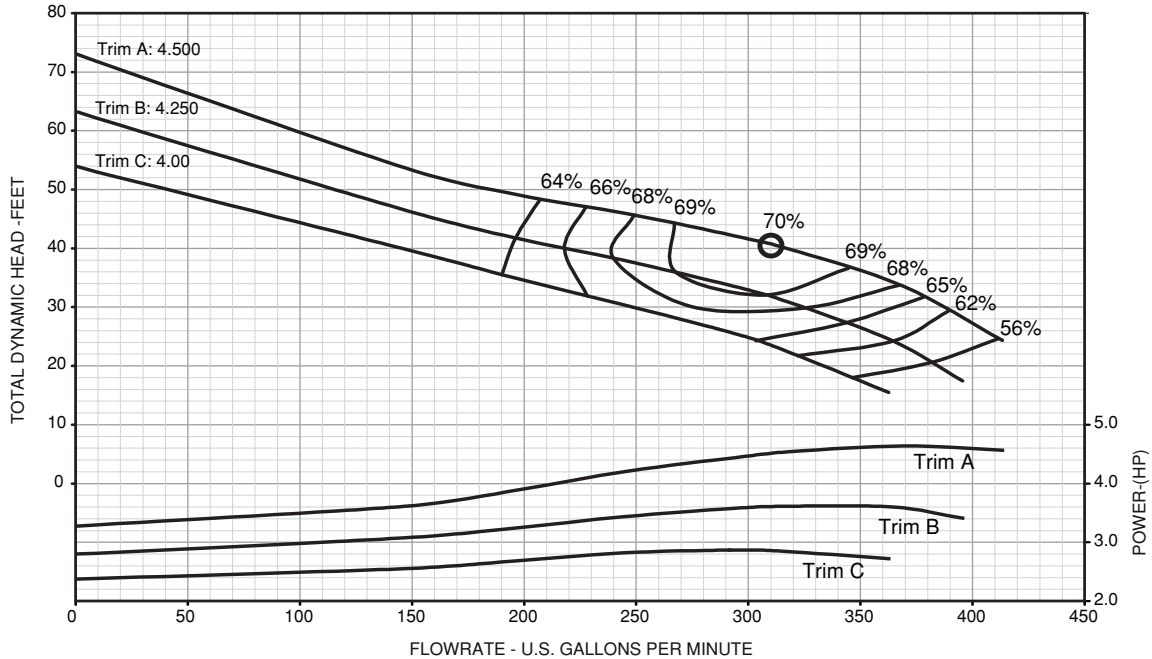
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

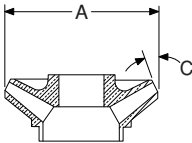
Model 325ST6 Performance

PAGE: SP-222

DATE: Mar 31, 2008



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	C Angle
A	4.500	30°
B	4.250	30°
C	4.000	30°



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



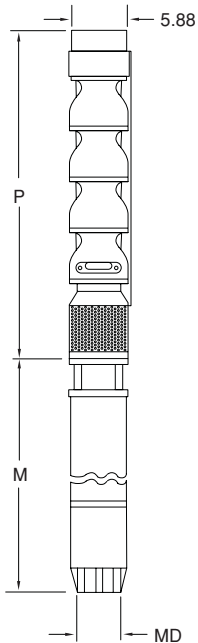
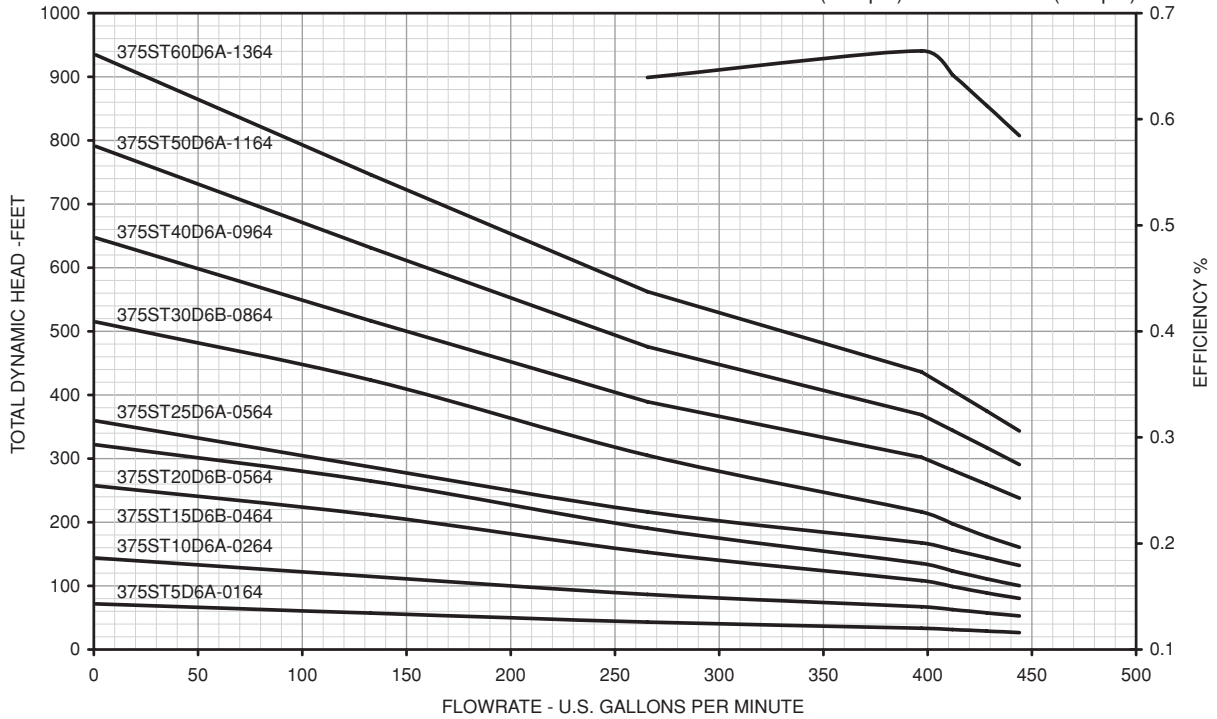
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Model 375ST6 Performance

PAGE: SP-225
DATE: Nov 1, 2006

Nominal RPM: 3450
Based on Fresh Water @ 68°F.
Maximum Working Pressure:
Standard (350 psi) Double Bolted (675 psi)



Dimension Information

HP	Stages	Trim	Motor Size	P	M*	MD*	Motor Weight Lbs.	Pump Weight Lbs.
				Inches	Inches	Inches		
5	1	A	6"	21.57	28.00	5.38	120	53
10	2	A	6"	26.32	30.56	5.38	135	65
15	4	B	6"	35.82	33.13	5.38	146	89
20	5	B	6"	40.57	30.56	5.38	135	101
25	5	A	6"	40.57	33.13	5.38	148	101
30	8	B	6"	54.82	35.69	5.38	162	136
40	9	A	6"	59.57	40.81	5.38	195	149
50	11	A	6"	69.07	57.83	5.38	310	172
60	13	A	6"	78.57	63.83	5.38	340	196

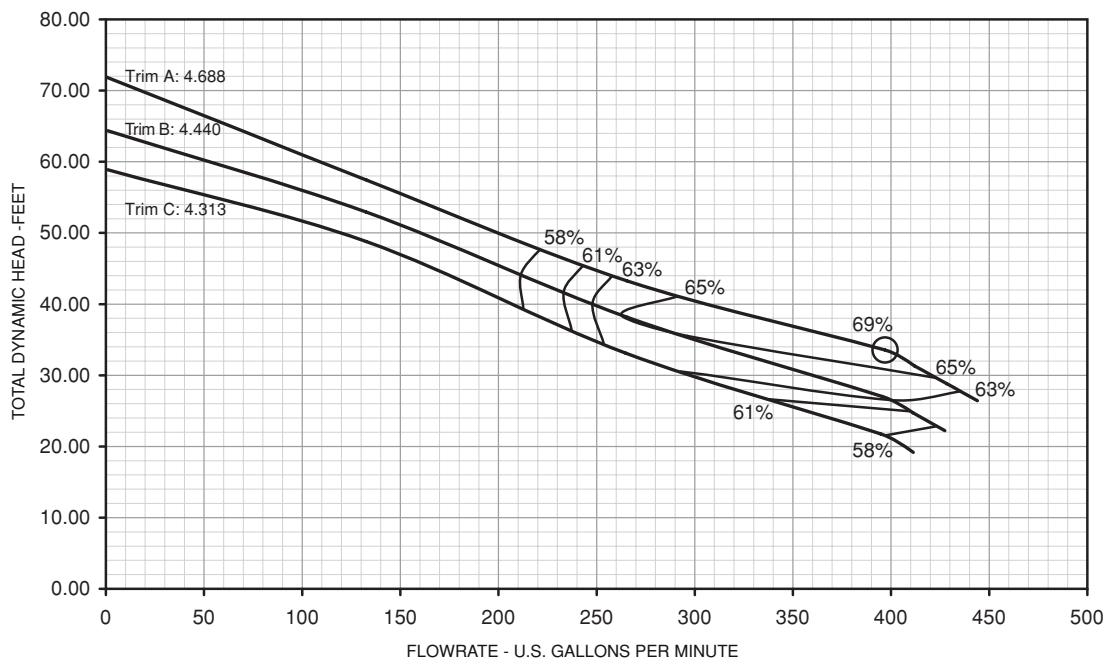
Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

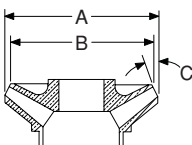
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Model 375ST6 Performance



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Efficiency correction required for low stage count. (1 stage = -3, 2 stage = -2, 3 stage = -1)
Bowl #9 begins transition to double-bolted (8 bolts @ bottom, 14 bolts @ top)



Impeller Dimensions

Trim	A Diameter	B Diameter	C Angle
A	4.688	3.639	35
B	4.440	3.415	35
C	4.313	3.191	35



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Plug	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304

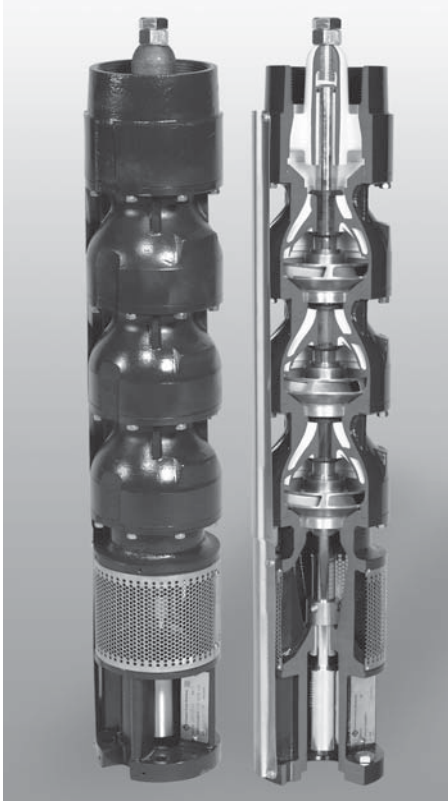


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

8" Submersible Turbine Pump 225 to 700 GPM

PAGE: SP-250
DATE: Sept 1, 2007



FPS

ST series

Features:

- 100% Franklin factory tested.
- Ductile iron discharge and suction bracket.
- Ductile iron bowls bolt together for easy service.
- Epoxy coated bowls for improved efficiency.
- Stainless upthrust plug provides exceptional upthrust protection.
- Bronze discharge bearing is grease packed for maximum bearing protection.
- Fluted rubber bearings in all bowls.
- Suction inlet located above bottom bearing prevents abrasives from entering the bearing.
- Suction bracket design allows easy access to coupling.
- Bronze bracket bearing is protected with stainless steel sand collar.
- Stainless steel impellers with stainless steel taper lock secures impeller to shaft.
- Stainless steel pump shaft for increased durability.
- Shaft coupling is keyed to pump by set screws and is splined to fit motor shaft.

Model Number Explanation

Example: 225ST25D8B-0366

- 225 = GPM
- ST = Sub Turbine
- 25 = Horsepower
- D = Ductile Iron
- 8 = 8" Pump
- B = Impeller Trim
- 03 = Number of stages
- 6 = Motor Size
- 6 = Discharge Size

Submersible Turbine Pumps

8" Submersible Turbine Pump Ordering Information

8" 60 Hz SUBMERSIBLE TURBINE PUMP ENDS								
GPM	HP	Stages	Trim Size	Motor Bracket Size	Discharge Size	Order No.	Model No.	Weight
225	7.5	1	A	6"	4" NPT	96080225000	225ST7D8A-0164	136
					6" NPT	96080225100	225ST7D8A-0166	145
	15	2	A	6"	4" NPT	96080225001	225ST15D8A-0264	171
					6" NPT	96080225101	225ST15D8A-0266	180
	20	3	A	6"	4" NPT	96080225002	225ST20D8A-0364	206
					6" NPT	96080225102	225ST20D8A-0366	215
	25	4	B	6"	4" NPT	96080225003	225ST25D8B-0464	242
					6" NPT	96080225103	225ST25D8B-0466	250
	30	5	B	6"	4" NPT	96080225004	225ST30D8B-0564	277
					6" NPT	96080225104	225ST30D8B-0566	285
	40	6	B	6"	4" NPT	96080225005	225ST40D8B-0664	312
					6" NPT	96080225105	225ST40D8B-0666	321
	50	8	B	6"	4" NPT	96080225006	225ST50D8B-0864	382
					6" NPT	96080225106	225ST50D8B-0866	391
	60	10	B	6"	4" NPT	96080225007	225ST60D8B-1064	453
					6" NPT	96080225107	225ST60D8B-1066	461
75	12	B	8"	4" NPT	96080225203	225ST75D8B-1284	546	
				6" NPT	96080225303	225ST75D8B-1286	554	
100	16	B	8"	4" NPT	96080225204	225ST100D8B-1684	686	
				6" NPT	96080225304	225ST100D8B-1686	695	
125	18	A	8"	4" NPT	96080225205	225ST125D8A-1884	757	
				6" NPT	96080225305	225ST125D8A-1886	765	
275	10	1	A	6"	4" NPT	96080275000	275ST10D8A-0164	136
					6" NPT	96080275100	275ST10D8A-0166	145
	20	2	A	6"	4" NPT	96080275001	275ST20D8A-0264	171
					6" NPT	96080275101	275ST20D8A-0266	180
	30	3	A	6"	4" NPT	96080275002	275ST30D8A-0364	206
					6" NPT	96080275102	275ST30D8A-0366	215
	40	4	A	6"	4" NPT	96080275003	275ST40D8A-0464	242
					6" NPT	96080275103	275ST40D8A-0466	250
	50	5	A	6"	4" NPT	96080275004	275ST50D8A-0564	277
					6" NPT	96080275104	275ST50D8A-0566	285
	60	6	A	6"	4" NPT	96080275005	275ST60D8A-0664	312
					6" NPT	96080275105	275ST60D8A-0666	321
	75	8	B	8"	4" NPT	96080275203	275ST75D8B-0864	405
					6" NPT	96080275303	275ST75D8B-0866	413
	100	10	B	8"	4" NPT	96080275204	275ST100D8B-1084	475
					6" NPT	96080275304	275ST100D8B-1086	483
125	14	B	8"	4" NPT	96080275205	275ST125D8B-1484	616	
				6" NPT	96080275305	275ST125D8B-1486	625	
350	7.5	1	B	6"	4" NPT	96080350000	350ST7D8B-0164	130
					6" NPT	96080350100	350ST7D8B-0166	138
	10	1	A	6"	4" NPT	96080350001	350ST10D8A-0164	130
					6" NPT	96080350101	350ST10D8A-0166	138
	15	2	B	6"	4" NPT	96080350002	350ST15D8B-0264	162
					6" NPT	96080350102	350ST15D8B-0266	170
	20	3	B	6"	4" NPT	96080350004	350ST20D8B-0364	193
					6" NPT	96080350104	350ST20D8B-0366	202
	30	3	A	6"	4" NPT	96080350005	350ST30D8A-0364	193
					6" NPT	96080350105	350ST30D8A-0366	202
	40	6	B	6"	4" NPT	96080350008	350ST40D8B-0664	289
					6" NPT	96080350108	350ST40D8B-0666	298
	50	7	B	6"	4" NPT	96080350010	350ST50D8B-0766	321
					6" NPT	96080350110	350ST50D8B-0764	330
	60	9	B	6"	4" NPT	96080350012	350ST60D8B-0964	385
					6" NPT	96080350112	350ST60D8B-0966	393
75	11	B	8"	4" NPT	96080350207	350ST75D8B-1184	471	
				6" NPT	96080350307	350ST75D8B-1186	479	
100	11	A	8"	4" NPT	96080350208	350ST100D8A-1184	471	
				6" NPT	96080350308	350ST100D8A-1186	479	
125	13	A	8"	4" NPT	96080350210	350ST125D8A-1384	535	
				6" NPT	96080350310	350ST125D8A-1386	543	

Submersible Turbine Pumps

8" Submersible Turbine Pump Ordering Information

PAGE: SP-255

DATE: Sept 1, 2007

8" 60 Hz SUBMERSIBLE TURBINE PUMP ENDS								
GPM	HP	Stages	Trim Size	Motor Bracket Size	Discharge Size	Order No.	Model No.	Weight
450	15	1	B	6"	4" NPT	96080450000	450ST15D8B-0164	130
					6" NPT	96080450100	450ST15D8B-0166	138
	20	1	A	6"	4" NPT	96080450001	450ST20D8A-0164	130
					6" NPT	96080450101	450ST20D8A-0166	138
	25	2	B	6"	4" NPT	96080450002	450ST25D8B-0264	162
					6" NPT	96080450102	450ST25D8B-0266	170
	40	3	B	6"	4" NPT	96080450003	450ST40D8B-0364	193
					6" NPT	96080450103	450ST40D8B-0366	202
	50	3	A	6"	4" NPT	96080450004	450ST50D8A-0364	193
					6" NPT	96080450104	450ST50D8A-0366	202
	60	5	B	6"	4" NPT	96080450005	450ST60D8B-0564	257
					6" NPT	96080450105	450ST60D8B-0566	266
	75	6	B	8"	4" NPT	96080450203	450ST75D8B-0684	311
					6" NPT	96080450303	450ST75D8B-0686	320
100	8	B	8"	4" NPT	96080450204	450ST100D8B-0884	375	
				6" NPT	96080450304	450ST100D8B-0886	384	
125	10	B	8"	4" NPT	96080450205	450ST125D8B-1084	439	
				6" NPT	96080450305	450ST125D8B-1086	448	
550	10	1	B	6"	4" NPT	96080550000	550ST10D8B-0164	137
					6" NPT	96080550100	550ST10D8B-0166	146
	20	2	B	6"	4" NPT	96080550002	550ST20D8B-0264	172
					6" NPT	96080550102	550ST20D8B-0266	181
	30	3	B	6"	4" NPT	96080550004	550ST30D8B-0364	208
					6" NPT	96080550104	550ST30D8B-0366	217
	40	4	B	6"	4" NPT	96080550006	550ST40D8B-0464	243
					6" NPT	96080550106	550ST40D8B-0466	252
	50	4	A	6"	4" NPT	96080550007	550ST50D8A-0464	243
					6" NPT	96080550107	550ST50D8A-0466	252
	60	6	B	6"	4" NPT	96080550009	550ST60D8B-0664	314
					6" NPT	96080550109	550ST60D8B-0666	323
	75	6	A	8"	4" NPT	96080550205	550ST75D8A-0684	337
					6" NPT	96080550305	550ST75D8A-0686	345
100	8	A	8"	4" NPT	96080550207	550ST100D8A-0884	408	
				6" NPT	96080550307	550ST100D8A-0886	416	
125	10	A	8"	4" NPT	96080550209	550ST125D8A-1084	479	
				6" NPT	96080550309	550ST125D8A-1086	487	
700	20	1	A	6"	4" NPT	96080700000	700ST20D8A-0164	137
					6" NPT	96080700100	700ST20D8A-0166	146
	40	2	A	6"	4" NPT	96080700001	700ST40D8A-0264	172
					6" NPT	96080700101	700ST40D8A-0266	181
	50	3	B	6"	4" NPT	96080700002	700ST50D8B-0364	208
					6" NPT	96080700102	700ST50D8B-0366	217
	60	3	A	6"	4" NPT	96080700003	700ST60D8A-0364	208
					6" NPT	96080700103	700ST60D8A-0366	217
	75	4	B	8"	4" NPT	96080700203	700ST75D8B-0484	266
					6" NPT	96080700303	700ST75D8B-0486	274
	100	6	B	8"	4" NPT	96080700205	700ST100D8B-0684	337
					6" NPT	96080700305	700ST100D8B-0686	345
	125	7	B	8"	4" NPT	96080700206	700ST125D8B-0784	372
					6" NPT	96080700306	700ST125D8B-0786	381

Note: 40-60 hp 8" motor bracket adapter option available



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklin-electric.com

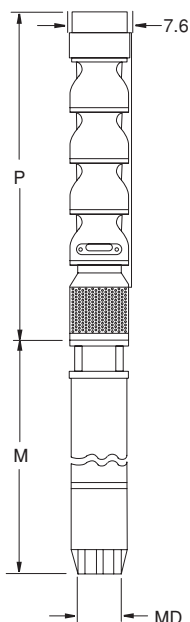
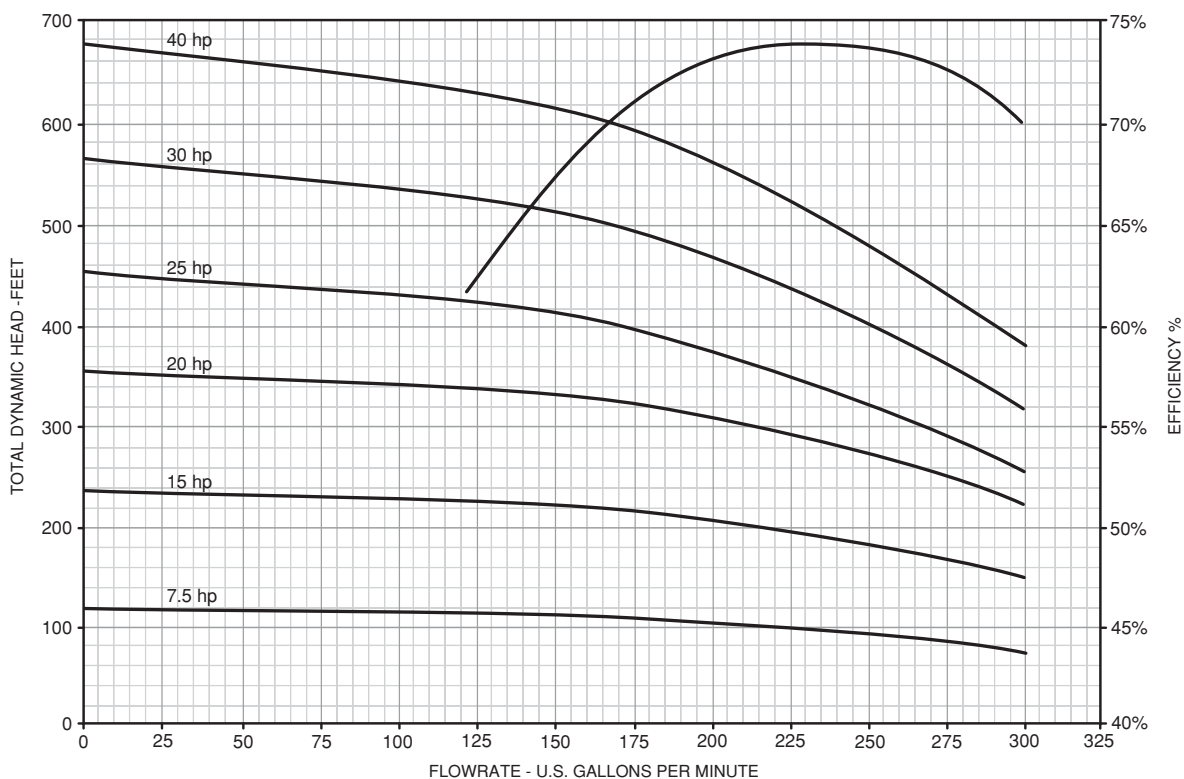
Submersible Turbine Pumps

Model 225ST8 Performance

PAGE: SP-260

DATE: Sept 1, 2007

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
7.5	1	A	6"	4"	26	24	5.38	110	136
				6"	26	24	5.38	110	145
15	2	A	6"	4"	31	28	5.38	131	171
				6"	31	28	5.38	131	180
20	3	A	6"	4"	37	31	5.38	147	206
				6"	37	31	5.38	147	215
25	4	B	6"	4"	42	33	5.38	158	242
				6"	42	33	5.38	158	250
30	5	B	6"	4"	48	36	5.38	176	277
				6"	48	36	5.38	176	285
40	6	B	6"	4"	53	41	5.38	206	312
				6"	53	41	5.38	206	321

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

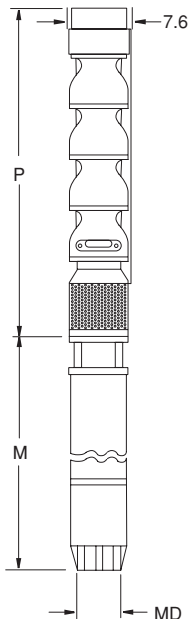
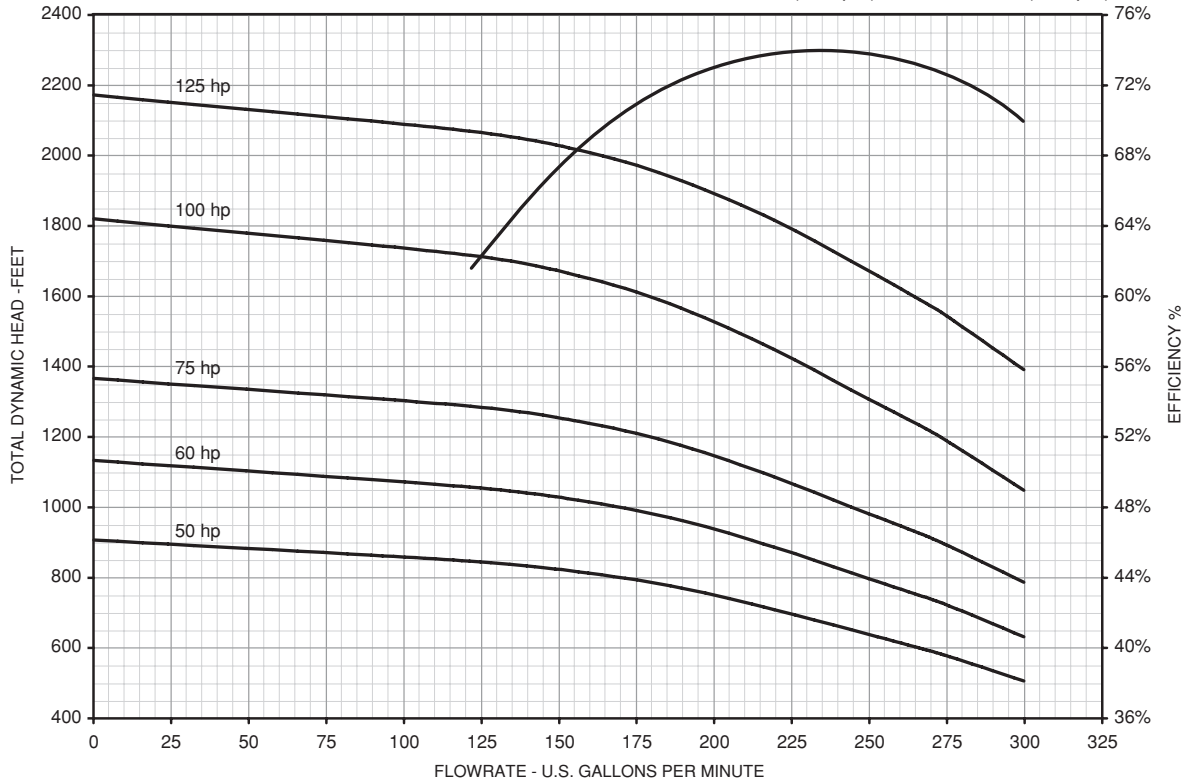
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Submersible Turbine Pumps

Model 225ST8 Performance

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt	Pump Wt
					Inches	Inches	Inches	Lbs.	Lbs.
50	8	B	6"	4"	64	55	5.38	304	382
				6"	64	55	5.38	304	391
60	10	B	6"	4"	75	61	5.38	334	453
				6"	75	61	5.38	334	461
75	12	B	8"	4"	88	47	7.70	430	546
				6"	88	47	7.70	430	554
100	16	B	8"	4"	110	55	7.70	530	686
				6"	110	55	7.70	530	695
125	18	A	8"	4"	121	69	7.70	700	757
				6"	121	69	7.70	700	765

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

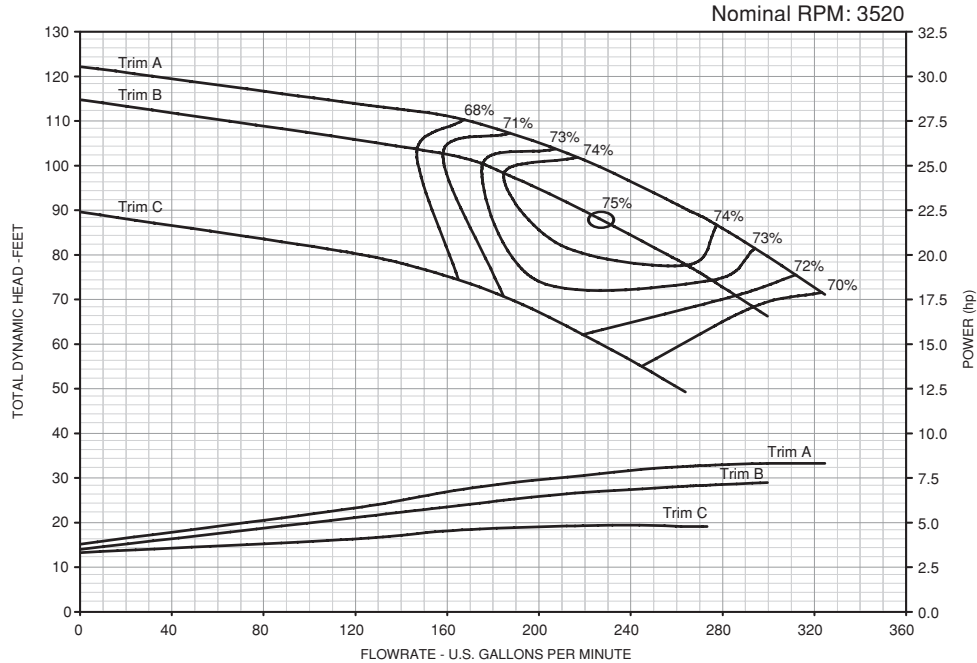


Franklin Electric

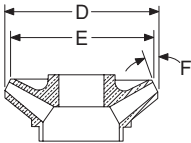
400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

Model 225ST8 Performance

PAGE: SP-265
DATE: Sept 1, 2007



Note: Efficiencies are typical, not guaranteed. Efficiency derate for low stage count pumps- 1 stage-2%, 2 stage-1%
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.705	5.400	20 °
B	5.561	5.250	20 °
C	5.083	4.750	20 °



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

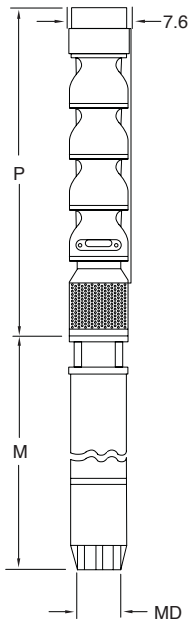
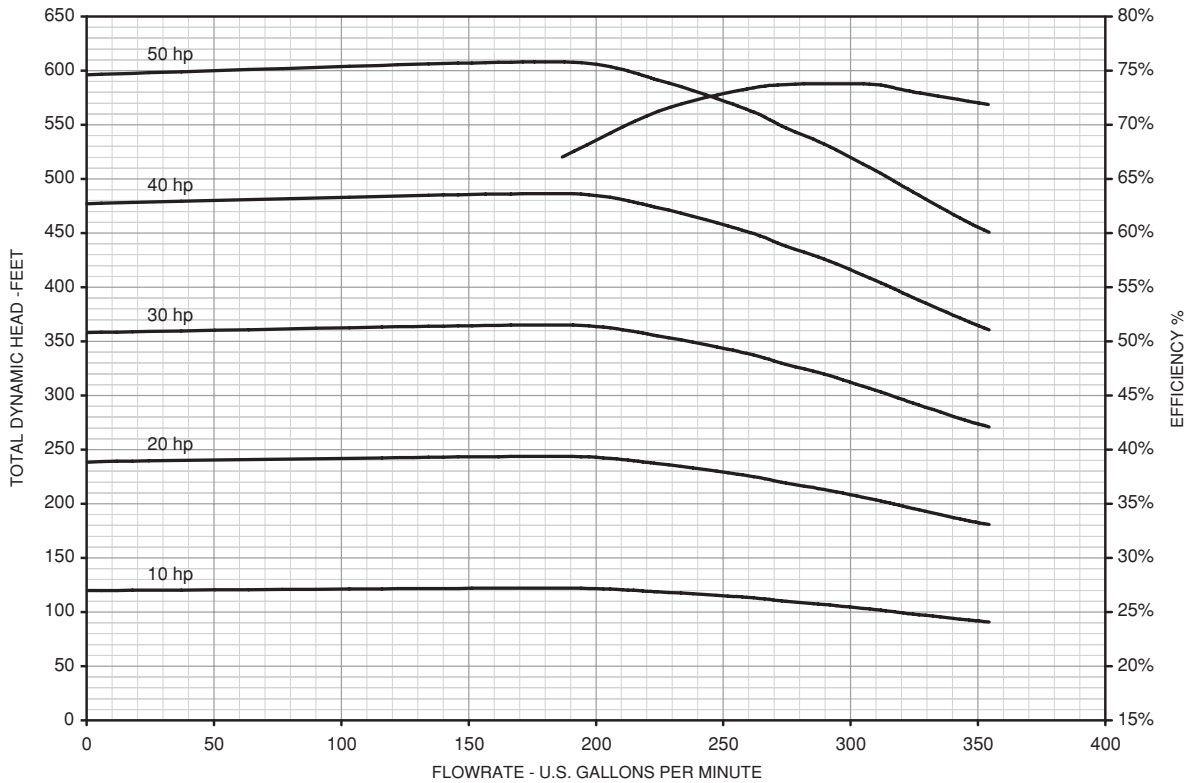
Submersible Turbine Pumps

Model 275ST8 Performance

PAGE: SP-270

DATE: Sept 1, 2007

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
10	1	A	6"	4"	26	25	5.38	118	136
				6"	26	25	5.38	118	145
20	2	A	6"	4"	31	31	5.38	147	171
				6"	31	31	5.38	147	180
30	3	A	6"	4"	37	36	5.38	176	206
				6"	37	36	5.38	176	215
40	4	A	6"	4"	42	41	5.38	206	242
				6"	42	41	5.38	206	250
50	5	A	6"	4"	48	55	5.38	304	277
				6"	48	55	5.38	304	285

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

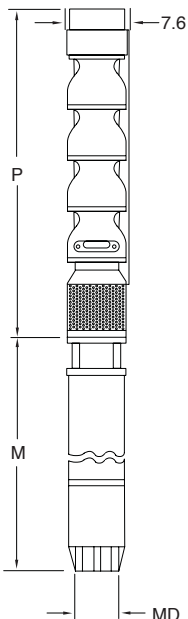
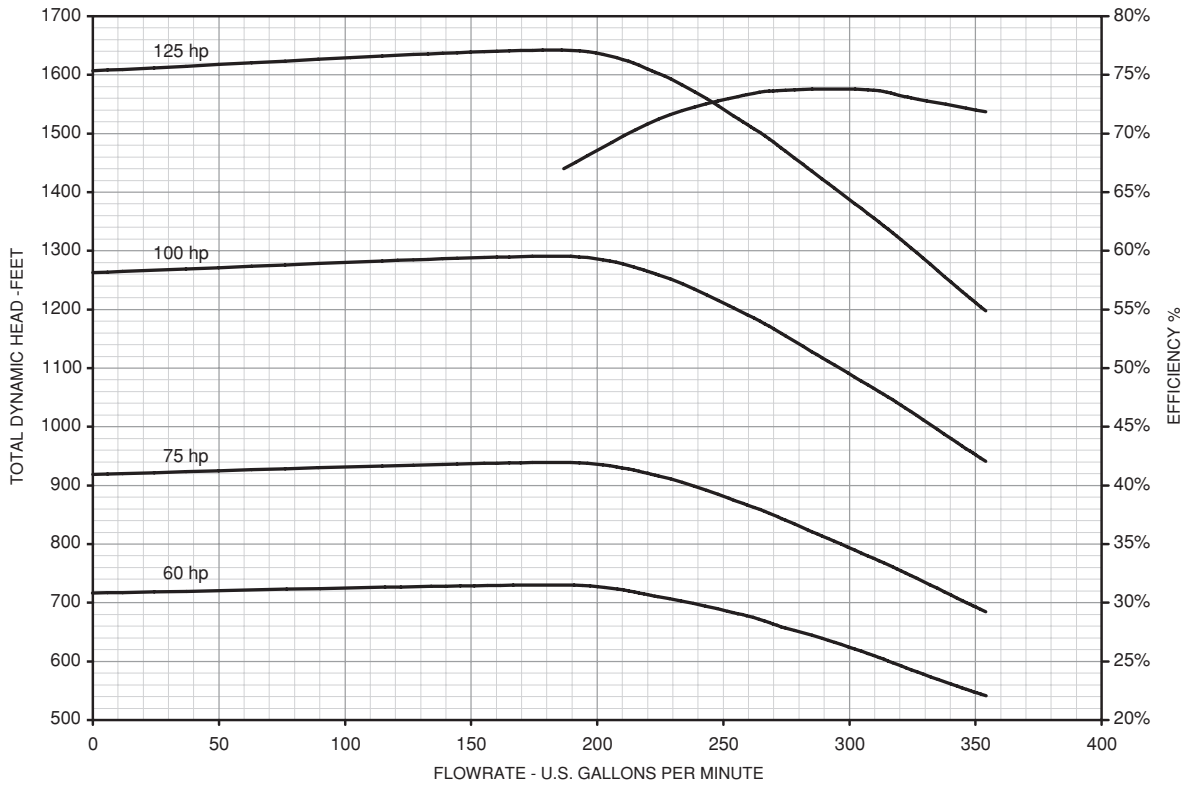
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Submersible Turbine Pumps

Model 275ST8 Performance

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
60	6	A	6"	4"	53	61	5.38	334	312
				6"	53	61	5.38	334	321
75	8	B	8"	4"	65	47	7.70	430	405
				6"	65	47	7.70	430	413
100	10	B	8"	4"	76	55	7.70	530	475
				6"	76	55	7.70	530	483
125	14	B	8"	4"	99	69	7.70	700	616
				6"	99	69	7.70	700	625

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.



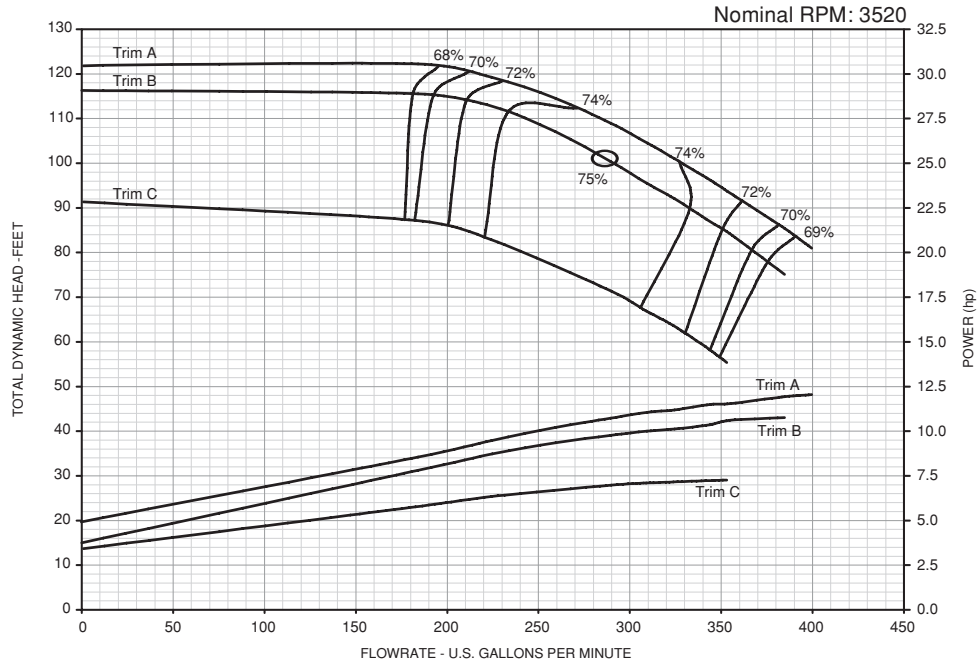
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

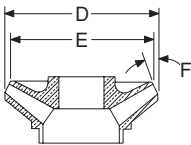
Model 275ST8 Performance

PAGE: SP-275

DATE: Sept 1, 2007



Note: Efficiencies are typical, not guaranteed. Efficiency derate for low stage count pumps- 1 stage-2%, 2 stage-1%
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.705	5.400	20°
B	5.562	5.250	20°
C	5.084	4.750	20°



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



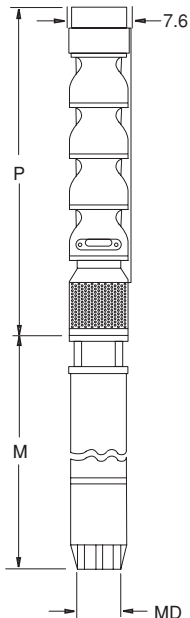
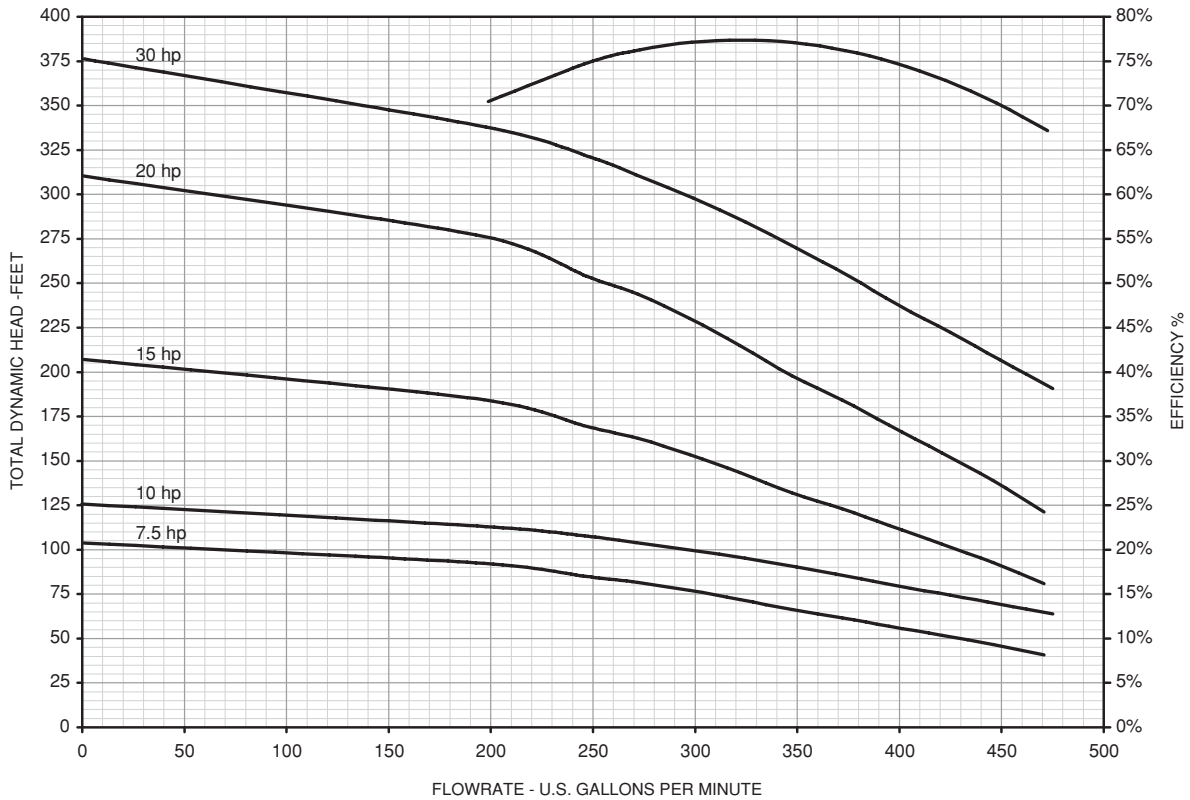
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Model 350ST8 Performance

PAGE: SP-280
DATE: Sept 1, 2007

Nominal RPM: 3520
Based on Fresh Water @ 68 °F.
Maximum Working Pressure:
Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
7.5	1	B	6"	4"	26	24	5.38	110	130
				6"	26	24	5.38	110	138
10	1	A	6"	4"	26	25	5.38	118	130
				6"	26	25	5.38	118	138
15	2	B	6"	4"	33	28	5.38	131	161
				6"	33	28	5.38	131	170
20	3	B	6"	4"	39	31	5.38	147	193
				6"	39	31	5.38	147	202
30	3	A	6"	4"	39	36	5.38	176	193
				6"	39	36	5.38	176	202

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

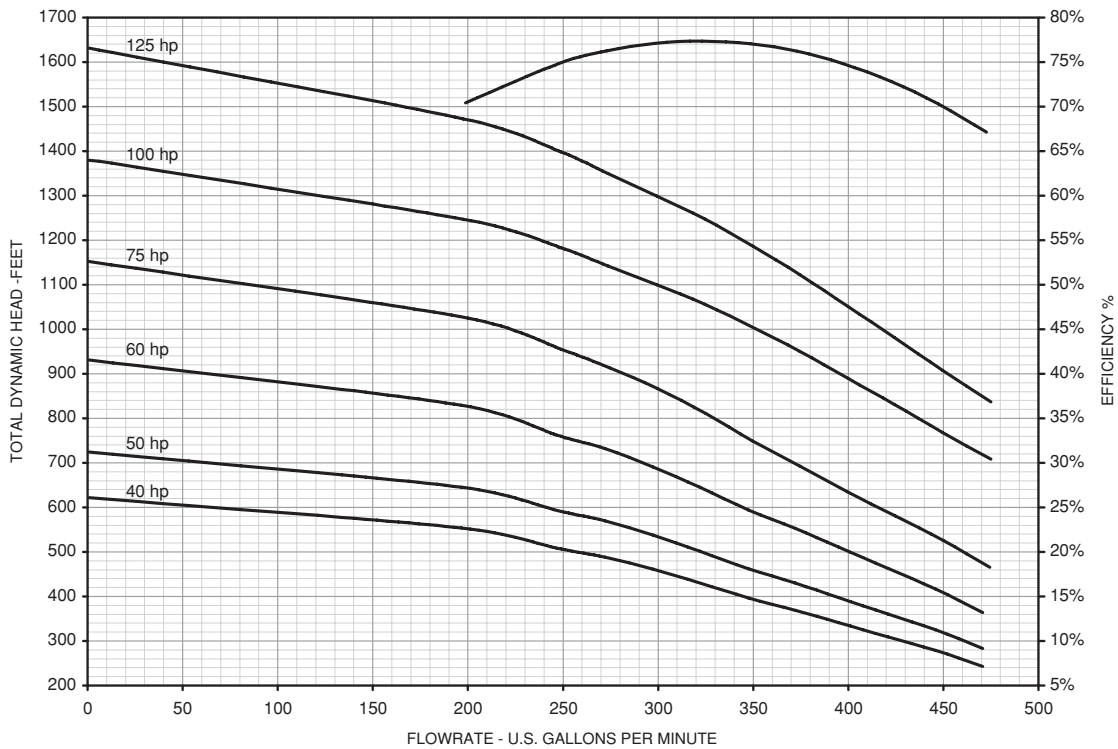
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

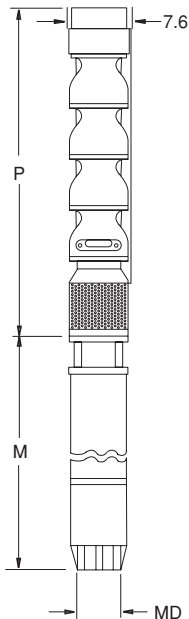
Submersible Turbine Pumps

Model 350ST8 Performance

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information



HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
40	6	B	6"	4"	58	41	5.38	206	289
				6"	58	41	5.38	206	298
50	7	B	6"	4"	65	55	5.38	304	321
				6"	65	55	5.38	304	329
60	9	B	6"	4"	77	61	5.38	334	385
				6"	77	61	5.38	334	393
75	11	B	8"	4"	92	47	7.70	430	471
				6"	92	47	7.70	430	479
100	11	A	8"	4"	92	55	7.70	530	471
				6"	92	55	7.70	530	479
125	13	A	8"	4"	104	69	7.70	700	534
				6"	104	69	7.70	700	543

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

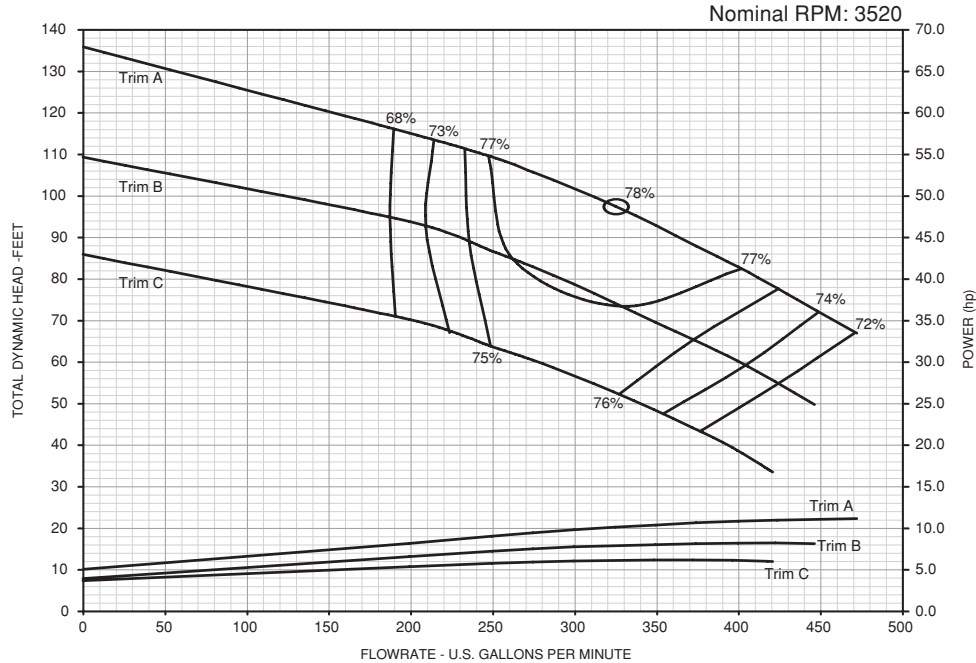


Franklin Electric

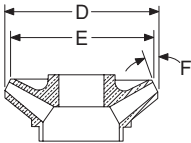
400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklin-electric.com

Model 350ST8 Performance

PAGE: SP-285
DATE: Sept 1, 2007



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.701	5.250	20 °
B	5.229	4.750	20 °
C	4.757	4.250	20 °



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



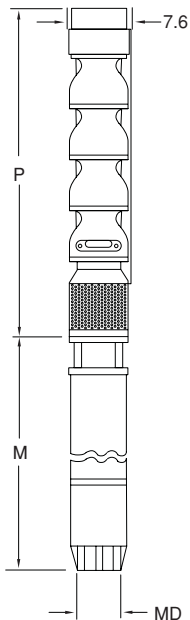
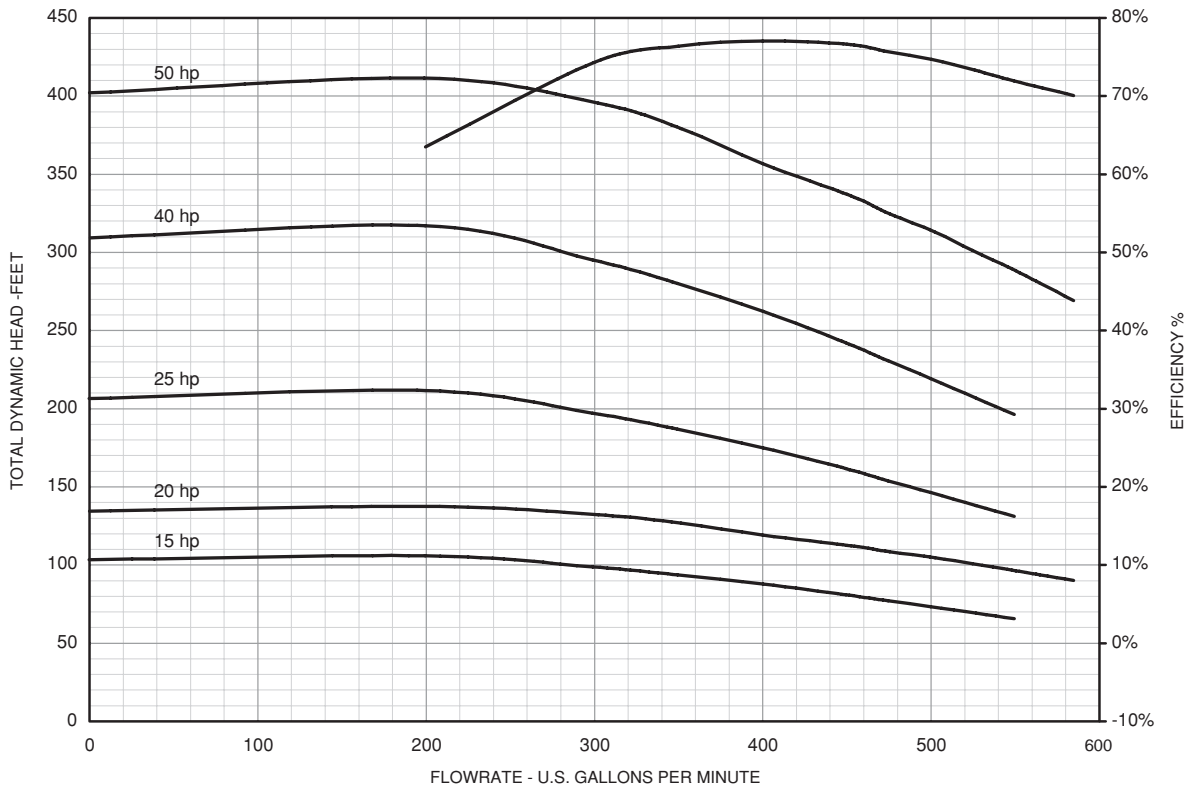
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Model 450ST8 Performance

PAGE: SP-290
DATE: Sept 1, 2007

Nominal RPM: 3520
Based on Fresh Water @ 68 °F.
Maximum Working Pressure:
Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
15	1	B	6"	4"	26	28	5.38	131	130
				6"	26	28	5.38	131	138
20	1	A	6"	4"	26	31	5.38	147	130
				6"	26	31	5.38	147	138
25	2	B	6"	4"	33	33	5.38	156	161
				6"	33	33	5.38	156	170
40	3	B	6"	4"	39	41	5.38	206	193
				6"	39	41	5.38	206	202
50	3	A	6"	4"	39	55	5.38	304	193
				6"	39	55	5.38	304	202

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

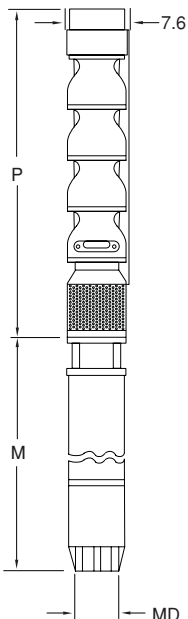
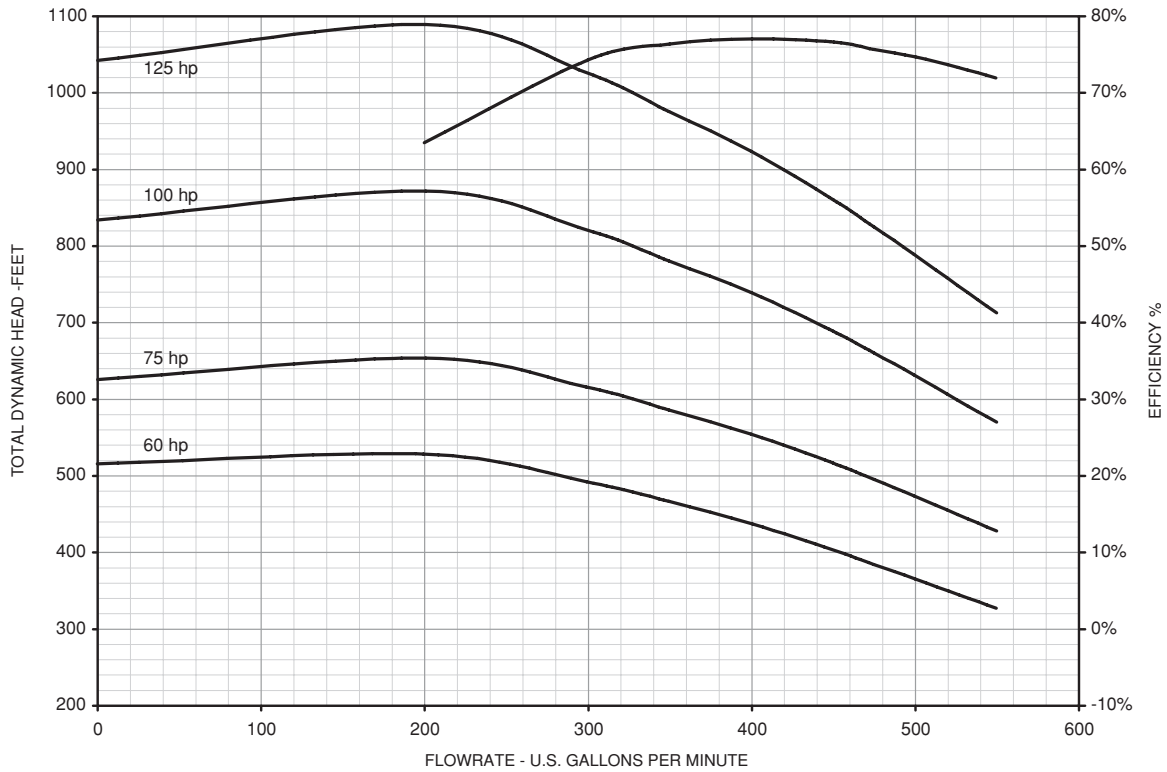
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Submersible Turbine Pumps

Model 450ST8 Performance

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt	Pump Wt
					Inches	Inches	Inches	Lbs.	Lbs.
60	5	B	6"	4"	52	61	5.38	334	257
				6"	52	61	5.38	334	266
75	6	B	8"	4"	60	47	7.7	430	311
				6"	60	47	7.7	430	320
100	8	B	8"	4"	72	55	7.7	530	375
				6"	72	55	7.7	530	384
125	10	B	8"	4"	85	69	7.7	700	439
				6"	85	69	7.7	700	447

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

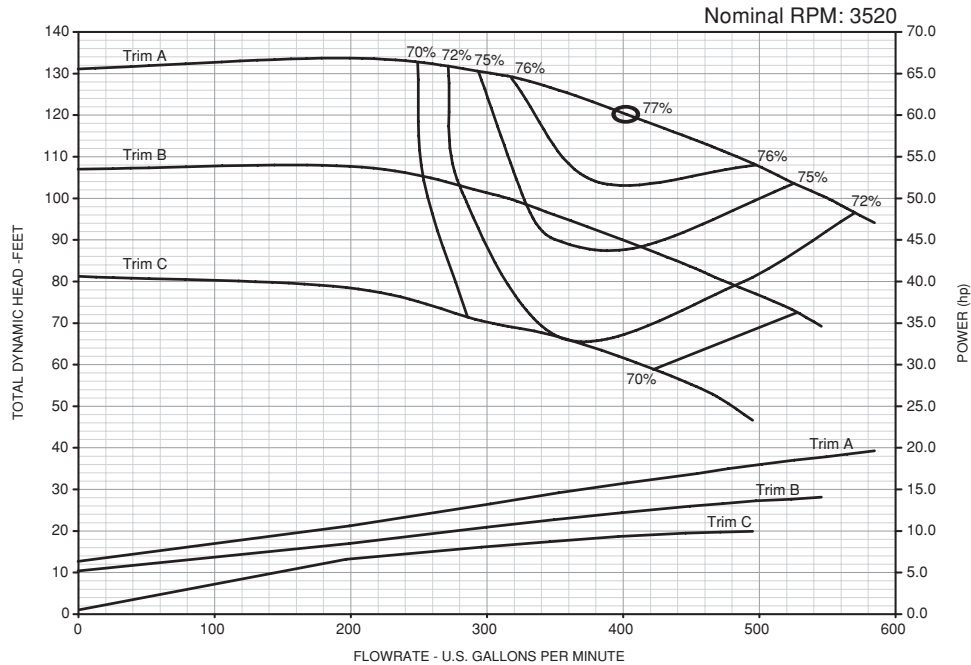
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

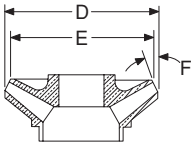


Model 450ST8 Performance

PAGE: SP-295
DATE: Sept 1, 2007



Note: Efficiencies are typical, not guaranteed.
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.720	5.287	20 °
B	5.302	4.842	20 °
C	4.835	4.349	20 °



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



Franklin Electric

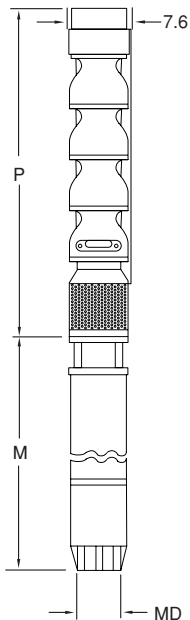
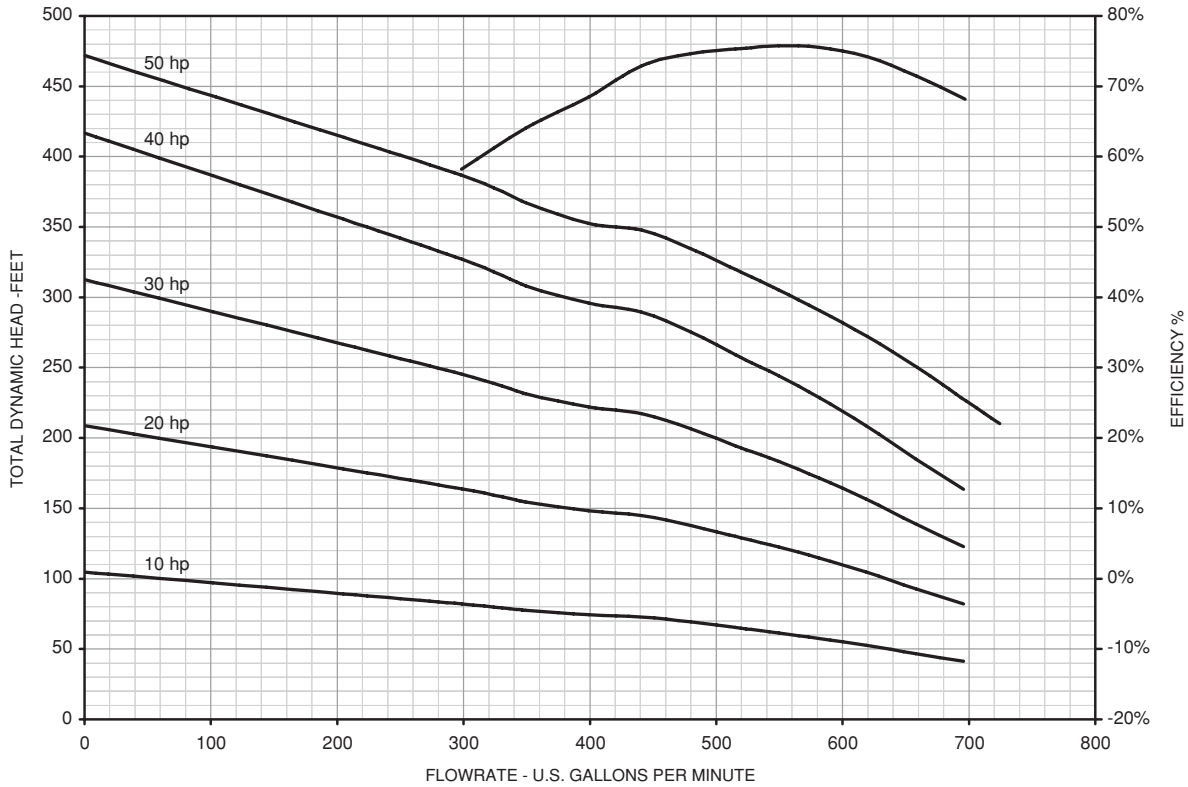
400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Submersible Turbine Pumps

Model 550ST8 Performance

PAGE: SP-300
DATE: Sept 1, 2007

Nominal RPM: 3520
Based on Fresh Water @ 68 °F.
Maximum Working Pressure:
Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt Lbs.	Pump Wt Lbs.
					Inches	Inches	Inches		
10	1	B	6"	4"	27	25	5.38	118	137
				6"	27	25	5.38	118	146
20	2	B	6"	4"	34	31	5.38	147	172
				6"	34	31	5.38	147	181
30	3	B	6"	4"	41	36	5.38	176	208
				6"	41	36	5.38	176	217
40	4	B	6"	4"	48	41	5.38	206	243
				6"	48	41	5.38	206	252
50	4	A	6"	4"	48	55	5.38	304	243
				6"	48	55	5.38	304	252

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

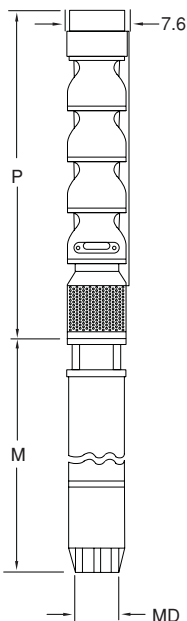
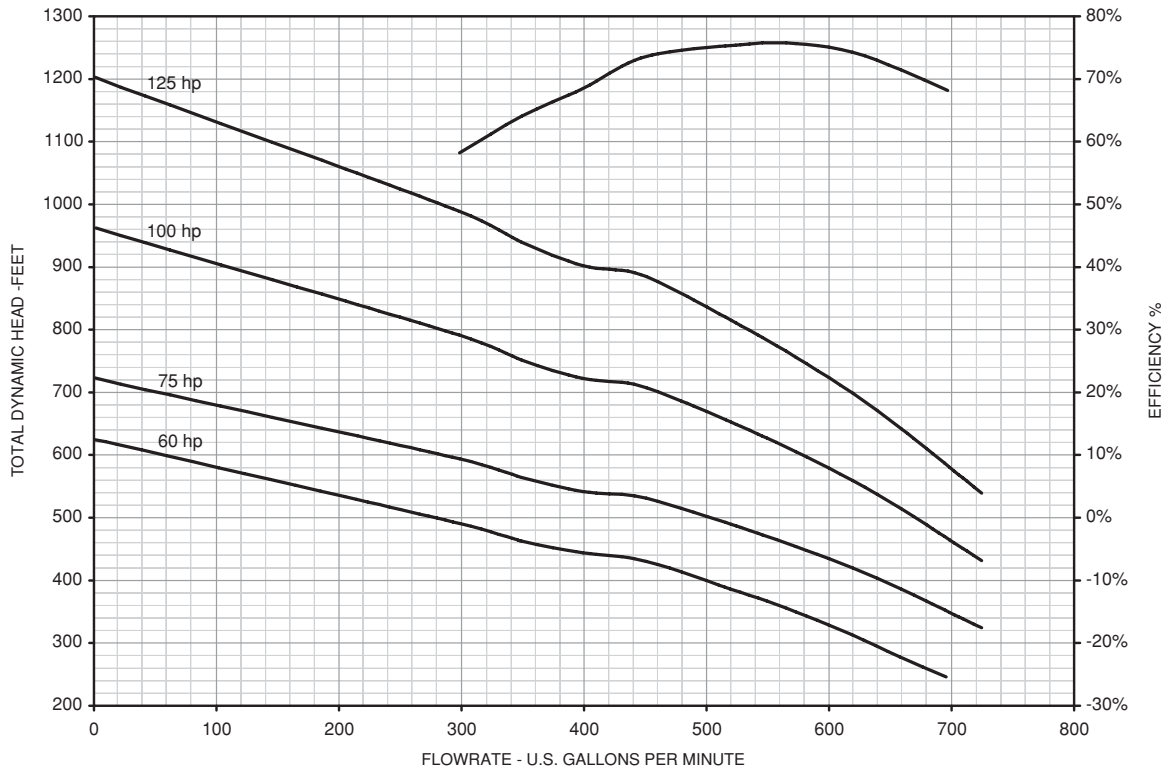
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Submersible Turbine Pumps

Model 550ST8 Performance

Nominal RPM: 3520
 Based on Fresh Water @ 68 °F.
 Maximum Working Pressure:
 Standard (600 psi) Double Bolted (950 psi)



Dimension Information

HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt	Pump Wt
					Inches	Inches	Inches	Lbs.	Lbs.
60	6	B	6"	4"	63	61	5.38	334	314
				6"	63	61	5.38	334	323
75	6	A	8"	4"	64	47	7.70	430	337
				6"	64	47	7.70	430	345
100	8	B	8"	4"	78	55	7.70	530	408
				6"	78	55	7.70	530	416
125	10	B	8"	4"	92	69	7.70	700	479
				6"	92	69	7.70	700	487

Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

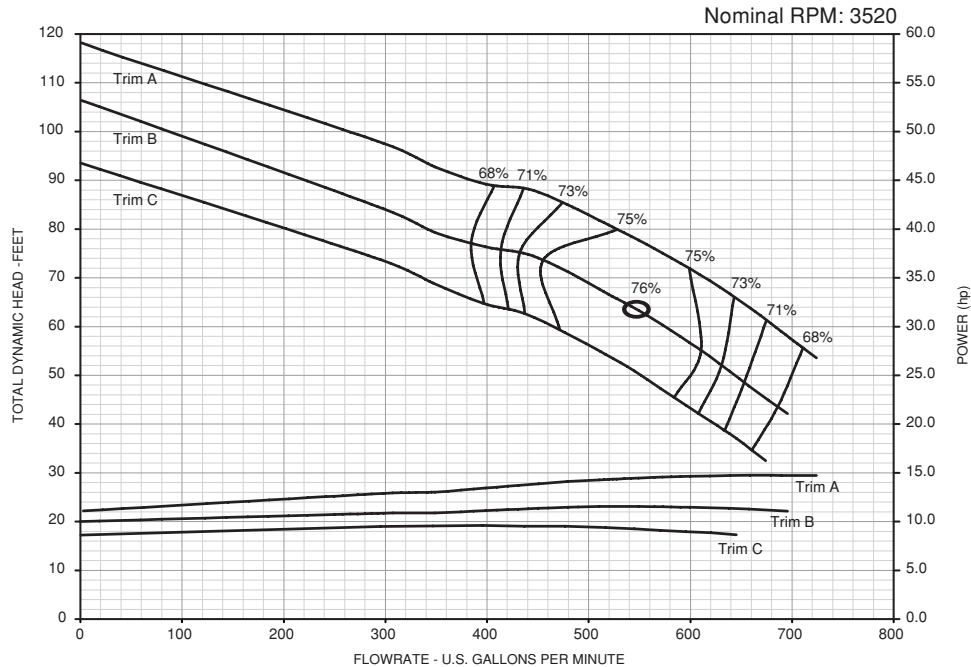
Note: Refer to Franklin Electric AIM data for motor cooling requirements.



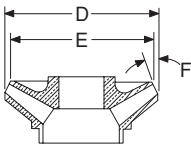
Model 550ST8 Performance

PAGE: SP-305

DATE: Sept 1, 2007



Note: Efficiencies are typical, not guaranteed. Efficiency derate for low stage count pumps- 1 stage-3%, 2 stage-2%, 3 stage-3%
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.674	5.000	17°
B	5.371	4.661	17°
C	5.227	4.500	17°



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304



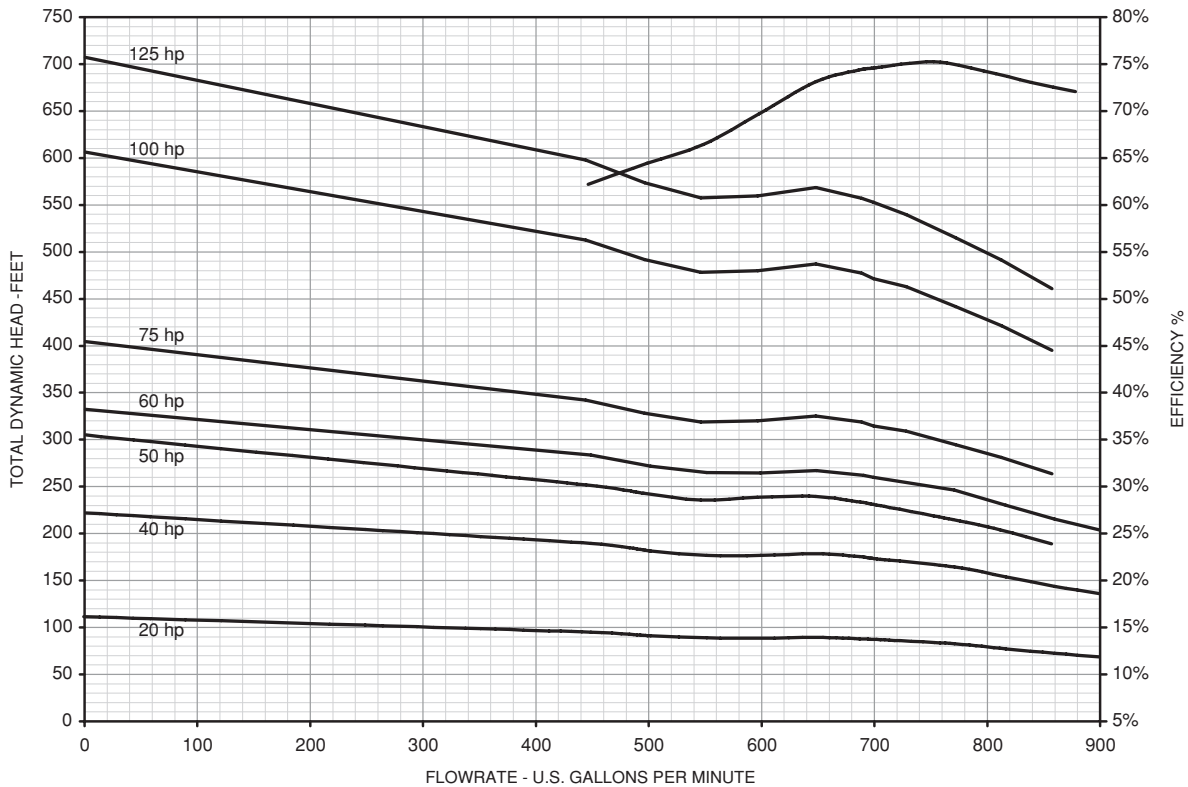
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

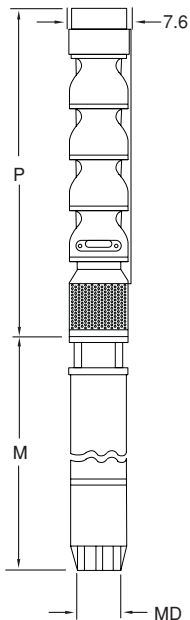
Model 700ST8 Performance

PAGE: SP-310
DATE: Sept 1, 2007

Nominal RPM: 3520
Based on Fresh Water @ 68 °F.
Maximum Working Pressure:
Standard (600 psi) Double Bolted (950 psi)



Dimension Information



HP	Stages	Trim	Motor Size	Disch. Size	P	M*	MD*	Motor Wt	Pump Wt
					Inches	Inches	Inches	Lbs.	Lbs.
20	1	A	6"	4"	27	31	5.38	147	137
				6"	27	31	5.38	147	146
40	2	A	6"	4"	34	41	5.38	206	172
				6"	34	41	5.38	206	181
50	3	B	6"	4"	41	55	5.38	176	208
				6"	41	55	5.38	176	217
60	3	A	6"	4"	41	61	5.38	334	208
				6"	41	61	5.38	334	217
75	4	B	8"	4"	50	47	7.70	430	266
				6"	50	47	7.70	430	274
100	6	B	8"	4"	64	55	7.70	530	337
				6"	64	55	7.70	530	345
125	7	B	8"	4"	71	69	7.70	700	372
				6"	71	69	7.70	700	381

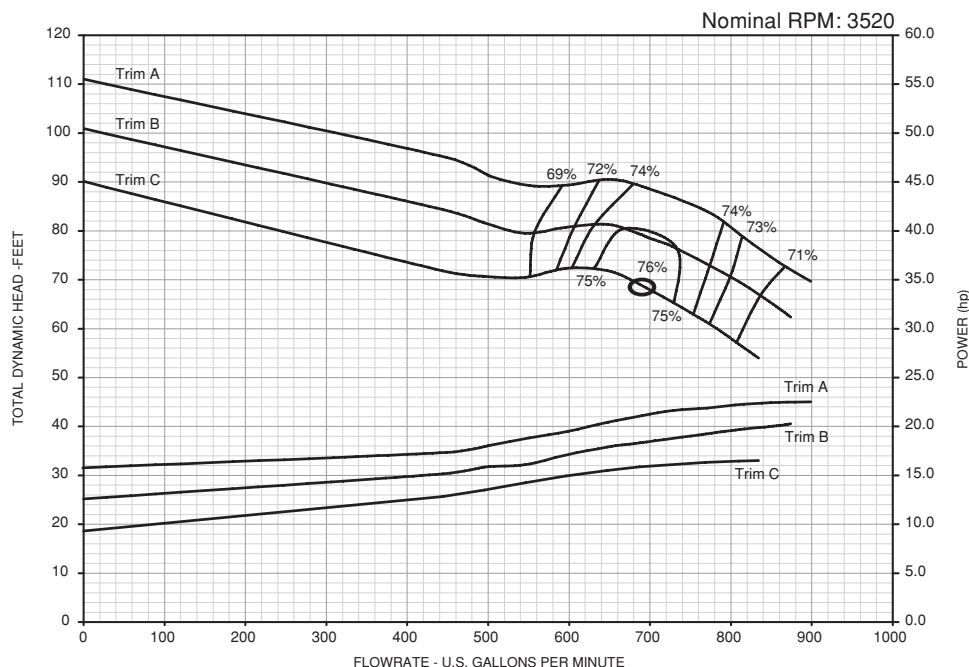
Note: *MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor

Specifications

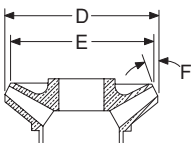
Minimum Well I.D.	8"
Minimum Submergence @ BEP (above inlet)	10 Feet
Discharge	4" or 6" NPT

Note: Refer to Franklin Electric AIM data for motor cooling requirements.

Model 700ST8 Performance



Note: Efficiencies are typical, not guaranteed. Efficiency derate for low stage count pumps- 1 stage-3%, 2 stage-2%, 3 stage-1%
Pumps are intentionally designed to utilize some portion of the motors 1.15 service factor.
Bowl #13 begins transition to double-bolted (8 bolts @ bottom, 16 bolts @ top)



Impeller Dimensions

Trim	D Diameter	E Diameter	F Angle
A	5.672	4.980	17°
B	5.451	4.742	17°
C	5.225	4.500	17°



Materials of Construction

Part Name	Common Material Name	Material Spec Number
Discharge Bracket	Ductile Iron	A536 65-45-12
Top Bowl	Ductile Iron	A536 65-45-12
Intermediate Bowl	Ductile Iron	A536 65-45-12
Bearings, Disch. & Suction	Bronze	B505 C932
Impeller	Stainless Steel	A743 CF-8
Pump Shaft	Stainless Steel	A582 416
Suction Bracket	Ductile Iron	A536 65-45-12
Bowl Bearing	Rubber	Nitrile
Sand Collar	Stainless Steel	A276
Suction Screen	Stainless Steel	A666
Cable Guard	Stainless Steel	A666
Shaft Coupling	Stainless Steel	A276
Upthrust Bolt	Stainless Steel	A320 304
Taper Lock	Stainless Steel	A276
Bolting	Stainless Steel	A320 304

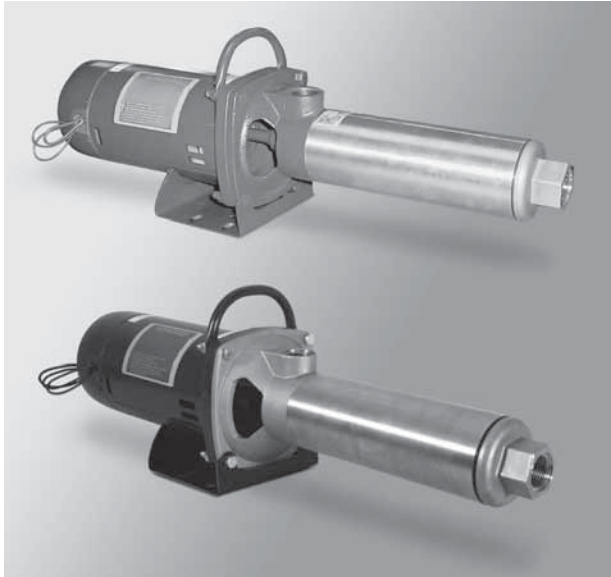


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

HB4 Series Horizontal Booster Pumps

PAGE: CP-100
DATE: June 5, 2006



Applications:

- Boosting water pressure from either city mains or private water systems.
- Pressure washing buildings and floors.
- Poultry houses.
- Spray Cooling Equipment.
- Lawn and Crop Irrigation.
- Evaporating cooling system/misters.
- Water Circulation.
- General Purpose pumping.
- Reverse Osmosis- Stainless Steel HB4
- Filtration- Stainless Steel HB4

Ordering Information

CAST IRON MODELS				
GPM	HP	Single Phase		
		Model No.	Order No.	Wt.
5	1	1FHB4P5C15-S	91270515	48
	1/2	5FHB4P8C9-S	91270809	37
8	3/4	7FHB4P8C11-S	91270811	42
	3/4	7FHB4P12C7-S	91271207	40
12	1	1FHB4P12C9-S	91271209	44
	1	1FHB4P16C7-S	91271607	43
22	1-1/2	15FHB4P22C7-S	91272207	50

NOTE: Single phase 1/2 - 2HP motors rated 115/230 volts.

STAINLESS STEEL MODELS				
GPM	HP	Single Phase		
		Model No.	Order No.	Wt.
5	1	1FHB4P5S15-S	91274822	48
	1/2	5FHB4P8S9-S	91274830	37
8	3/4	7FHB4P8S11-S	91274848	42
	3/4	7FHB4P12S7-S	91274855	40
12	1	1FHB4P12S9-S	91274863	44
	1	1FHB4P16S7-S	91274871	43
22	1-1/2	15FHB4P22S7-S	91274889	50

Cast Iron Models Features:

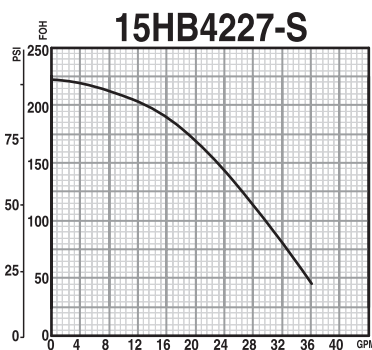
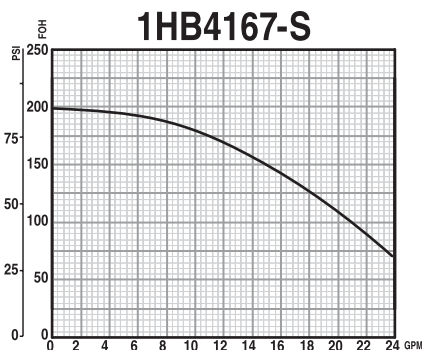
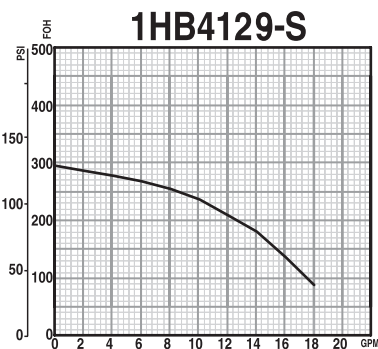
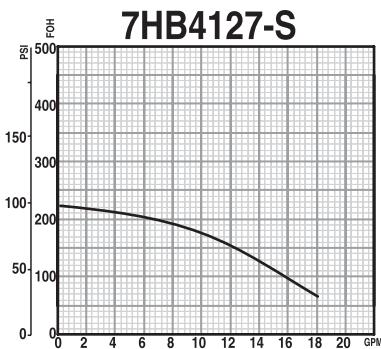
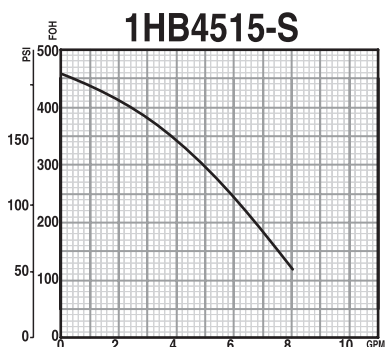
- Custom O-Ring seal for reliable high pressure sealing.
- Thermoplastic impellers and diffusers for increased efficiency.
- Open drip-proof motors.
- Standard 5/8" type 21 shaft seal.
- Durable, precision machined stainless steel shell.
- Field selectable motors- 115V or 230V.
- Convenient, sturdy carrying handle.
- Proven ceramic discharge bearing design for high resistance to abrasive materials and corrosion.
- Cast iron motor bracket and stainless steel discharge with 1" NPT.
- Two piece brass coupling for easy field serviceability.

Stainless Steel Models Features:

All of the Cast Iron features except:

- Stainless Steel motor bracket and discharge with 1"NPT.
- Two piece stainless steel coupling for easy field serviceability.
- Viton mechanical shaft seal for added chemical resistance.

HB4 Series Performance Horizontal Booster Pumps



Franklin Electric

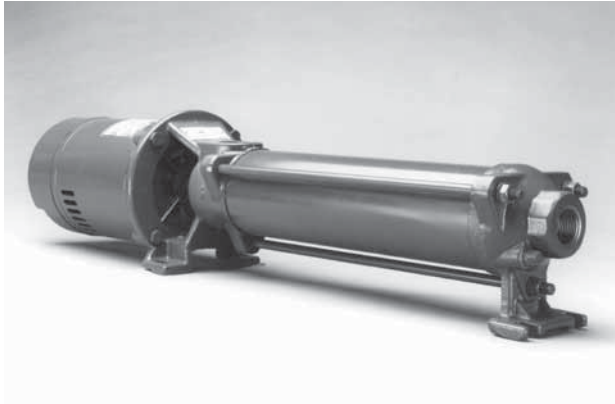
400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

H4 Series Horizontal Booster Pumps

PAGE: CP-105
DATE: June 5, 2006



FPS

H4series

This multi-purpose pump is ideal for boosting water pressure around the home, industry or farm and is constructed with field-proven premium hydraulics. Available in a variety of sizes for many applications 1/3 - 3HP and 5, 10, 18, and 25GPM performance ranges.

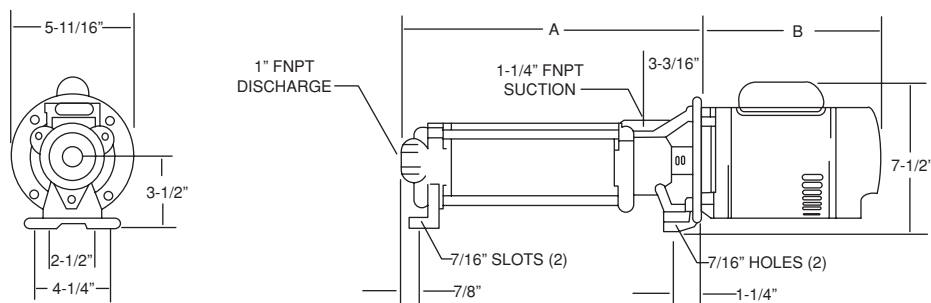
Features:

- Heavy-duty cast iron discharge housing and suction bracket for long life.
- Thermoplastic impellers and diffusers are molded for increased efficiency and include floating eye seal, ceramic shaft sleeve and rubber discharge bearing.
- Stainless Steel shell and shaft for increased durability.
- Shaft coupling for easy serviceability.
- Tie rod construction for easy disassembly.
- Cast iron support foot for extra stability.
- Open drip-proof motors.
- 1/3 and 1/2HP models have 6-foot grounded cord and carrying handle.
- Maximum water temperature is 120°F.
- Maximum operating pressure is 400 PSI.
- Handles up 150 PSI incoming pressure and handles up to 10 ft. of suction lift.

Dimensions (In inches)

Model	A	B
3FH4P5-7	14-3/16	10.19
5FH4P5-10	16-9/16	10.44
7FH4P5-14	19-3/4	11.19
1FH4P5-18	22-13/16	11.44
3FH4P10-4	12-1/4	10.19
5FH4P10-6	14-1/16	10.44
7FH4P10-9	16-11/16	11.19
1FH4P10-12	19-3/8	11.44
15FH4P10-16	22-13/16	11.94
5FH4P18-5	13-15/16	10.44
7FH4P18-7	16-1/6	11.19
1FH4P18-9	18-3/16	11.44
15FH4P18-12	21-5/6	11.94
2FH4P18-15	24-1/2	11.66
7FH4P25-5	14-13/16	11.19
1FH4P25-6	16-1/16	11.44
15FH4P25-9	19-3/4	11.94
2FH4P25-11	22-3/16	11.66
3FH4P25-16	28-1/4	12.66

NOTE: Dimensions will vary according to motor manufacturer.



H4 Series Horizontal Booster Pumps

Ordering Information

H4 HORIZONTAL BOOSTER PUMPS with OPEN DRIP PROOF MOTORS							
GPM	HP	SINGLE PHASE			THREE PHASE - 208-230/460 VOLT		
		Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
5	1/3	3FH4P57-S	91241507	35	3FH4P57-T	91243507	35
	1/2	5FH4P510-S	91241510	37	5FH4P510-T	91243510	37
	3/4	7FH4P514-S	91241514	42	7FH4P514-T	91243514	41
	1	1FH4P518-S	91241518	46	1FH4P518-T	91243518	44
10	1/3	3FH4P104-S	91242104	25	3FH4P104-T	91243104	31
	1/2	5FH4P106-S	91242106	36	5FH4P106-T	91243106	36
	3/4	7FH4P109-S	91242109	39	7FH4P109-T	91243109	38
	1	1FH4P1012-S	91242112	45	1FH4P1012-T	91243112	43
	1-1/2	15FH4P1016-S	91242116	51	15FH4P1016-T	91243116	51
18	1/2	5FH4P185-S	91242805	36	5FH4P185-T	91243805	36
	3/4	7FH4P187-S	91242807	39	7FH4P187-T	91243807	38
	1	1FH4P189-S	91242809	43	1FH4P189-T	91243809	42
	1-1/2	15FH4P1812-S	91242812	51	15FH4P1812-T	91243812	49
	2	2FH4P1815-S	91242815	55	2FH4P1815-T	91243815	55
25	3/4	7FH4P255-S	91243505	38	7FH4P255-T	91244505	37
	1	1FH4P256-S	91243506	42	1FH4P256-T	91244506	40
	1-1/2	15FH4P259-S	91243509	49	15FH4P259-T	91244509	47
	2	2FH4P2511-S	91243511	54	2FH4P2511-T	91244511	54
	3	3FH4P2516-S	91243516	65	3FH4P2516-T	91244516	64

NOTE: Single Phase 1/3 - 2HP motors rated 115/230V. Single Phase 3HP motor rated 230V. Three Phase motors rated 208-230/460V.

H4 BOOSTER PUMP ENDS					H4 BOOSTER PUMPS - 575 VOLT		
GPM	HP	PUMP ENDS			THREE PHASE - 575VOLT		
		Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
5	1/3	3FH4P57	91240507	22	3FH4P57-T5	91244507	35
	1/2	5FH4P510	91240510	23	5FH4P510-T5	91244510	37
	3/4	7FH4P514	91240514	25	7FH4P514-T5	91244514	41
	1	1FH4P518	91240518	26	1FH4P518-T5	91244518	44
10	1/3	3FH4P104	91241004	17	3FH4P104-T5	91244104	31
	1/2	5FH4P106	91241006	22	5FH4P106-T5	91244106	36
	3/4	7FH4P109	91241009	21	7FH4P109-T5	91244109	38
	1	1FH4P1012	91241012	24	1FH4P1012-T5	91244112	43
	1-1/2	15FH4P1016	91241016	26	15FH4P1016-T5	91244116	51
18	1/2	5FH4P185	91241805	22	5FH4P185-T5	91244805	36
	3/4	7FH4P187	91241807	22	7FH4P187-T5	91244807	38
	1	1FH4P189	91241809	23	1FH4P189-T5	91244809	42
	1-1/2	15FH4P1812	91241812	25	15FH4P1812-T5	91244812	49
	2	2FH4P1815	91241815	27	2FH4P1815-T5	91244815	55
25	3/4	7FH4P255	91242505	22	7FH4P255-T5	91245505	37
	1	1FH4P256	91242506	22	1FH4P256-T5	91245506	40
	1-1/2	15FH4P259	91242509	24	15FH4P259-T5	91245509	47
	2	2FH4P2511	91242511	25	2FH4P2511-T5	91245511	54
	3	3FH4P2516	91242516	28	3FH4P2516-T5	91245516	64

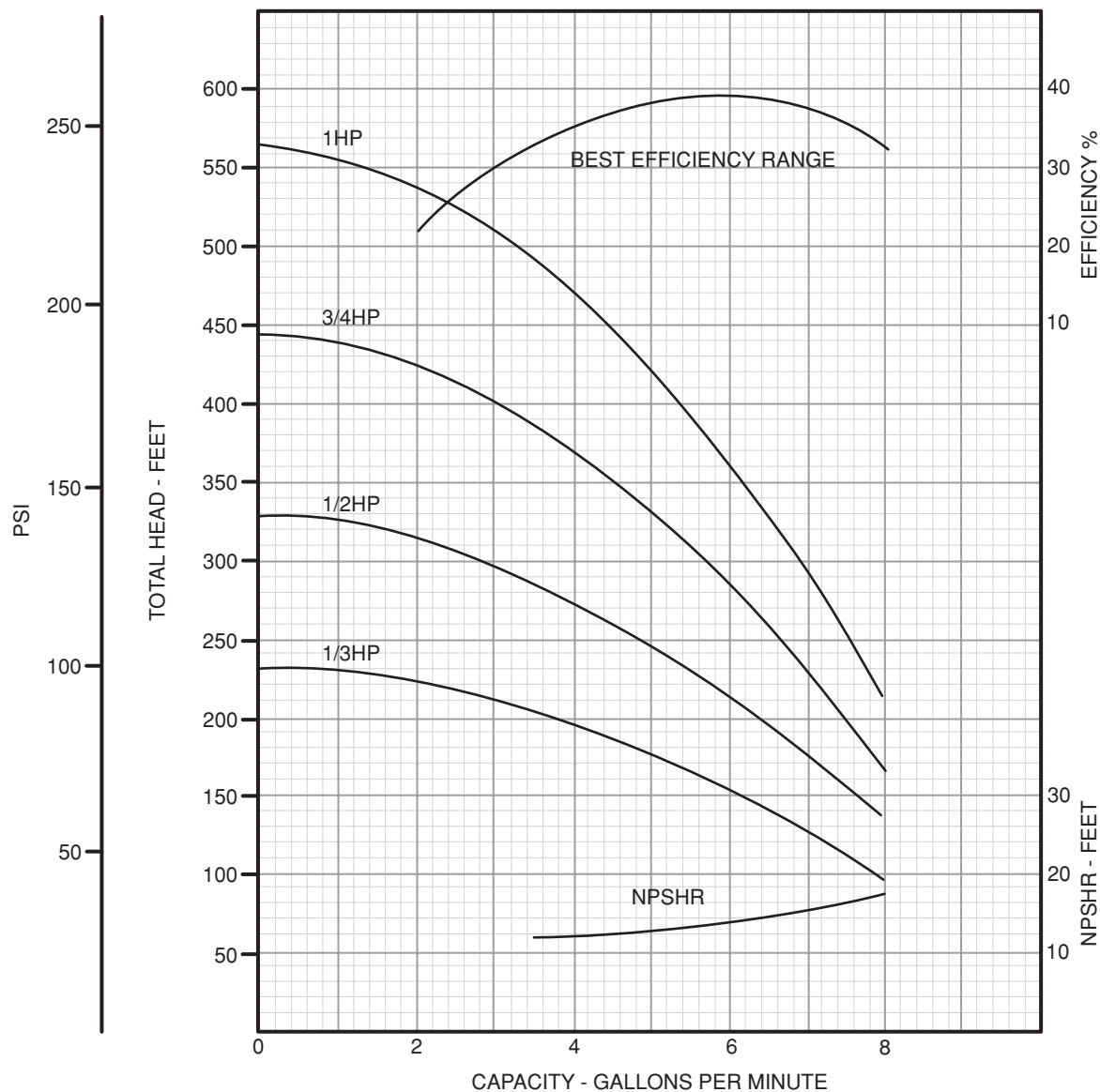


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

5 GPM Performance H4 Horizontal Booster Pumps

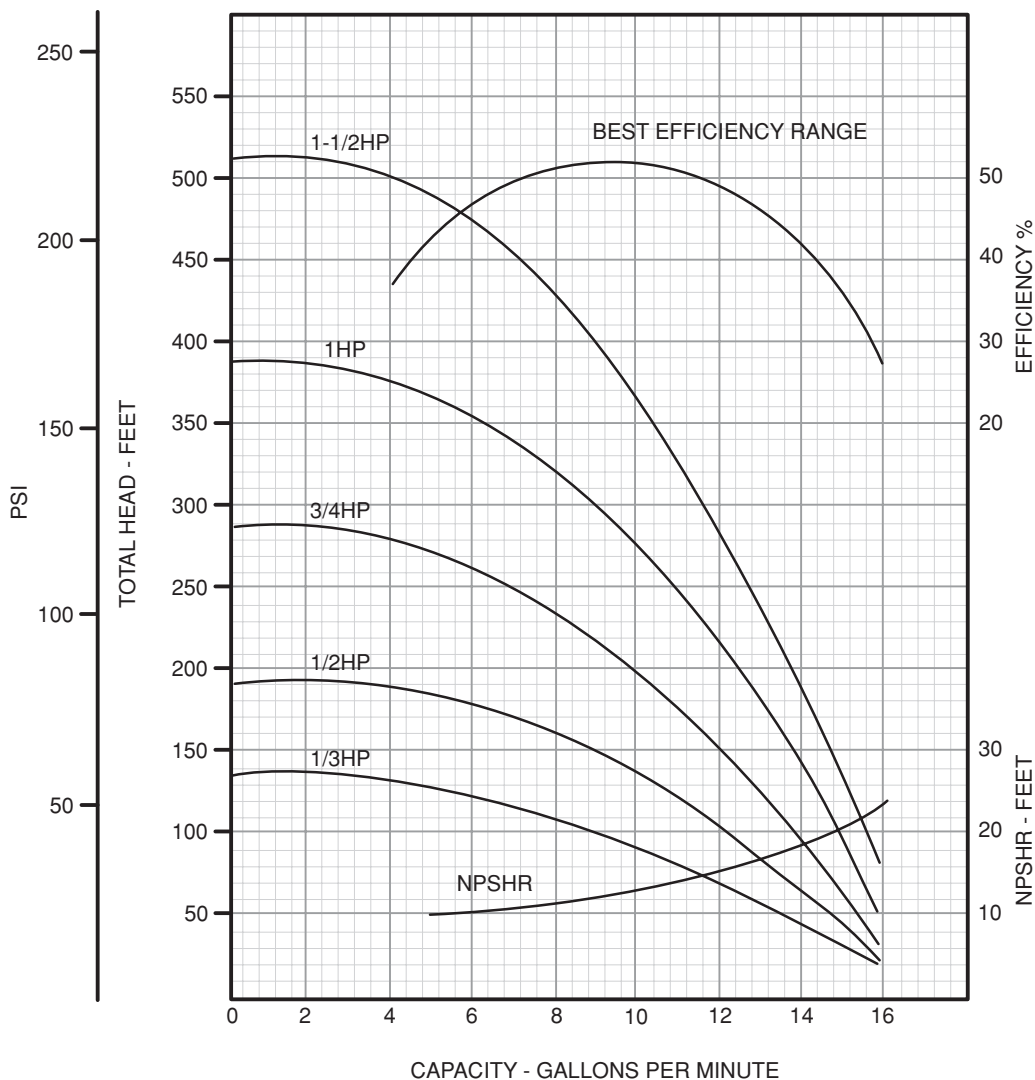
PAGE: CP-110
DATE: June 5, 2006



HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)																			Max Pres. (PSI)	
	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220		230
1/3	8.1	7.3	6.5	5.6	4.5	3.1															98
1/2			7.9	7.3	6.8	6.2	5.6	4.8	4.0	2.9											140
3/4					7.8	7.4	7.0	6.6	6.1	5.7	5.2	4.6	4.1	3.4	2.5						192
1							7.8	7.5	7.2	6.8	6.5	6.2	5.8	5.4	5.1	4.7	4.2	3.7	3.1	2.3	244



10 GPM Performance H4 Horizontal Booster Pumps



HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)																				Max Pres. (PSI)
	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	
1/3	14.4	12.6	10.5	7.5																	56
1/2	15.3	14.2	13.1	11.8	10.3	8.3	4.6														84
3/4	15.8	15.1	14.4	13.6	12.7	11.8	10.8	9.7	8.4	6.9	4.3										125
1	16.2	15.7	15.2	14.6	14.1	13.5	12.9	12.2	11.5	10.8	9.9	8.9	7.8	6.3	4.2						166
1-1/2	16.7	16.2	15.8	15.3	14.9	14.4	14.0	13.5	13.1	12.6	12.1	11.6	11.0	10.4	9.8	9.1	8.4	7.6	6.6	5.3	220

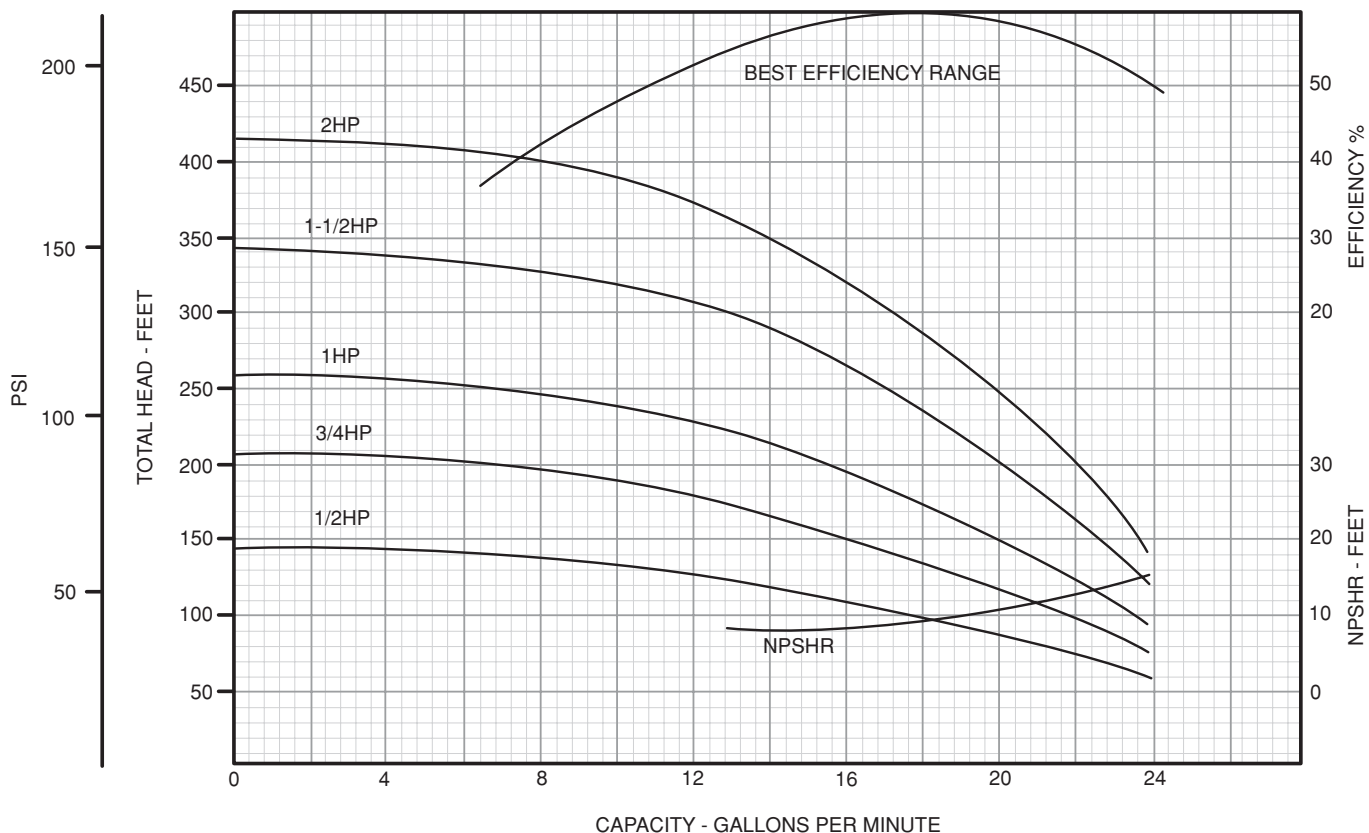


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

18 GPM Performance H4 Horizontal Booster Pumps

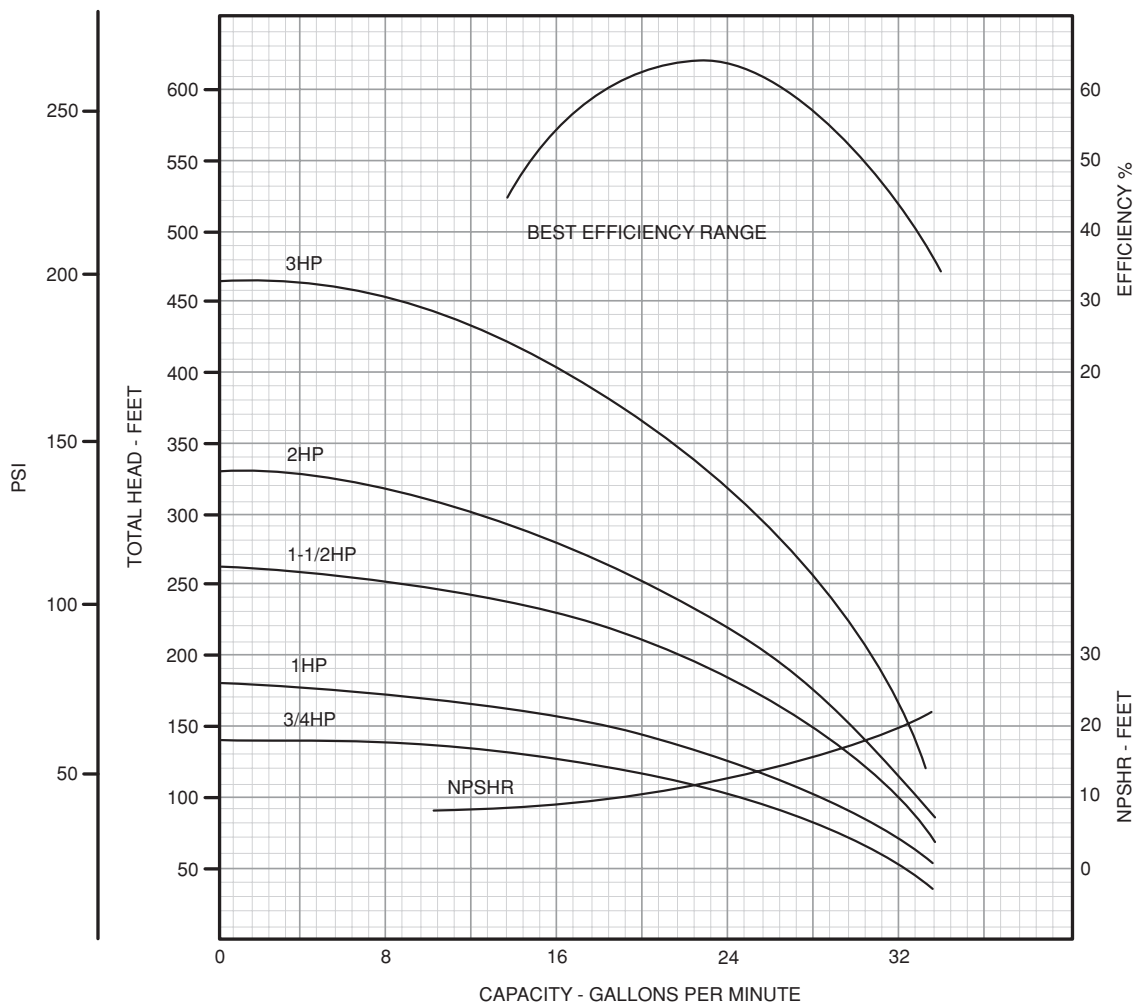
PAGE: CP-115
DATE: June 5, 2006



HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)																Max Pres. (PSI)	
	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170		
1/2	24.3	21.7	18.1	13.7														60
3/4	25.2	24.0	22.4	20.3	17.6	14.4	10.0											88
1	25.7	24.7	23.8	22.2	20.5	18.4	16.2	13.8	10.2	4.0								111
1-1/2	26.0	25.4	24.8	24.0	23.3	22.3	21.1	19.8	18.2	16.4	14.4	12.0	8.2					148
2	26.5	26.0	25.4	24.7	24.0	23.4	22.5	21.6	20.5	19.4	18.1	16.7	15.3	13.6	11.6	8.4		179



25 GPM Performance H4 Horizontal Booster Pumps



HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)																	Max Pres. (PSI)		
	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180		190	
3/4	33.0	30.0	26.4	20.8																61
1	34.0	31.8	28.8	25.4	21.2	14.8														76
1-1/2	35.4	34.0	32.8	31.0	29.0	26.6	24.0	20.8	17.0											112
2	35.8	34.7	33.8	32.6	31.2	29.4	27.4	25.2	22.8	20.8	16.8	12.0								138
3	36.2	35.5	34.6	33.8	33.0	32.2	31.2	30.2	29.2	27.8	26.6	25.0	23.2	21.6	19.6	17.2	14.0	9.6		198

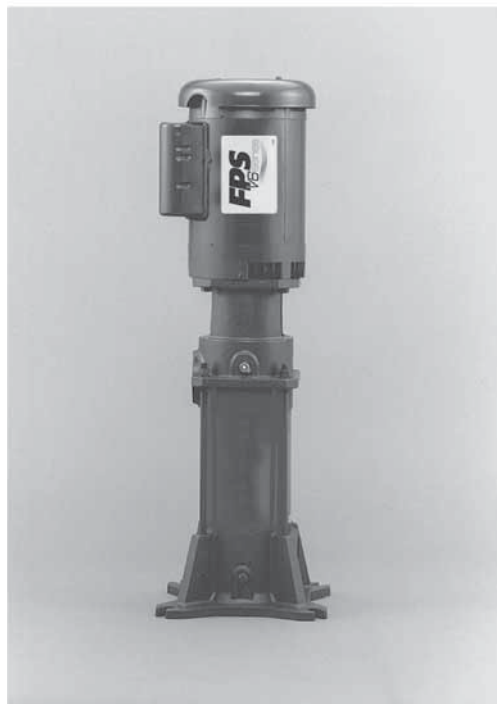


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

V6 Series High Pressure Vertical Booster Pumps

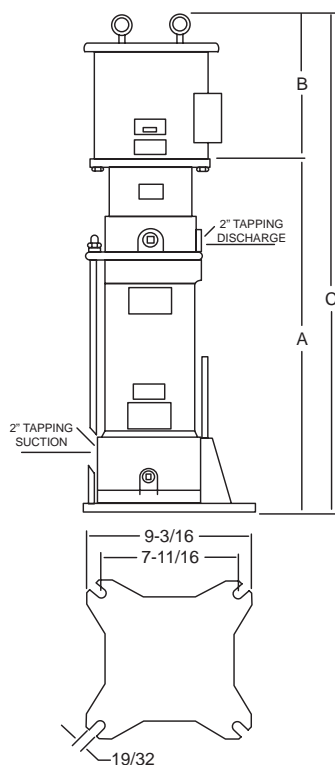
PAGE: CP-120
DATE: June 5, 2006



The V6 Booster Pump is ideal for industrial/commercial applications where water pressure boosting is required. Designed with Premium hydraulics for reliability and excellent performance. The V650 is available in 1-1/2HP through 7-1/2HP models. The V675 is available in 3HP through 7-1/2HP models.

Features:

- Heavy-duty cast iron discharge housing and motor bracket for long life.
- Stainless steel shell, shaft coupling and pump shaft for increased durability.
- Top access to mechanical seal for easy replacement of seal without disturbing the plumbing or disassembling the pump.
- Standard thrust motors which are available through normal distribution channels.
- High flow impellers and stages are glass-filled Noryl for added durability and strength.
- Unique design allowing rotation of either suction or discharge in 90 degree increments for optimum installation flexibility.
- Tie-rod construction for easy disassembly and service to impeller stack.
- Maximum water temperature is 120°F.
- Maximum operating pressure is 150 PSI.
- 2" FNPT Suction x 2" FNPT Discharge



50 GPM

HP	A	B		C	
		1 Phase	3 Phase	1 Phase	3 Phase
1-1/2	16-1/2"	10-1/2"	9-15/16"	27"	26-7/16"
2	18-1/8"	10-1/2"	9-15/16"	28-11/16"	28-1/16"
3	19-3/4"	11-3/16"	10-5/8"	30-15/16"	30-3/16"
5	25-3/8"	15-9/16"	14-3/4"	41-1/16"	40-1/8"
7-1/2	30-3/8"	15-7/8"	15-7/8"	46-1/4"	46-1/4"

75 GPM

HP	A	B		C	
		1 Phase	3 Phase	1 Phase	3 Phase
3	14-7/8"	12-7/8"	12-1/8"	27-3/4"	27"
5	20-1/2"	15-3/4"	14-1/2"	36-1/4"	35"
7-1/2	23-7/8"	15-7/8"	22-3/8"	39-3/4"	46-1/4"

NOTE: Shaft turns counter clockwise if viewed from above motor

V6 Series High Pressure Vertical Booster Pumps

Ordering Information

V6 VERTICAL BOOSTER PUMPS with OPEN DRIP PROOF MOTORS							
GPM	HP	SINGLE PHASE			THREE PHASE - 208-230/460 VOLT		
		Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
50	1-1/2	15FVB6P50-2-S	91303915	100	15FVB6P50-2-T	91304913	103
	2	2FVB6P50-3-S	91303923	105	2FVB6P50-3-T	91303964	108
	3	3FVB6P50-4-S	91303931	109	3FVB6P50-4-T	91303972	112
	5	5FVB6P50-7-S	91304301	208	5FVB6P50-7-T	91304327	188
	7-1/2	Not Available in Single Phase			7FVB6P50-10-T	91304293	225
75	3	3FVB6P75-2-S	91304244	106	3FVB6P75-2-T	91304251	108
	5	5FVB6P75-4-S	91304350	208	5FVB6P75-4-T	91304368	182
	7-1/2	Not Available in Single Phase			7FVB6P75-6-T	91304269	222

NOTE: Single Phase 1/3 - 2HP motors rated 115/230V. Single Phase 3-5HP motor rated 230V. Three Phase motors rated 208-230/460V.

1-1/2 - 7-1/2 HP V6 SERIES BOOSTER PUMP ENDS					V6 BOOSTER PUMPS - 575 VOLT		
GPM	HP	PUMP ENDS ONLY			THREE PHASE - 575 VOLT		
		Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
50	1-1/2	15FVB6P50-2	91304053	65	15FVB6P50-2-T5	91309019	103
	2	2FVB6P50-3	91304061	72	2FVB6P50-3-T5	91309020	108
	3	3FVB6P50-4	91304079	74	3FVB6P50-4-T5	91309021	112
	5	5FVB6P50-7	91304335	89	5FVB6P50-7-T5	91309034	188
	7-1/2	75FVB6P50-10	91304343	95	7FVB6P50-10-T5	91309035	225
75	3	3FVB6P75-2	91304277	70	3FVB6P75-2-T5	91309036	108
	5	5FVB6P75-4	91304376	75	5FVB6P75-4-T5	91309037	182
	7-1/2	75FVB6P75-6	91304285	84	7FVB6P75-6-T5	91309038	222



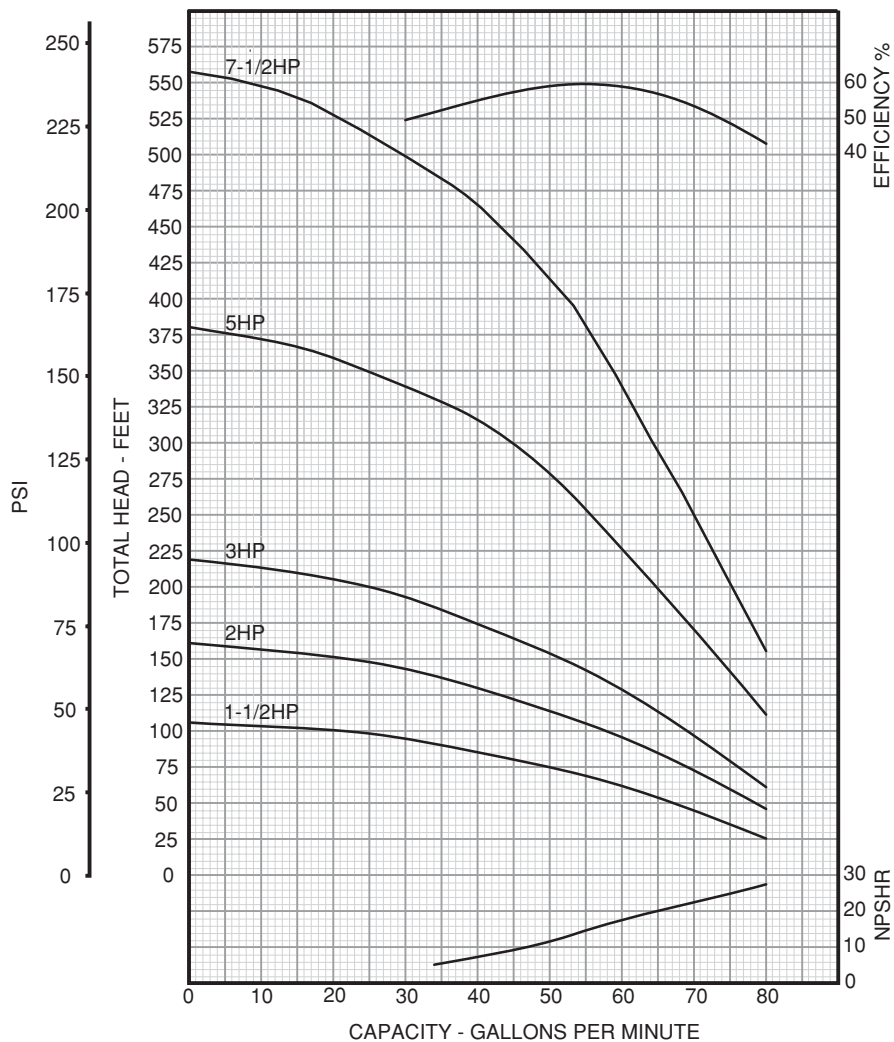
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

50 GPM Performance V6 High Pressure Vertical Booster Pumps

PAGE: CP-125

DATE: June 5, 2006

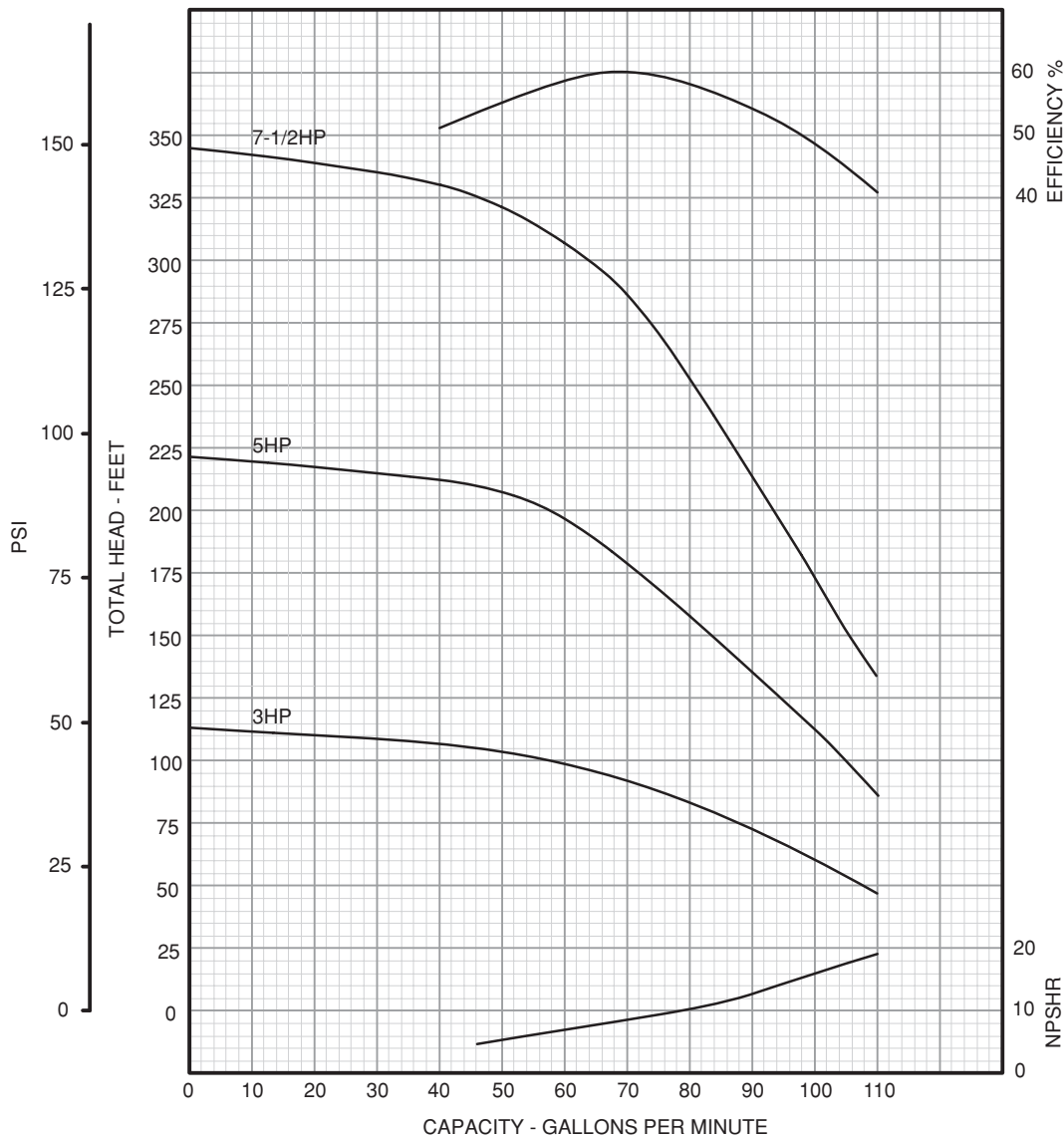


HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)																				Max Pres. (PSI)			
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200		210	220	230
1-1/2	82	70	56	34																				46
2		80	72	62	50	35																		69
3			78	72	65	57	47	35	18															95
5					79	75	71	67	63	60	54	48	42	35	25	10								165
7-1/2								79	77	74	71	68	65	62	59	55	51	47	43	38	31	25	17	238

Notes: 1. Total discharge pressure of 1-1/2 thru 7-1/2HP, V6 series units should not exceed 150 PSI.
 2. Total discharge pressure of 75VBH650 units should not exceed 400 PSI.



75 GPM Performance V6 High Pressure Vertical Booster Pumps



HP	Discharge Pressure at Pump with no Lift (Capacities in GPM)														Max Pres. (PSI)
	20	30	35	40	50	60	70	80	90	100	110	120	130	140	
3	100	82	70	50											48
5			108	104	94	86	76	58	20						93
7-1/2						106	100	94	88	82	76	66	56	20	143

Note: 1. Total discharge pressure of V6 Series units should not exceed 150PSI.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

TY Series Self Priming Sprinkler Pumps - Thermoplastic

PAGE: CP-200
DATE: June 5, 2006



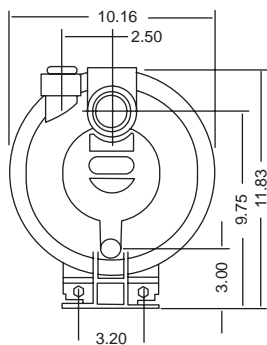
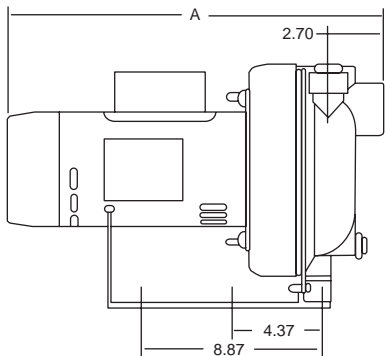
FPS

TY series

The self-priming sprinkler pump is ideal as a lawn sprinkler pump, or for general recirculation.

Features:

- Self-priming with large 1" priming port
- Non-corrosive thermoplastic case with engineered-flow, high-efficiency, low-noise design
- High performance, thermoplastic hydraulics, including floating eye seal and stainless steel impeller wear ring
- 1-1/2" FNPT threaded suction and discharge
- Built in drain plug to facilitate servicing/winterizing
- Square-flange motor design
- Easy motor toggle switch changes from 230V to 115V without rewiring (Not available on 2HP)
- Available in 3/4, 1, 1-1/2, and 2HP
- Handles water temperatures up to 120°F and working pressure up to 75 PSI



Note: Dimensions will vary according to motor manufacturer.

Dimensions (In inches)

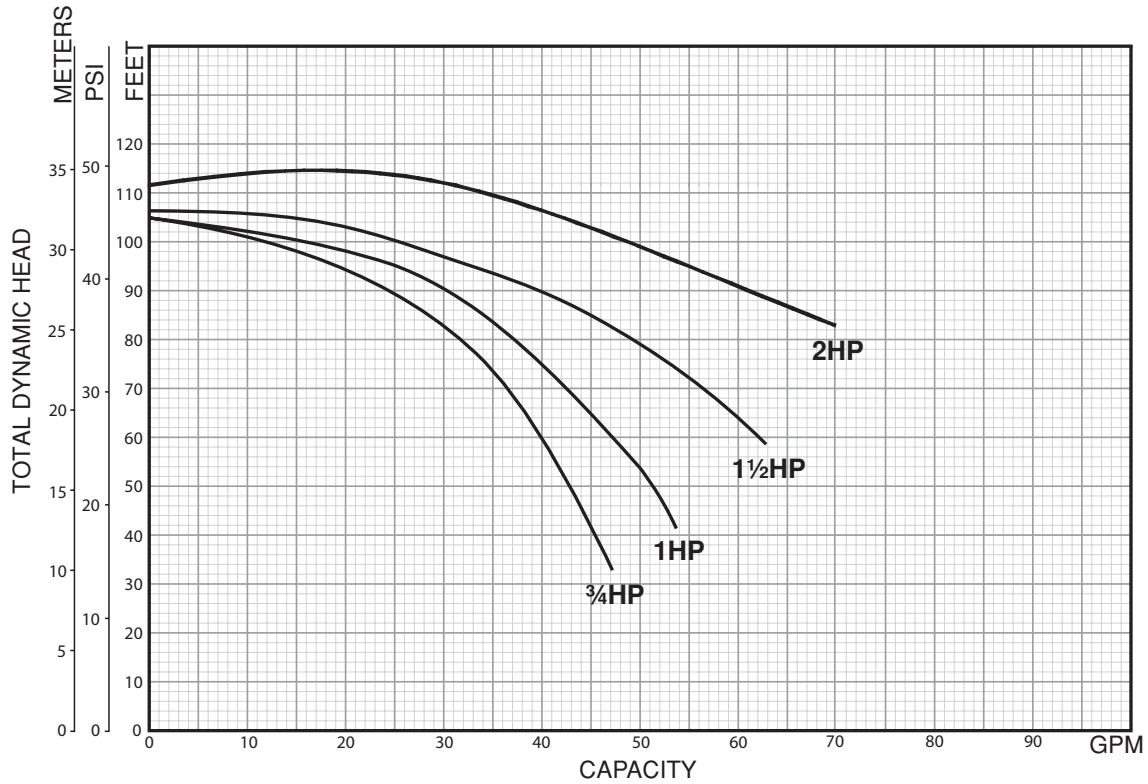
HP	Frame	A
3/4	48	18-1/4"
1	48	18-1/2"
1-1/2	48	18-3/8"
2	56	19-7/8"

Ordering Information

SELF-PRIMING LAWN SPRINKLER PUMPS				
Model	HP	Voltage	PUMP UNIT	
			Order No.	Wt.
7FPTY	3/4	115/230	93372007	37
10FPTY	1	115/230	93372010	38
15FPTY	1-1/2	115/230	93372015	40
20FPTY	2	230	93372020	43

TY Series Performance

Self Priming Sprinkler Pumps - Thermoplastic



HP	Total Suction Lift in feet	Discharge PSI					Shut off Pressure (PSI)
		20	25	30	35	40	
		Capacity in GPM					
3/4	5	43	39	35	28	16	42
	10	41	37	32	23	-	40
	15	39	35	29	18	-	38
	20	38	33	25	-	-	35
1	5	50	45	40	33	21	43
	10	49	44	37	29	7	41
	15	46	41	35	24	-	39
	20	44	39	31	12	-	36
1-1/2	5	65	60	54	44	30	44
	10	64	57	50	38	21	42
	15	61	54	46	31	7	40
	20	58	50	41	23	-	37
2	5	79	76	72	65	52	46
	10	78	74	69	59	45	44
	15	76	72	67	54	38	42
	20	74	70	63	47	20	39



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

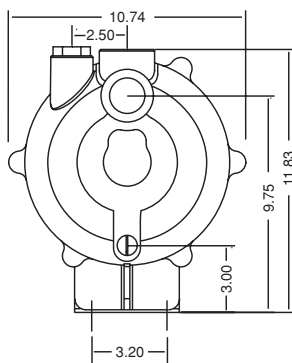
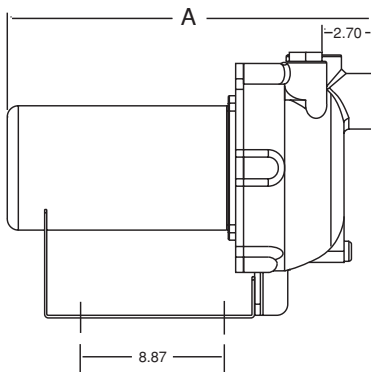
TYCI Series Self Priming Sprinkler Pumps - Cast Iron

PAGE: CP-205
DATE: June 5, 2006



Features:

- Heavy duty cast iron case with engineered high efficiency, quiet run design
- High performance, thermoplastic hydraulics, including floating eye seal and stainless steel impeller wear ring
- 1-1/2" FNPT threaded suction and discharge ports
- Self-priming with large 1" priming port
- Built in drain plug to facilitate servicing/winterizing
- Handles water temperatures up to 120°F and working pressure up to 75 PSI
- All models have 2 compartment motors
- Easy motor toggle switch changes from 230V to 115V without rewiring (Not available on 2HP)



Dimensions (In inches)

HP	Frame	A
3/4	48	18-1/4"
1	48	18-1/2"
1-1/2	48	18-3/8"
2	56	19-7/8"

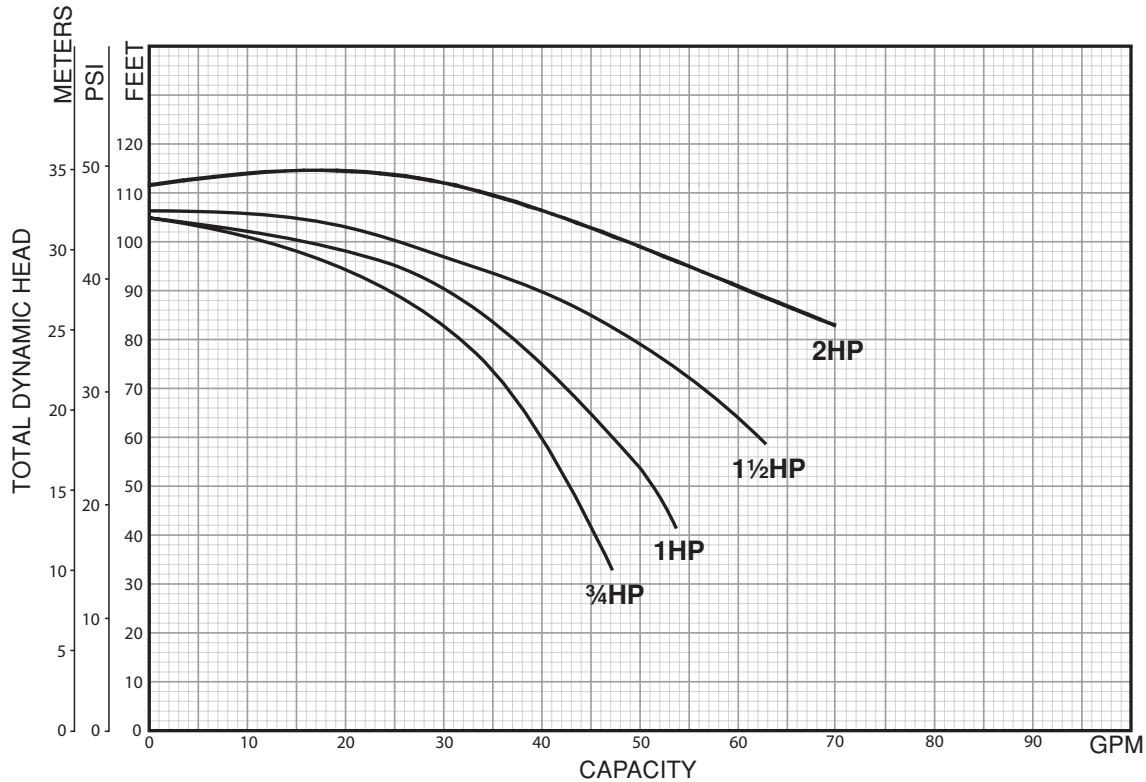
Ordering Information

SELF-PRIMING LAWN SPRINKLER PUMPS				
Model	HP	Voltage	PUMP UNIT	
			Order No.	Wt.
7FPTYCI	3/4	115/230	93373007	51
10FPTYCI	1	115/230	93373010	66
15FPTYCI	1-1/2	115/230	93373015	82
20FPTYCI	2	230	93373020	99

Note: Dimensions will vary according to motor manufacturer.

TYCI Series Performance

Self Priming Sprinkler Pumps - Cast Iron



HP	Total Suction Lift in feet	Discharge PSI					Shut off Pressure (PSI)
		20	25	30	35	40	
		Capacity in GPM					
3/4	5	43	39	35	28	16	42
	10	41	37	32	23	-	40
	15	39	35	29	18	-	38
	20	38	33	25	-	-	35
1	5	50	45	40	33	21	43
	10	49	44	37	29	7	41
	15	46	41	35	24	-	39
	20	44	39	31	12	-	36
1-1/2	5	65	60	54	44	30	44
	10	64	57	50	38	21	42
	15	61	54	46	31	7	40
	20	58	50	41	23	-	37
2	5	79	76	72	65	52	46
	10	78	74	69	59	45	44
	15	76	72	67	54	38	42
	20	74	70	63	47	20	39



Franklin Electric

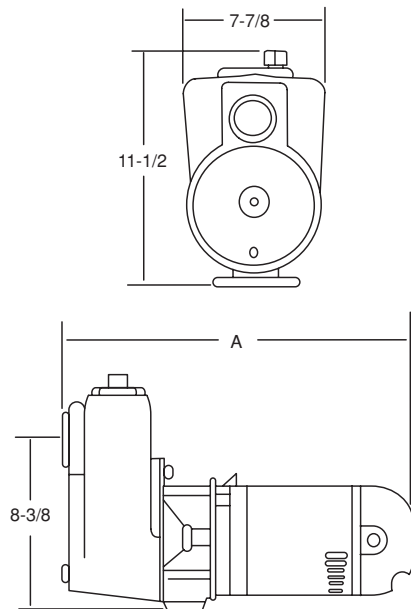
400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

HJ Series Self Priming Sprinkler Pumps

PAGE: CP-210
DATE: June 5, 2006



Note: Dimensions will vary according to motor manufacturer.



The HJ Series Lawn Sprinkler Pumps are designed to handle a large capacity of water at high pressure. They are ideal for continuous use on lawn sprinkler systems, for garden irrigation, for boosting city main pressures and for recirculating water.

Features:

- Stub Shaft motor with bronze coupling and bronze impeller offers easy serviceability and premium construction features
- Cast iron pump case, large capacity case ensures excellent self-priming performance
- Thermoplastic diffuser for improved pressures
- Mechanical shaft seal ensures leakproof fit and continuous water lubrication
- Two-compartment motor for easy service. All motors are single phase 115/230V

Dimensions (In inches)

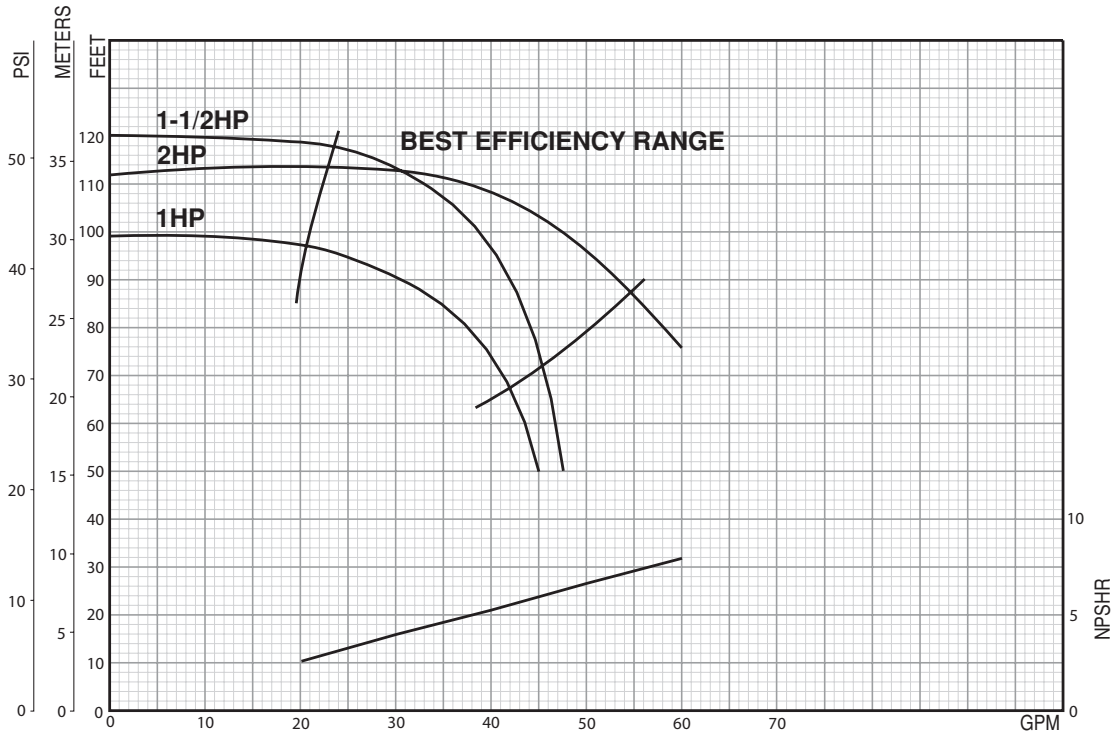
HP	A
1	17-5/8"
1-1/2	18-5/8"
2	19-5/8"

Ordering Information

SELF-PRIMING LAWN SPRINKLER PUMPS				
HP	Suction x Discharge	Voltage	Pump Unit	
			Order No.	Wt.
1	1-1/2" x 1-1/2"	115/230	93371876	56
1-1/2	2" X 1-1/2"	115/230	93371884	61
2	2" X 1-1/2"	230	93371892	65

HJ Series Performance

Self Priming Sprinkler Pumps



High Flow Full Service Factor

HP	Total Suction lift in Ft.	Discharge PSI					Shut Off Pressure (PSI)
		20	25	30	35	40	
		Capacities in GPM					
1	5	44	43	40	33	22	41
	10	41	39	36	30	-	41
	15	38	37	34	25	-	39
	20	34	33	30	-	-	36
1-1/2	5	45	44	44	43	41	52
	10	44	44	43	42	40	48
	15	40	40	39	38	36	46
2	20	37	36	36	34	32	44
	5	61	60	59	56	50	49
	10	59	58	56	53	45	48
	15	57	57	55	51	40	45
	20	50	48	47	44	35	42



Franklin Electric

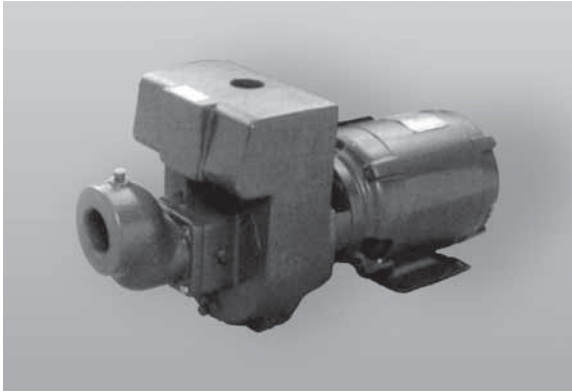
400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

SPC Series Self Priming Centrifugal Pumps

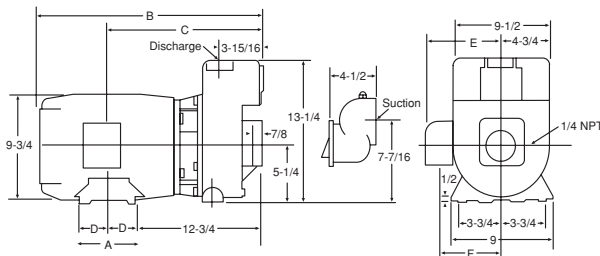
PAGE: CP-215
DATE: June 5, 2006



The solution to your higher performance, irrigation and utility transfer requirements. This pump offers higher performance and faster priming in a self-priming centrifugal design.

Features:

- Available in high head or medium head performance.
- Easy-service, back pull-out design.
- Rugged construction with bronze impeller, heavy-duty motor, and mechanical seal.
- Suction flange check valves included with each unit.



Note: Dimensions will vary according to motor manufacturer.

Dimensions (In inches)

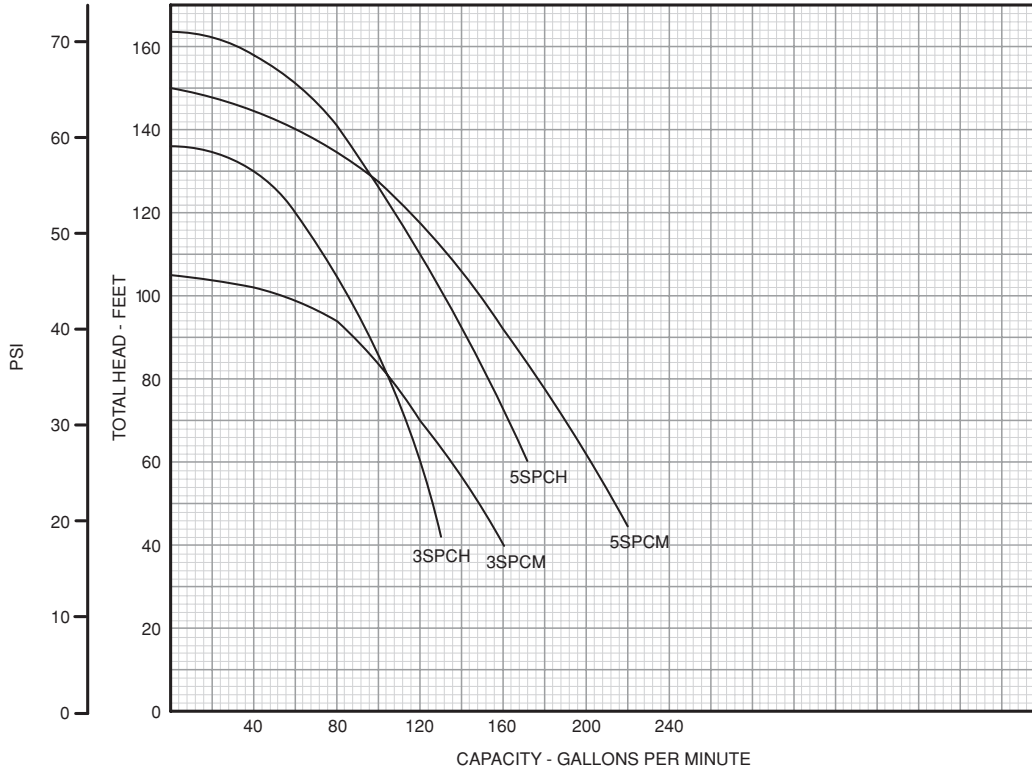
Model	A	B	C	D	E	F
3SPC	6	20-3/4	15	2-1/4	8-1/8	6-1/2
5SPC	7	21-3/4	15-1/2	2-3/4	9	7

Note: Overall length (B) is shown for single phase motors.

Ordering Information

HIGH HEAD							
Model No.	Ordering No.	HP	Suction Size	Discharge Size	Volts	Phase	Weight
3SPCH-S2	9312-7595	3	2	1-1/2	208/230	1	144
3SPCH-T	9312-7603	3	2	1-1/2	208/230/460	3	144
5SPCH-S2	9312-7637	5	2-1/2	2	208/230	1	165
5SPCH-T	9312-7652	5	3	2-1/2	208/230/460	3	133
MEDIUM HEAD							
3SPCM-S2	9312-7611	3	2-1/2	2	208/230	1	144
3SPCM-T	9312-7629	3	2-1/2	2	208/230/460	3	144
5SPCM-S2	9312-7660	5	3	2-1/2	208/230	1	165
5SPCM-T	9312-7678	5	3	2-1/2	208/230/460	3	133

SPC Series Performance Self Priming Centrifugal Pumps



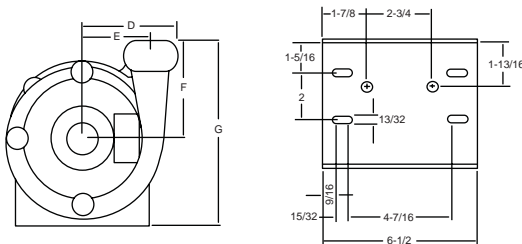
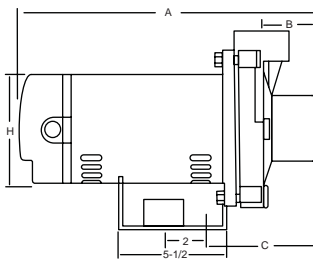
HIGH HEAD				Capacities GPM				
Model No.	HP	Discharge Pressure		Feet Suction Lift in Feet				
		PSI	Head	5	10	15	20	25
3SPCH	3	20	46	123	120	109	90	70
		30	69	108	105	98	91	68
		40	92	87	82	76	70	62
		50	115	60	52	44	33	18
5SPCH	5	20	46	182	160	151	140	90
		30	69	160	159	150	136	98
		40	92	146	141	135	130	96
		50	115	118	115	104	94	94
		60	138	80	71	54	28	-
MEDIUM HEAD				Capacities GPM				
Model No.	HP	Discharge Pressure		Feet Suction Lift in Feet				
		PSI	Head	5	10	15	20	25
3SPCM	3	20	46	156	150	140	135	100
		30	69	124	116	108	99	91
		40	92	84	76	40	30	-
5SPCM	5	20	46	218	212	206	199	172
		30	69	190	182	176	170	160
		40	92	160	148	140	136	128
		50	115	118	116	90	72	36

DDD/DDS Series End Suction Centrifugal Pumps

PAGE: CP-300
DATE: June 5, 2006



NRTL/C
CSA108
UL778



Features:

- Available in Cast Iron(DDD Series) or Stainless Steel (DDS Series) models.

DDD Series Features:

- Cast iron seal plate for dependable high temperature operation.
- Glass filled thermoplastic impeller for increased efficiency and dependable high temperature operation.
- Back pull-out design provides access to internal parts without disturbing the plumbing.
- Mechanical shaft seal insures a leakproof fit and continuous water lubrication.
- Maximum temperature limit of 140°F and maximum working pressure of 150 PSI.
- Square flange open drip-proof motor for easy service and reliability.
- Available in single and three phase models.
- Enclosed impeller design for increased efficiencies.
- Chemical resistant thermoplastic impeller.

DDS Series Features:

- All of the DDD Series features above except:
- Viton Mechanical shaft seal for added chemical resistance.
 - 304SS Case and seal plate.

Dimensions

H.P.	Suct. (NPT)	Disch. (NPT)	A	B	C	D	E	F	G	H
1/2	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
3/4	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
1	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
1-1/2	1-1/4"	1"	15-3/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
2	1-1/2"	1-1/4"	16-11/16"	2-13/16"	6-1/8"	5"	3-9/16"	5"	9-1/8"	6-5/16"
2-1/2	2"	1-1/2"	16-11/16"	2-13/16"	6-1/8"	5"	3-9/16"	5"	9-1/8"	6-5/16"

DDD/DDS Series End Suction Centrifugal Pumps

DDD Series - Cast Iron Ordering Information

DDD SERIES CENTRIFUGAL PUMP UNITS								
Series	Suction x Discharge	HP	Single Phase			Three Phase - 208-230/460 Volt		
			Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
DDD	1-1/4" x 1"	1/2	5FPDDD1-S	93176928	27	5FPDDD1-T	93177991	27
		3/4	7FPDDD1-S	93176936	31	7FPDDD1-T	93178007	31
		1	1FPDDD1-S	93176944	33	1FPDDD1-T	93178015	33
		1-1/2	15FPDDD1-S	93176951	38	15FPDDD1-T	93178023	38
	1-1/2" x 1-1/4"	2	2FPDDD1-1/4-S	93176969	48	2FPDDD1-1/4-T	93178031	48
	2" x 1-1/2"	2-1/2	25FPDDD1-1/2S	93176977	46	25FPDDD1-1/2-T	-	-

DDS Series - Stainless Steel Ordering Information

DDS SERIES CENTRIFUGAL PUMP UNITS								
Series	Suction x Discharge	HP	Single Phase			Three Phase - 208-230/460 Volt		
			Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
DDS	1-1/4" x 1"	1/2	5FPDDS1-S	93178056	25	5FPDDS1-T	93178098	25
		3/4	7FPDDS1-S	93178064	29	7FPDDS1-T	93178106	29
		1	1FPDDS1-S	93178072	31	1FPDDS1-T	93178114	31
		1-1/2	15FPDDS1-S	93178080	36	15FPDDS1-T	93178122	36

DDD/DDS Series - Pump End Kits Ordering Information

DDD/DDS SERIES CENTRIFUGAL PUMP END KITS for 3500 R.P.M. - O.D.P. MOTORS								
Series	Suction x Discharge	HP Range	Phase	Motor Frame Size	Max. Imp. Diameter	PUMP END KIT		
						Model No.	Order No.	Wt.
DDD DDS	1-1/4" x 1"	1/2 - 1-1/2	1 or 3	56Z	5.315"	DDD1-K1	93177413R348	12
						DDS1-K1	93177413R378	
	1-1/2" x 1-1/4"	2	1 or 3	56Z	5.65"	DDD1-1/4-K1	93177413R358	15
						DDD1-1/2-K1	93177413R368	14

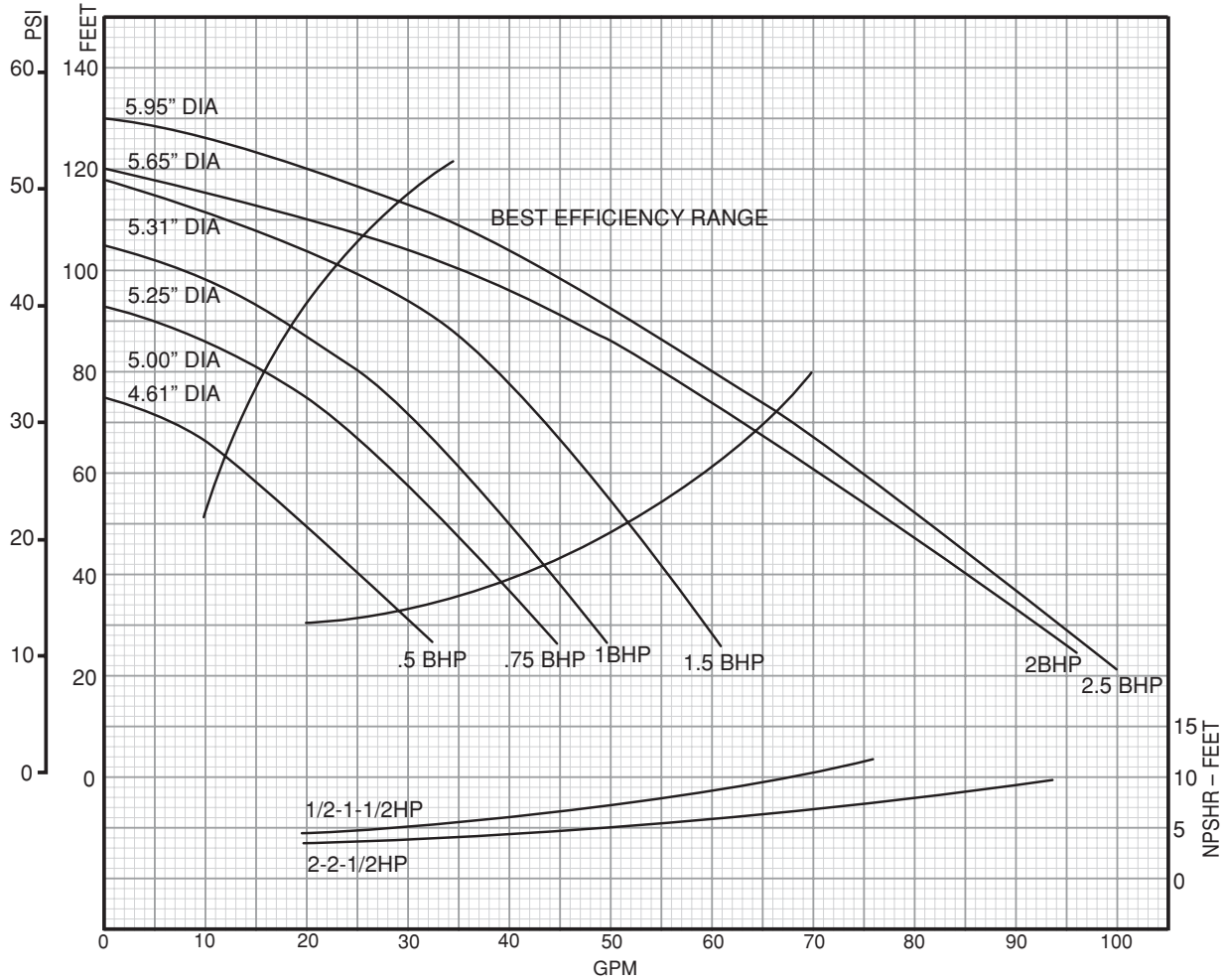


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

DDD/DDS Series Performance End Suction Centrifugal Pumps

PAGE: CP-305
DATE: June 5, 2006



HP	Suction x Discharge	Capacities GPM											Shut Off Head	
		30	35	40	45	50	60	70	80	90	100	110		
Total Head - Feet														
1/2	1-1/4" x 1"	30	27	25	22	19	14	-	-	-	-	-	-	74
3/4	1-1/4" x 1"	-	41	38	36	34	29	23	16	-	-	-	-	93
1	1-1/4" x 1"	-	-	-	42	40	36	31	25	18	-	-	-	105
1-1/2	1-1/4" x 1"	-	-	-	-	52	47	44	39	34	25	-	-	118
2	1-1/2" x 1-1/4"	-	-	-	-	-	-	64	56	47	36	23	-	121
2-1/2	2" x 1-1/2"	-	-	-	-	-	-	68	61	53	45	35	-	131

NOTE: All performance data based on rated nameplate voltage.

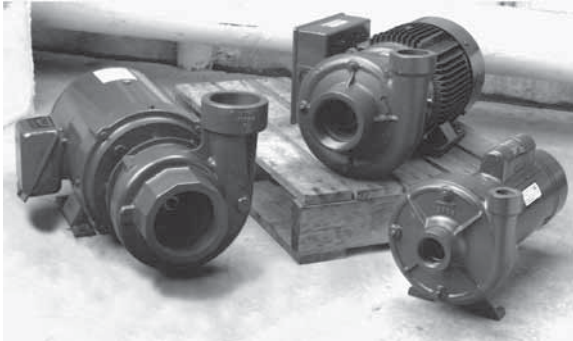


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

D Series End Suction Centrifugal Pumps

PAGE: CP-400
DATE: June 5, 2006



FPS

D series

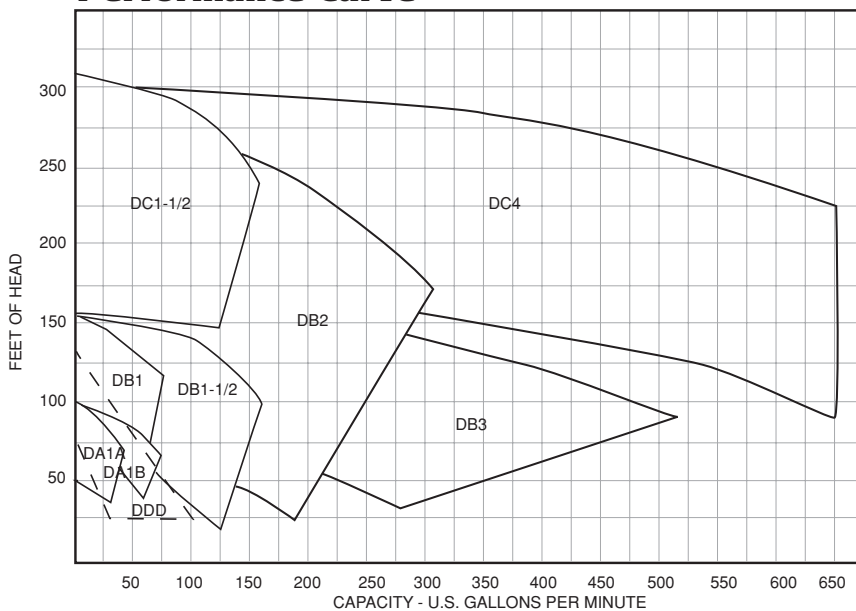
Features:

- Heavy-duty cast iron body for increased durability.
- DA1A through DB2 have a bronze impeller.
- DB3 and DC4 have cast iron impeller.
- 1/3 - 2HP models have 56C frame motors with shaft coupling design for easy removal of pump motor.
- 5 - 50HP models have JM frame motors with shaft sleeve/O-Ring design for added protection against shaft damage.
- 3HP models can use either JM frame or 56 frame motors.
- Single or three phase motors available on selected models.
- Sealed motor bearings on all motors to carry radial and thrust loads of pump end.
- All units are equipped with open drip-proof motors.
- Max operating pressures 150 PSI.
- Maximum operating temperature of 212°F on all models.



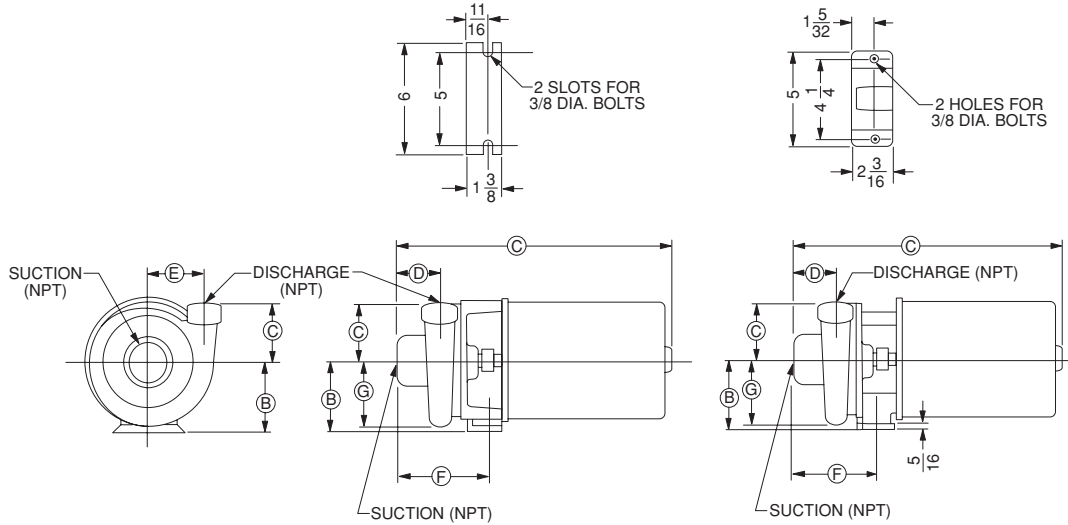
NRTL/C
CSA108
UL778

Performance Curve



Note: Consult individual curves for complete pump performance.

D Series End Suction Centrifugal Pumps



Pump Model		Mtr. HP	Suct. NPT	Disch. NPT	Dimensions In Inches						
Single Phase	Three Phase				A	B	C	D	E	F	G
3DA1A-S	3DA1A-T	1/3	1-1/4	1	13-7/16	3-3/4	3-1/2	1-3/4	3-3/8	4-1/8	3-7/16
5DA1A-S	5DA1A-T	1/2			14-7/16						
7DA1A-S	7DA1A-T	3/4			14-7/16						
1DA1A-S	1DA1A-T	1			14-13/16						
5DA1B-S	5DA1B-T	1/2	1-1/4	1	14-7/16	3-3/4	3-1/2	1-3/4	3-3/8	4-1/8	3-7/16
7DA1B-S	7DA1B-T	3/4			14-7/16						
1DA1B-S	1DA1B-T	1			14-13/16						
15DA1B-S	15DA1B-T	1-1/2			14-13/16						
2DA1B-S	2DA1B-T	2			15-9/16						
7DB1-S	7DB1-T	3/4	1-1/2	1	14-7/16	5	4	2-1/4	3-5/8	4-1/2	4-3/16
1DB1-S	1DB1-T	1			14-13/16						
15DB1-S	15DB1-T	1-1/2			14-13/16						
2DB1-S	2DB1-T	2			15-9/16						
3DB1-S	3DB1-T	3			16-1/16						
1DB1-1/2-S	1DB1-1/2-T	1	2	1-1/2	14-7/8	5	4-1/2	2-7/16	3-7/8	4-1/2	4-1/2
15DB1-1/2-S	15DB1-1/2-T	1-1/2			14-7/8						
2DB1-1/2-S	2DB1-1/2-T	2			15-5/8						
3DB1-1/2-S	3DB1-1/2-T	3			16-1/8						
15DB2-S	15DB2-T	1-1/2	3	2	16-5/16	5	4-3/4	3-5/8	4-3/16	6	5
2DB2-S	2DB2-T	2			17-1/16						
3DB2-S	3DB2-T	3			17-9/16						

Notes: 1) Dimensions shown are based on 56C O.D.P. 3500 RPM motor.
2) In some cases dimensions "G" may be greater than "B".

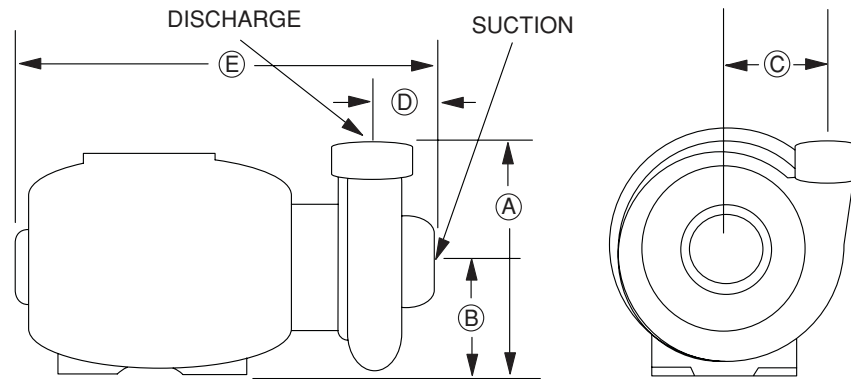


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

D Series End Suction Centrifugal Pumps

PAGE: CP-405
DATE: June 5, 2006



DB1-DC4

Pump Model	Suction (NPT)	Disch. (NPT)	A (HP)						B (HP)						C	D	E (HP)					
			3	5	7-1/2	10	15	20	3	5	7-1/2	10	15	20			3	5	7-1/2	10	15	20
DB1	1-1/2	1	-	8-1/2	-	-	-	-	-	4-1/2	-	-	-	-	3-5/8	2-1/16	-	18-1/8	-	-	-	-
DB1-1/2	2	1-1/2	-	9	9-3/4	-	-	-	-	4-1/2	5-1/4	-	-	-	3-7/8	2-7/16	-	18-3/16	19-1/2	-	-	-
DC1-1/2	2	1-1/2	10-1/8	10-1/8	10-7/8	10-7/8	10-7/8	-	4-1/2	4-1/2	5-1/4	5-1/4	5-1/4	-	5-3/16	2-1/2	17-1/8	18-1/8	19-7/16	19-7/16	21	-
DB2	3	2	-	9-1/4	10	10	11-3/8	12-3/8	-	4-1/2	5-1/4	5-1/4	5-1/4	6-1/4	4-3/16	3-5/8	-	19-5/8	21	21	22-1/2	22-1/2
DB3	4	3	-	11-9/16	11-9/16	12-5/16	12-5/16	13-5/16	-	4-1/2	4-1/2	5-1/4	5-1/4	5-1/4	4-1/16	3-1/2	-	19-3/16	20-3/16	21-3/4	24	28

Notes: 1) Dimensions shown are for units using 60 cycle open-dripproof JM frame motors, 3500 RPM.
2) Total pump length will vary with motor manufacturer.

JM Frame Motors - Extended shaft with keyway

Pump Model	Suction (NPT)	Disch. (NPT)	A	B	C	D	JM Frame Motor Horsepower				
							20	25	30	40	50
DC4-FNPT	4	4	16-1/2	7-5/8	6-29/64	4-23/32	28-21/32	28-21/32	29-17/32	30	30
DC4-flanged	5	4	16-1/2	7-5/8	6-29/64	3-13/16	28-21/32	28-21/32	29-17/32	30	30

Notes: 1) Total pump length will vary with motor manufacturer.

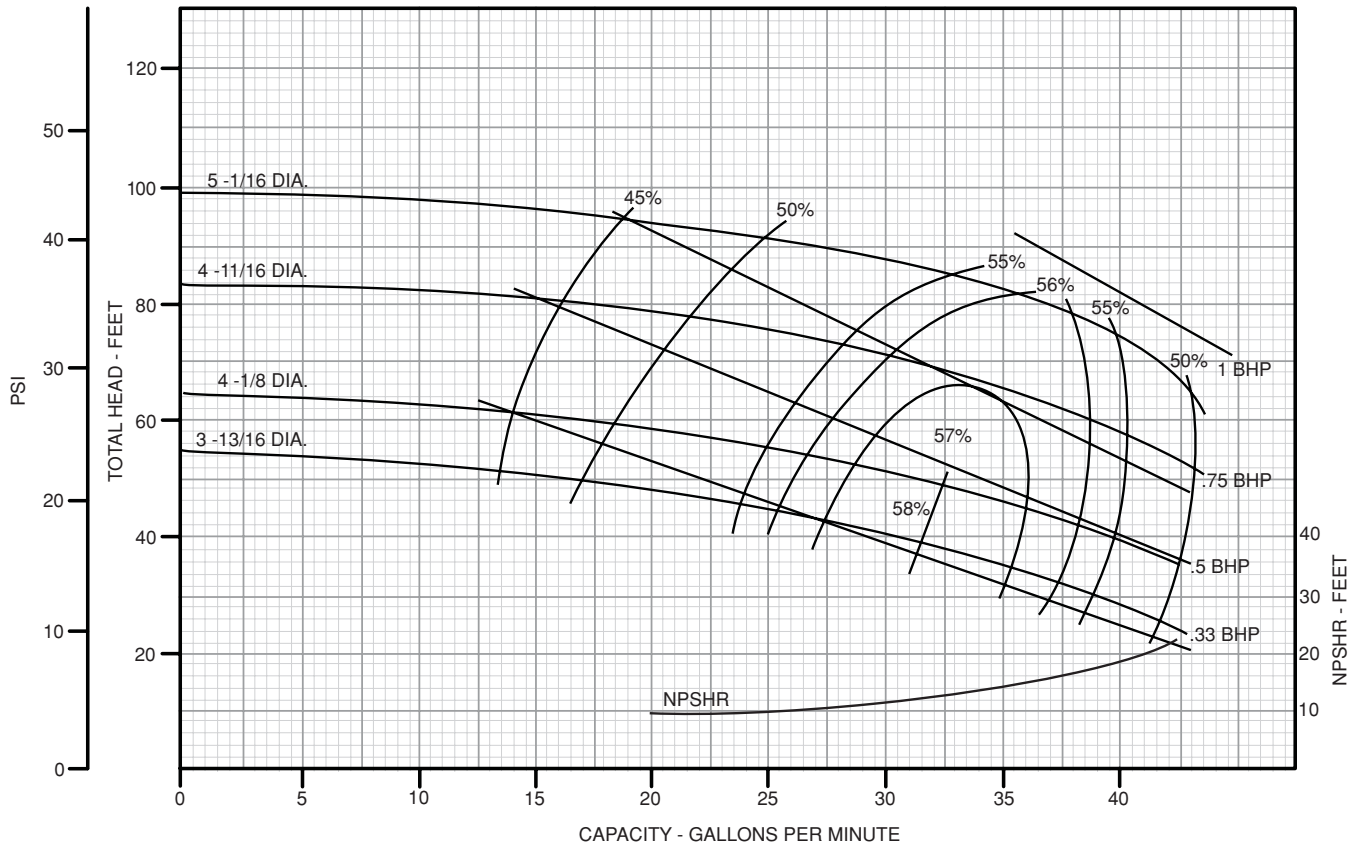


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DA1A Performance 1" Discharge x 1-1/4" Suction (3500 RPM)

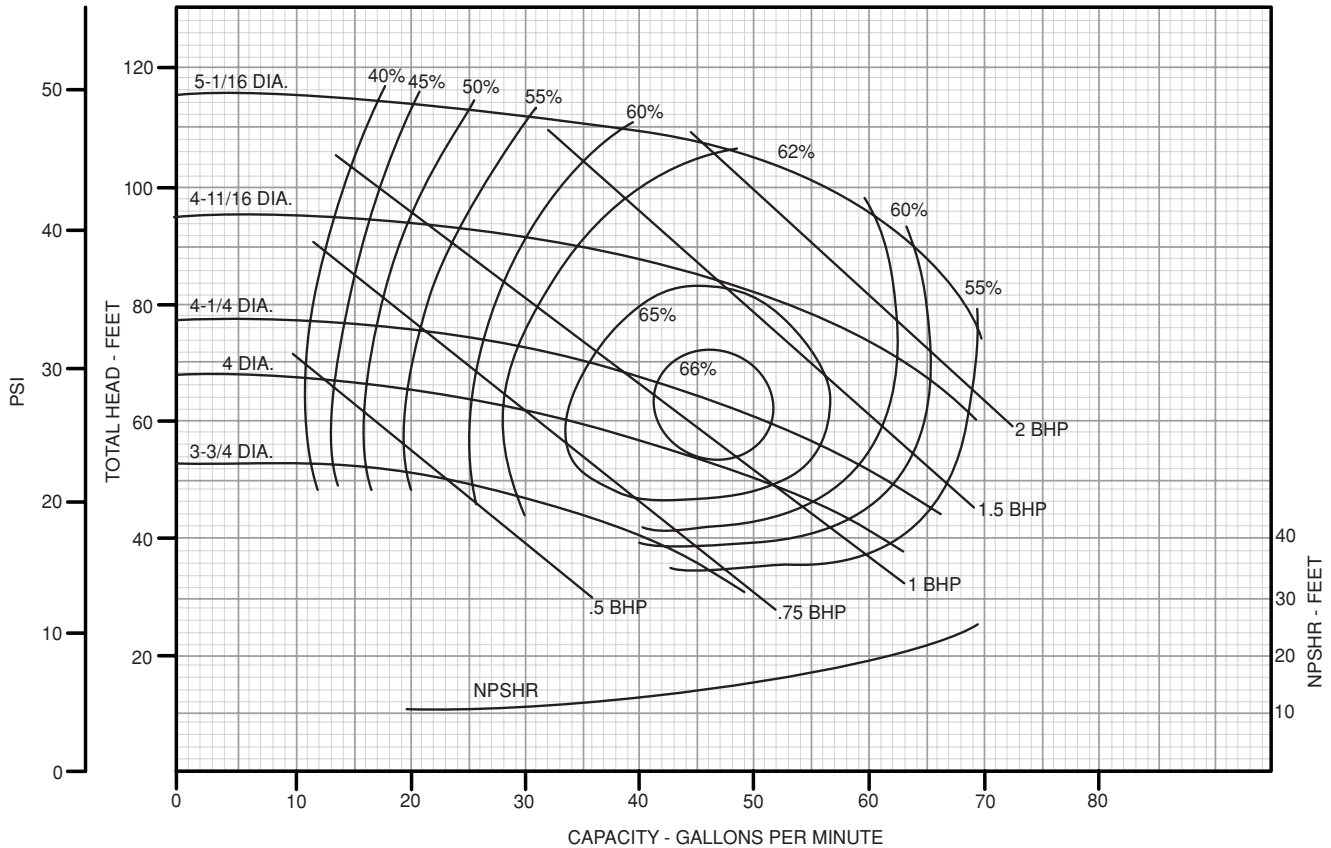
PAGE: CP-410
DATE: June 5, 2006



DA1A 1-1/4" Suction x 1" Discharge			Capacities GPM									Shut-off Head (Ft.)
Model	HP	Imp. Dia.	Total Head in Feet									
			30	35	40	45	50	60	70	80	90	
3DA1A	1/3	3-13/16	38	35	30	24	18					55
5DA1A	1/2	4-1/8			40	36	32	17				65
7DA1A	3/4	4-11/16					44	38	32	18		84
1DA1A	1	5-1/16							43	37	26	100

Note: All performance data based on rated nameplate voltage.

Model DA1B Performance 1" Discharge x 1-1/4" Suction (3500 RPM)



DA1B 1-1/4" Suction x 1" Discharge			Capacities GPM											Shut-off Head (Ft.)
Model	HP	Imp. Dia.	Total Head in Feet											
			30	35	40	45	50	60	70	80	90	100	110	
5DA1B	1/2	3-3/4"	50	46	40	34	23							53
7DA1B	3/4	4"			62	57	51	35						68
1DA1B	1	4-1/4"					62	51	35					78
15DA1B	1-1/2	4-11/16"						70	63	53	33			95
2DA1B	2	5-1/16"								69	64	56	38	116

Note: All performance data based on rated nameplate voltage.

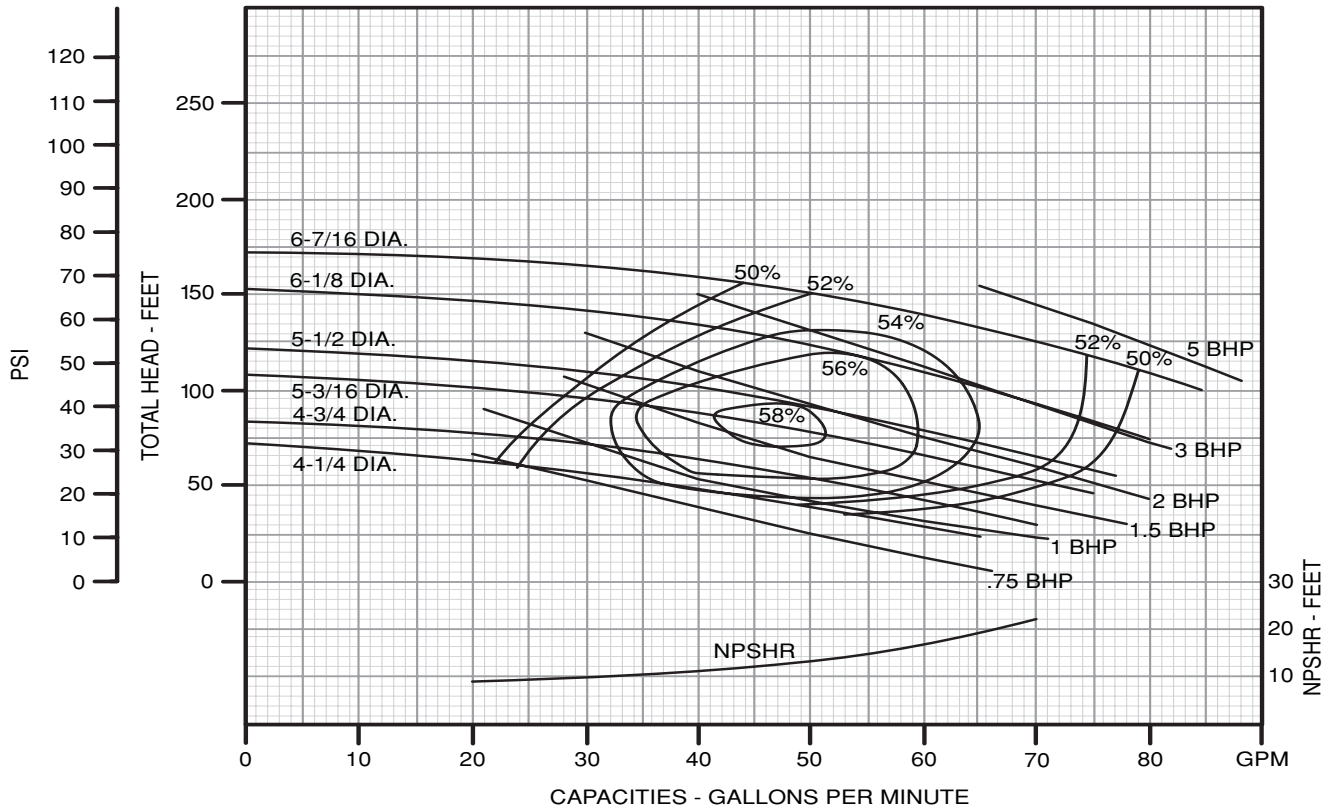


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DB1 Performance 1" Discharge x 1-1/2" Suction (3500 RPM)

PAGE: CP-415
DATE: June 5, 2006



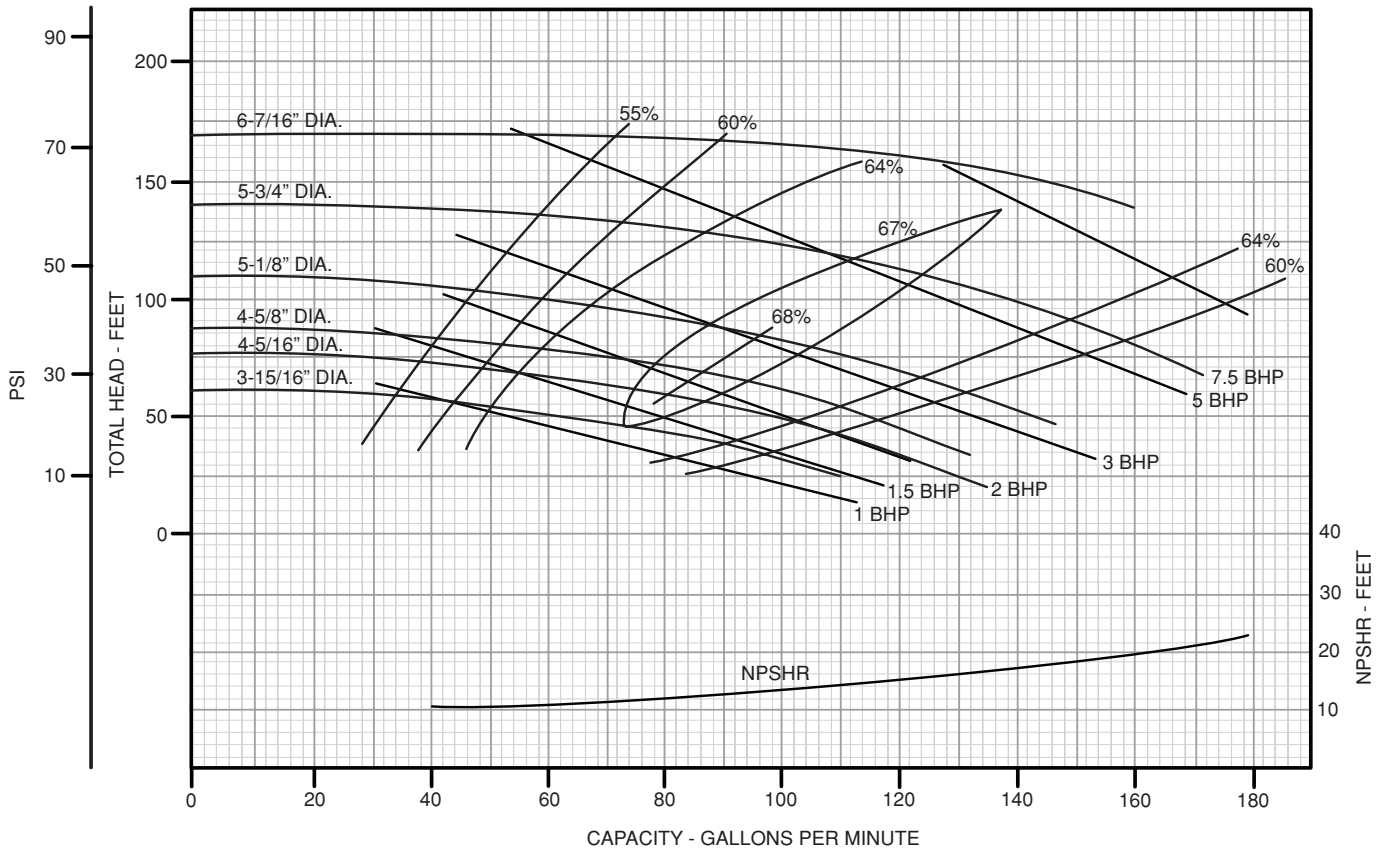
DB1 1-1/2" Suction x 1" Discharge			Capacities GPM																Shut-off Head (Ft.)	
Model	HP	Imp. Dia.	Total Head in Feet																	
			25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	160	
7DB1	3/4	4-1/4"	61	58	54	49	46	41	29											72
1DB1	1	4-3/4"			67	63	59	56	46	36	20									84
15DB1	1-1/2	5-3/16"						72	65	58	50	39	28							109
2DB1	2	5-1/2"							74	68	61	53	45	33						122
3DB1	3	6-1/8"									78	73	67	61	54	46	37			151
5DB1	5	6-7/16"												80	74	68	62	53	42	174

Note: All performance data based on rated nameplate voltage.



Model DB1-1/2 Performance

1-1/2" Discharge x 2" Suction (3500 RPM)

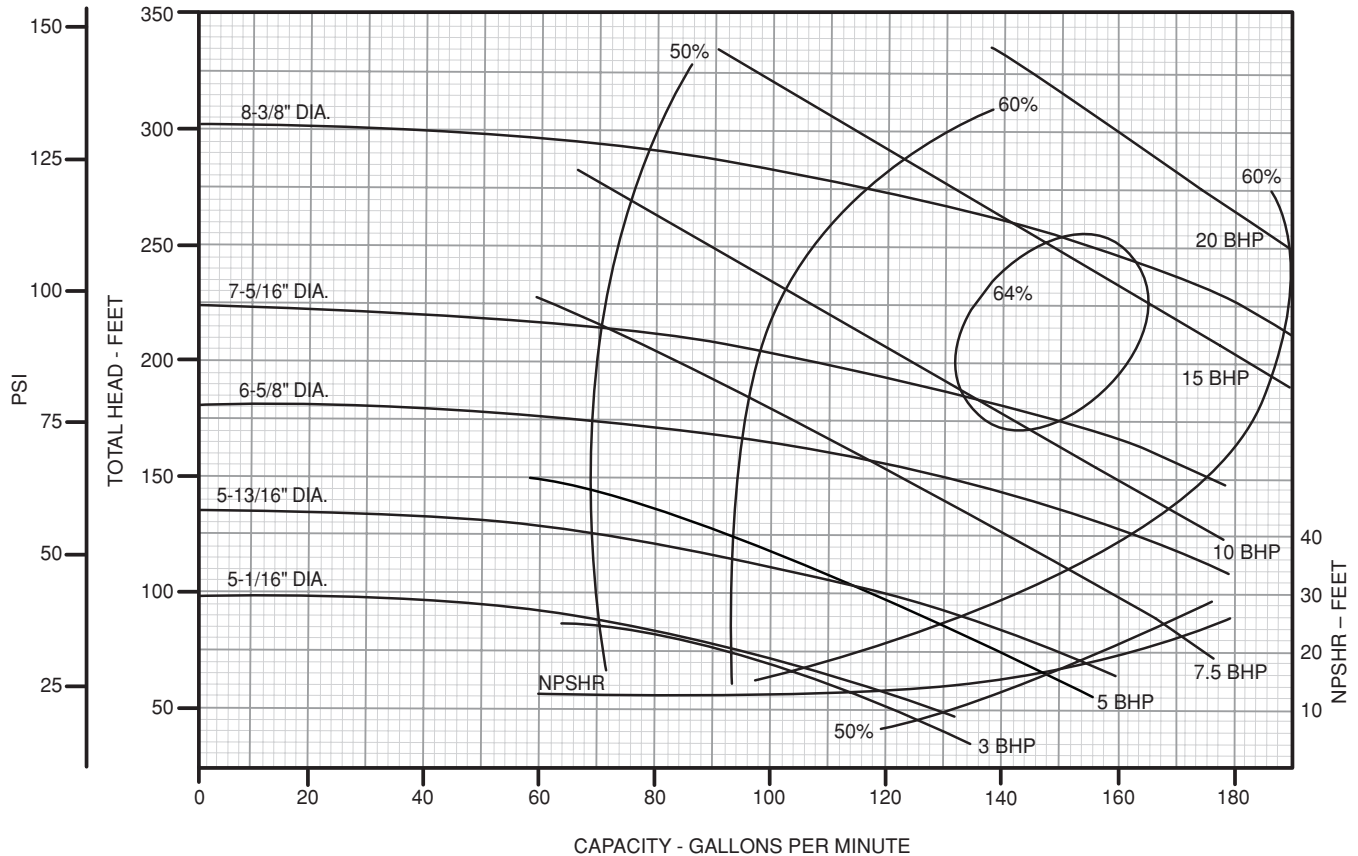


DB1-1/2 2" Suction x 1-1/2" Discharge			Capacities GPM														Shut-off Head (Ft.)			
Model	HP	Imp. Dia.	Total Head in Feet																	
			25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	160	
1DB1-1/2	1	3-15/16"	125	105	95	86	75	63												60
15DB1-1/2	1-1/2	4-5/16"		123	118	112	106	96	78	50										75
2DB1-1/2	2	4-5/8"			130	126	120	115	100	82	52									87
3DB1-1/2	3	5-1/8"						144	132	118	103	88	62							110
5DB1-1/2	5	5-3/4"									163	153	141	126	107	78				140
75DB1-1/2	7-1/2	6-7/16"														170	165	135	130	170

Note: All performance data based on rated nameplate voltage.

Model DC1-1/2 Performance 1-1/2" Discharge x 2" Suction (3500 RPM)

PAGE: CP-420
DATE: June 5, 2006

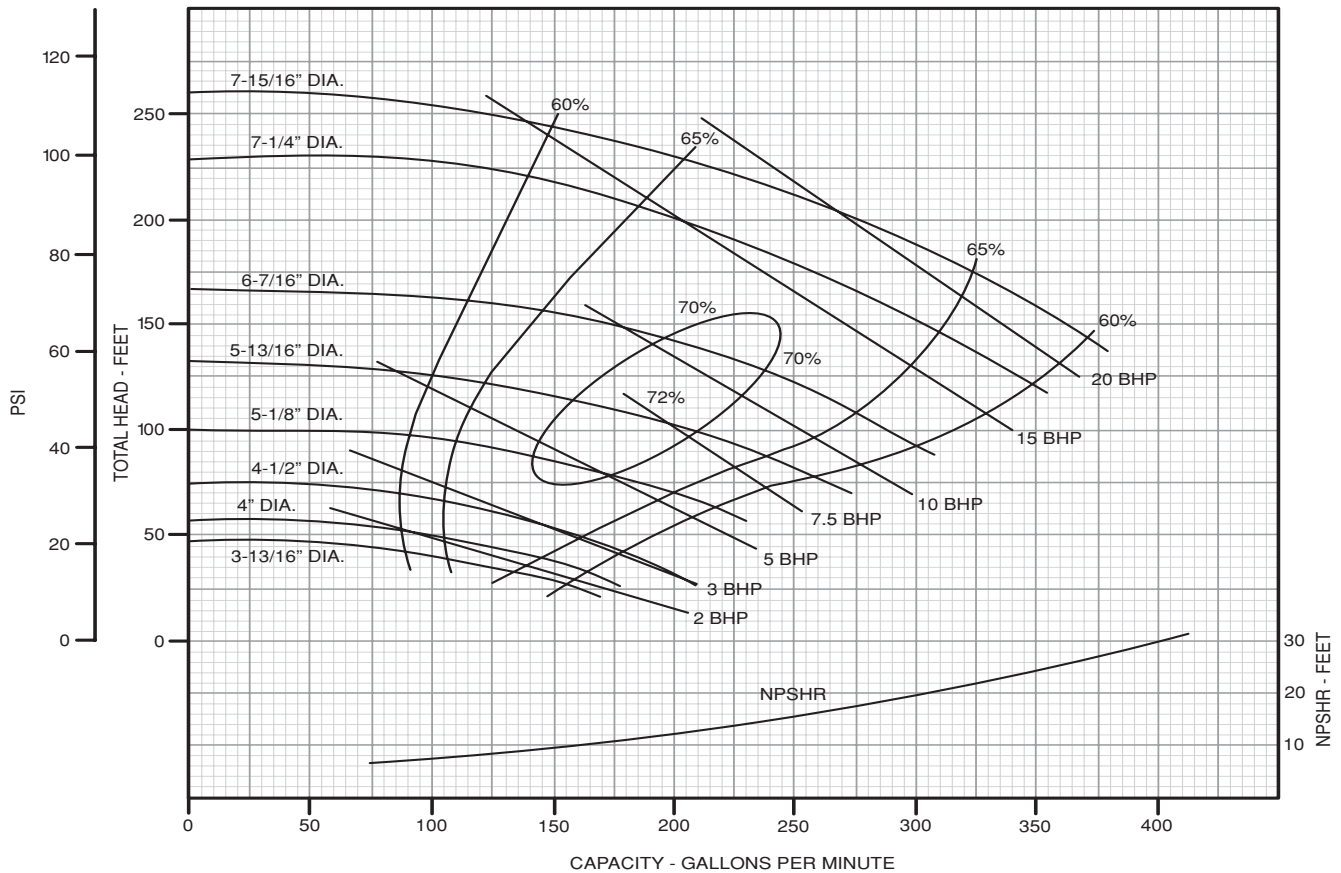


DC1-1/2 2" Suction x 1-1/2" Discharge			Capacities GPM																	Shut-off Head (Ft.)			
Model	HP	Imp. Dia.	Total Head in Feet																				
			50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	
3DC1-1/2	3	5-1/16"	130	120	108	92	70																100
5DC1-1/2	5	5-13/16"			155	144	132	118	100	84	56												135
75DC1-1/2	7-1/2	6-5/8"							180	170	160	150	130	110	80								180
10DC1-1/2	10	7-5/16"											176	167	156	143	126	106					220
15DC1-1/2	15	8-3/8"																	184	167	140	100	300

Note: All performance data based on rated nameplate voltage.



Model DB2 Performance 2" Discharge x 3" Suction (3500 RPM)



DB2 3" Suction x 2" Discharge			Capacities GPM															Shut-off Head (Ft.)		
Model	HP	Imp. Dia.	Total Head in Feet																	
			20	25	30	35	40	45	50	60	70	80	90	100	110	120	150	200	250	
15DB2	1-1/2	3-13/16"	175	160	145	125	100	65												50
2DB2	2	4"		185	170	160	145	125	100											58
3DB2	3	4-1/2"						175	165	140	90									75
5DB2	5	5-1/8"								235	210	190	160							100
75DB2	7-1/2	5-13/16"										260	240	225	200	160				135
10DB2	10	6-7/16"											310	290	275	260	185			170
15DB2	15	7-1/4"														350	305	205		230
20DB2	20	7-15/16"															365	275	130	260

Note: All performance data based on rated nameplate voltage.

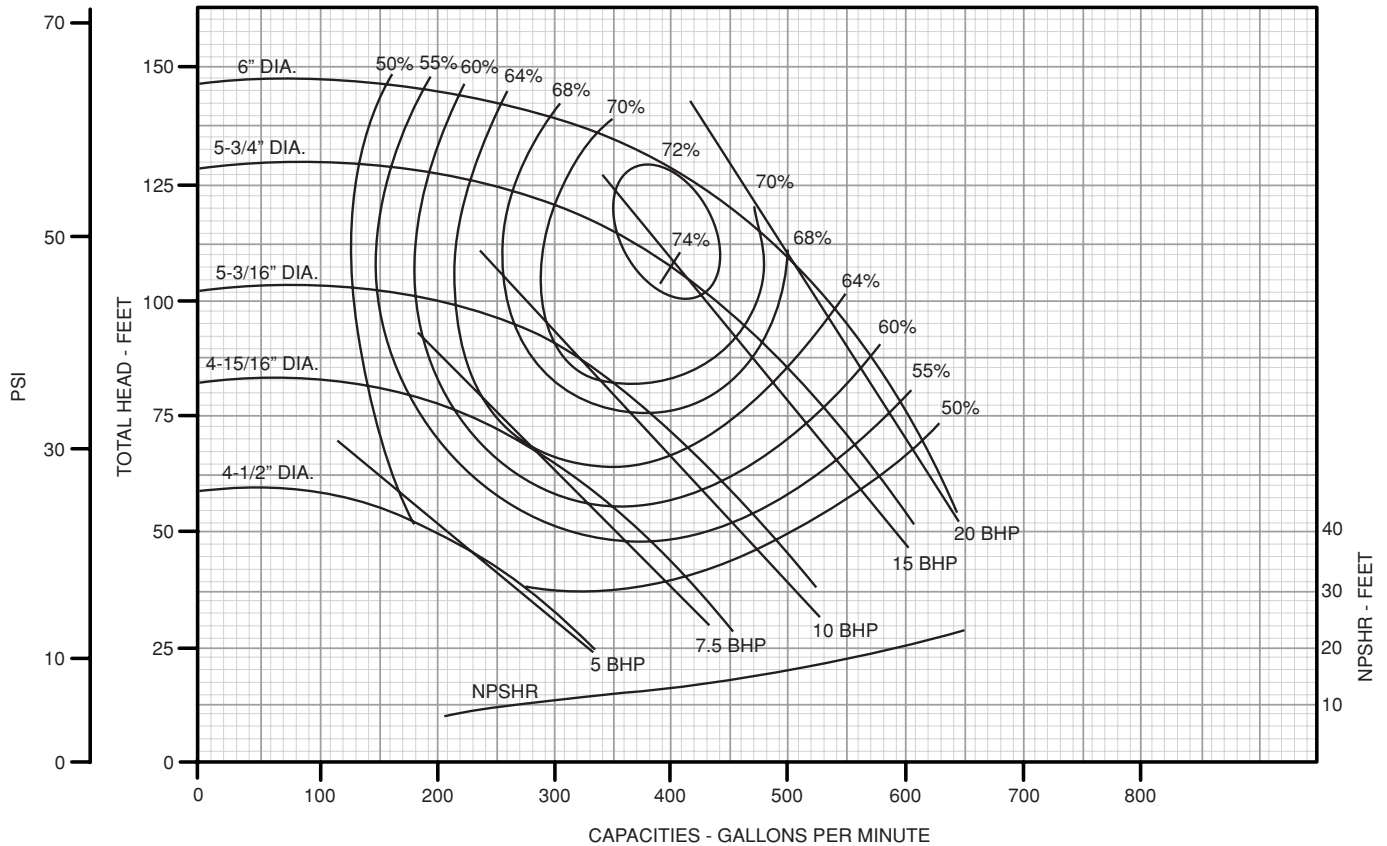


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DB3 Performance 3" Discharge x 4" Suction (3500 RPM)

PAGE: CP-421
DATE: June 5, 2006



DB3 4" Suction x 3" Discharge			Capacities GPM														Shut-off Head (Ft.)		
Model	HP	Imp. Dia.	Total Head in Feet																
			25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	
5DB3	5	4-1/2"	335	305	280	250	220	200											60
75DB3	7-1/2	4-15/16"		440	425	405	385	365	320	260									81
10DB3	10	5-5/16"				505	490	470	440	400	360	250							101
15DB3	15	5-3/4"						600	580	550	510	460	430	380	300				128
20DB3	20	6"							630	610	590	550	530	510	450	380			146

Note: All performance data based on rated nameplate voltage.

DC4 Series End Suction Centrifugal Pumps

PAGE: CP-425

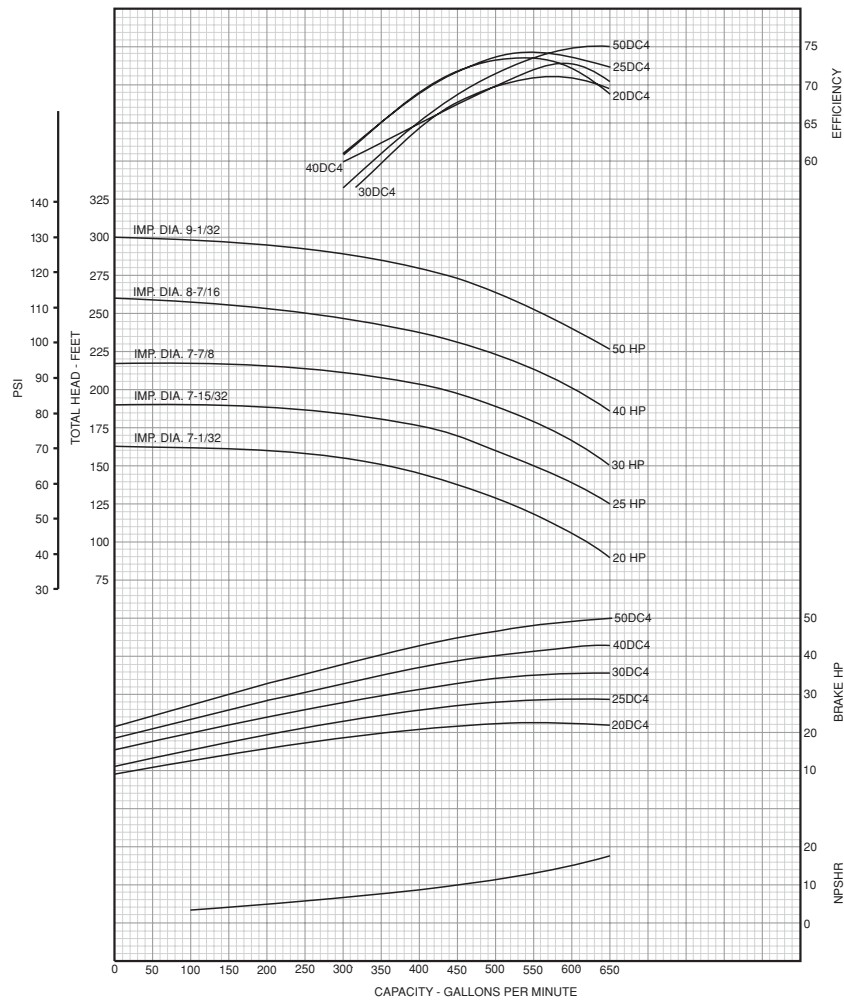
DATE: June 5, 2006



Features:

- Epoxy-coated cast iron impeller for maximum efficiency.
- Mechanical shaft seal for water temperatures up to 212°F.
- 4" NPT suction/discharge on 20-30 HP units.
- Flanged 5" suction / 4" discharge on 40-50 HP units.
- 20-50 HP pump end kits are available with either NPT suction/discharge or flanged suction/discharge connections.
- Maximum operating pressure of 150 PSI.
- External balance line.

Model DC4 Performance (3500 RPM)



DC4			Capacities GPM															Shut-off Head (Ft.)	
			Total Head in Feet																
Model	HP	Imp. Dia.	90	100	120	140	150	160	170	180	190	200	210	220	240	260	280	290	
20DC4	20	7-1/32"	650	620	545	430	350	200											165
25DC4	25	7-15/32"			650	595	550	500	450	350									190
30DC4	30	7-7/8"					650	620	590	545	500	430	320						215
40DC4	40	8-7/16"									640	605	560	515	375				260
50DC4	50	9-1/32"												660	600	515	400	280	300

Note: All performance data based on rated nameplate voltage.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

D Series Ordering Information

PAGE: CP-430
DATE: June 5, 2006

D SERIES CENTRIFUGAL PUMP UNITS with OPEN DRIP PROOF MOTORS

Series	Suction x Discharge	HP	SINGLE PHASE			THREE PHASE - 208-230/460 VOLT		
			Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
DA1A	1-1/4" x 1"	1/3	3FPDA1A-S	93160012	32	3FPDA1A-T	93160053	31
		1/2	5FPDA1A-S	93160020	35	5FPDA1A-T	93160061	34
		3/4	7FPDA1A-S	93160038	36	7FPDA1A-T	93160079	37
		1	1FPDA1A-S	93160046	37	1FPDA1A-T	93160087	38
DA1B	1-1/4" x 1"	1/2	5FPDA1B-S	93160137	36	5FPDA1B-T	93160186	31
		3/4	7FPDA1B-S	93160145	38	7FPDA1B-T	93160194	33
		1	1FPDA1B-S	93160152	40	1FPDA1B-T	93160202	35
		1-1/2	15FPDA1B-S	93160160	46	15FPDA1B-T	93160210	45
		2	2FPDA1B-S	93160178	49	2FPDA1B-T	93160228	48
DB1	1-1/2" x 1"	3/4	7FPDB1-S	93160285	42	7FPDB1-T	93160343	48
		1	1FPDB1-S	93160293	45	1FPDB1-T	93160350	50
		1-1/2	15FPDB1-S	93160301	55	15FPDB1-T	93160368	52
		2	2FPDB1-S	93160319	53	2FPDB1-T	93160376	54
		3	3FPDB1-S	93160327	74	3FPDB1-T	93160384	64
		5	5FPDB1-S	93160335	122	5FPDB1-T	93160392	82
DB1-1/2	2" x 1-1/2"	1	1FPDB1-1/2-S	93160467	50	1FPDB1-1/2-T	93160525	47
		1-1/2	15FPDB1-1/2-S	93160475	54	15FPDB1-1/2-T	93160533	52
		2	2FPDB1-1/2-S	93160483	58	2FPDB1-1/2-T	93160541	55
		3	3FPDB1-1/2-S	93160491	74	3FPDB1-1/2-T	93160558	63
		5	5FPDB1-1/2-S	93160509	122	5FPDB1-1/2-T	93160566	102
		7-1/2	75FPDB1-1/2-S	93160517	184	75FPDB1-1/2-T	93160574	110
DC1-1/2	2" x 1-1/2"	3	3FPDC1-1/2-S	93160830	122	3FPDC1-1/2-T	93120863	117
		5	5FPDC1-1/2-S	93160848	142	5FPDC1-1/2-T	93160871	98
		7-1/2	75FPDC1-1/2-S	93160855	162	75FPDC1-1/2-T	93160889	132
		10	10FPDC1-1/2-S	93161168	190	10FPDC1-1/2-T	93160897	171
		15	Not Available in Single Phase			15FPDC1-1/2-T	93160905	175
DB2	3" x 2"	1-1/2	15FPDB2-S	93160657	57	15FPDB2-T	93160707	57
		2	2FPDB2-S	93160665	60	2FPDB2-T	93160715	60
		3	3FPDB2-S	93160673	80	3FPDB2-T	93160723	72
		5	5FPDB2-S	93160681	119	5FPDB2-T	93160731	110
		7-1/2	75FPDB2-S	93160699	150	75FPDB2-T	93160749	116
		10	10FPDB2-S	93161150	171	10FPDB2-T	93160756	146
		15	Not Available in Single Phase			15FPDB2-T	93161051	210
		20	Not Available in Single Phase			20FPDB2-T	93161069	243
DB3	4" x 3"	5	5FPDB3-S	93167330	132	5FPDB3-T	93167363	95
		7-1/2	75FPDB3-S	93167348	160	75FPDB3-T	93167371	120
		10	10FPDB3-S	93167355	174	10FPDB3-T	93167389	180
		15	Not Available in Single Phase			15FPDB3-T	93167397	183
		20	Not Available in Single Phase			20FPDB3-T	93167405	232
DC4	4" x 4"	20	Not Available in Single Phase			20FPDC4-T	93167710	312
		25	Not Available in Single Phase			25FPDC4-T	93167728	325
		30	Not Available in Single Phase			30FPDC4-T	93167736	389
	5" x 4" Flanged	40	Not Available in Single Phase			40FPDC4-T	93167744	433
		50	Not Available in Single Phase			50FPDC4-T	93167785	593

Notes: Maximum O.D. impeller supplied with P.E. Kits. Impeller must be trimmed to match motor H.P.
 *40-50 HP DC4 equipped with 125 lb. flanged connections.
 Single phase 1/3 - 2 HP motors rated 115/230V.
 Single phase 3 - 10 HP motors rated 230V.
 Three phase motors rated 208-230/460 Volts.



Franklin Electric
 400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

D Series Pump End Kits

PAGE: CP-435

DATE: June 5, 2006



FPS

D series

Maximize your flexibility and response time for standard or special applications using end suction centrifugal pumps... industrial use, transfer circulation or booster service.

Features:

- Each kit has a maximum O.D. impeller that can be trimmed to satisfy any of several horsepower requirements, thus eliminating the need to stock a complete unit for each horsepower. **Note:** Impellers should be balanced after trimming.
- A case, bracket, and hardware kit come with each kit to build a complete pump (motor not included).
- DC4 20 - 50HP pump end kits are available with either NPT suction/discharge or flanged suction/discharge. All other models are NPT only.
- Heavy-duty cast iron body for increased durability.
- DA1A, DA1B, DB1-1/2, DC1-1/2, and DB2 Series are fitted with bronze impeller.
- DB3 is fitted with cast iron impeller.
- DC4 is fitted with epoxy coated cast iron impeller.
- DDD models include thermoplastic impellers.
- 1/3 - 2HP models have 56C frame motors with shaft coupling design for easy removal. (Except DDD models which have 56Z frame motors.)
- 5 - 50HP models have JM frame motors with shaft sleeve/o-ring design for added protection against shaft damage.
- 3HP models can use either JM or 56 frame motors.
- Mechanical shaft seal handles water temperatures up to 212°F. **Note:** For higher temperature applications, consult your mechanical seal supplier.
- Max. operating working pressure is 150 PSI.
- All models are 3500 RPM. Models DB1, DB1-1/2, and DB2 are also available in 1750 RPM.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

D Series Pump End Kits - Ordering Information

PAGE: CP-440
DATE: June 5, 2006

D SERIES CENTRIFUGAL PUMP END KITS for 3500 R.P.M. - O.D.P. MOTORS

Series	Suction x Discharge	HP Range	Phase	Motor Frame Size	Max. Imp. Diameter	PUMP END KIT		
						Model No.	Order No.	Wt.
DA1A	1-1/4" x 1"	1/3 - 1	1 or 3	56C	5-1/16"	FPDA1A-K1	93167413R011	15
DA1B	1-1/4" x 1"	1/2 - 2	1 or 3	56C	5-1/16"	FPDA1B-K1	93167413R021	15
DB1	1-1/2" x 1"	3/4 - 3	1 or 3	56C	6-1/8"	FPDB1-K1	93167413R032	25
		5	3	182JM	6-7/16"	FPDB1-K2	93167413R053	35
		5	1	184JM				
DB1-1/2	2" x 1-1/2"	1 - 3	1 or 3	56C	5-1/8"	FPDB1-1/2-K1	93167413R072	30
		5	3	182JM	6-7/16"	FPDB1-1/2-K2	93167413R083	40
		5	1	184JM				
		7-1/2	3	184JM	6-7/16"	FPDB1-1/2-K3	93167413R093	45
7-1/2	1	213JM						
DC1-1/2	2" x 1-1/2"	3	3	145JM	5-3/16"	FPDC1-1/2-K2	93167413R133	45
		3	1	182JM				
		5	3	182JM				
		5	1	184JM				
		7-1/2	3	184JM	6-5/8"	FPDC1-1/2-K2A	93167413R143	45
		7-1/2	1	213JM	6-5/8"	FPDC1-1/2-K3A	93167413R163	55
		10	3	213JM	8-3/8"	FPDC1-1/2-K3	93167413R173	55
		10	1	215JM				
15	3	215JM						
DB2	3" x 2"	1-1/2 - 3	1 or 3	56C	4-1/2"	FPDB2-K1	93167413R102	40
		5	3	182JM	5-3/16"	FPDB2-K2	93167413R113	50
		5	1	184JM				
		7-1/2	3	184JM				
		7-1/2	1	213JM	6-7/16"	FPDB2-K3	93167413R123	60
		10	3	213JM				
		10	1	215JM				
		15	3	215JM				
20	3	254JM	7-1/4"	FPDB2-K3A	93167413R193	65		
20	3	254JM	7-15/16"	FPDB2-K4	93167413R204	70		
DB3	4" x 3"	5	3	182JM	4-15/16"	FPDB3-K2	93167413R215	60
		5	1	184JM				
		7-1/2	3	184JM				
		7-1/2	1	213JM	5-3/4"	FPDB3-K3	93167413R225	70
		10	3	213JM				
		10	1	215JM				
		15	3	215JM				
20	3	254JM	6"	FPDB3-K4	93167413R236	75		
DC4	4" x 4"	20	3	254JM	7-15/32"	FPDC4-K4	93167413R277	145
		25	3	256JM				
		30	3	284JM				
		40	3	286JM	9-1/32"	FPDC4-K5	93167413R288	155
		50	3	324JM				
	5" x 4" Flanged	20	3	254JM	7-15/32"	FPDC4-K4F	93167413R297	160
		25	3	256JM				
		30	3	284JM	9-1/32"	FPDC4-K5F	93167413R308	170
		40	3	286JM				
50	3	324JM						

Notes: Maximum O.D. impeller supplied with P.E. Kits. Impeller must be trimmed to match motor H.P.
Refer to performance curves for specific impeller trim diameters.
Consult catalog for specific trim sizes and performance. Impellers should be rebalanced after trimming.

D Series Pump End Kits - Ordering Information

D SERIES CENTRIFUGAL PUMP END KITS for 1750 R.P.M. - O.D.P. MOTORS								
Series	Suction x Discharge	HP Range	Phase	Motor Frame Size	Max. Imp. Diameter	PUMP END KIT		
						Model No.	Order No.	Wt.
DB1	1-1/2" x 1"	1/3 - 1/2	1 or 3	56C	6-7/16"	FPDB1-K1	93167413R242	25
DB1-1/2	2" x 1-1/2"	1/3 - 1	1 or 3	56C	6-7/16"	FPDB1-1/2-K1	93167413R252	30
DB2	3" x 2"	1/2 - 3/4	1 or 3	56C	6-7/16"	FPDB2-K1	93167413R262	40
		1 - 1-1/2	1 or 3	56C	6-7/16"	FPDB2-K2	93167413R272	40

Notes: Maximum O.D. impeller supplied with P.E. Kits. Impeller must be trimmed to match motor H.P.
Consult catalog for specific trim sizes and performance. Impellers should be rebalanced after trimming.

Kit No.	Frame Size Fit
K1	56
K2	145-182-184JM
K3	213-215JM
K4	254-256JM
K5	284-286-324-326JM

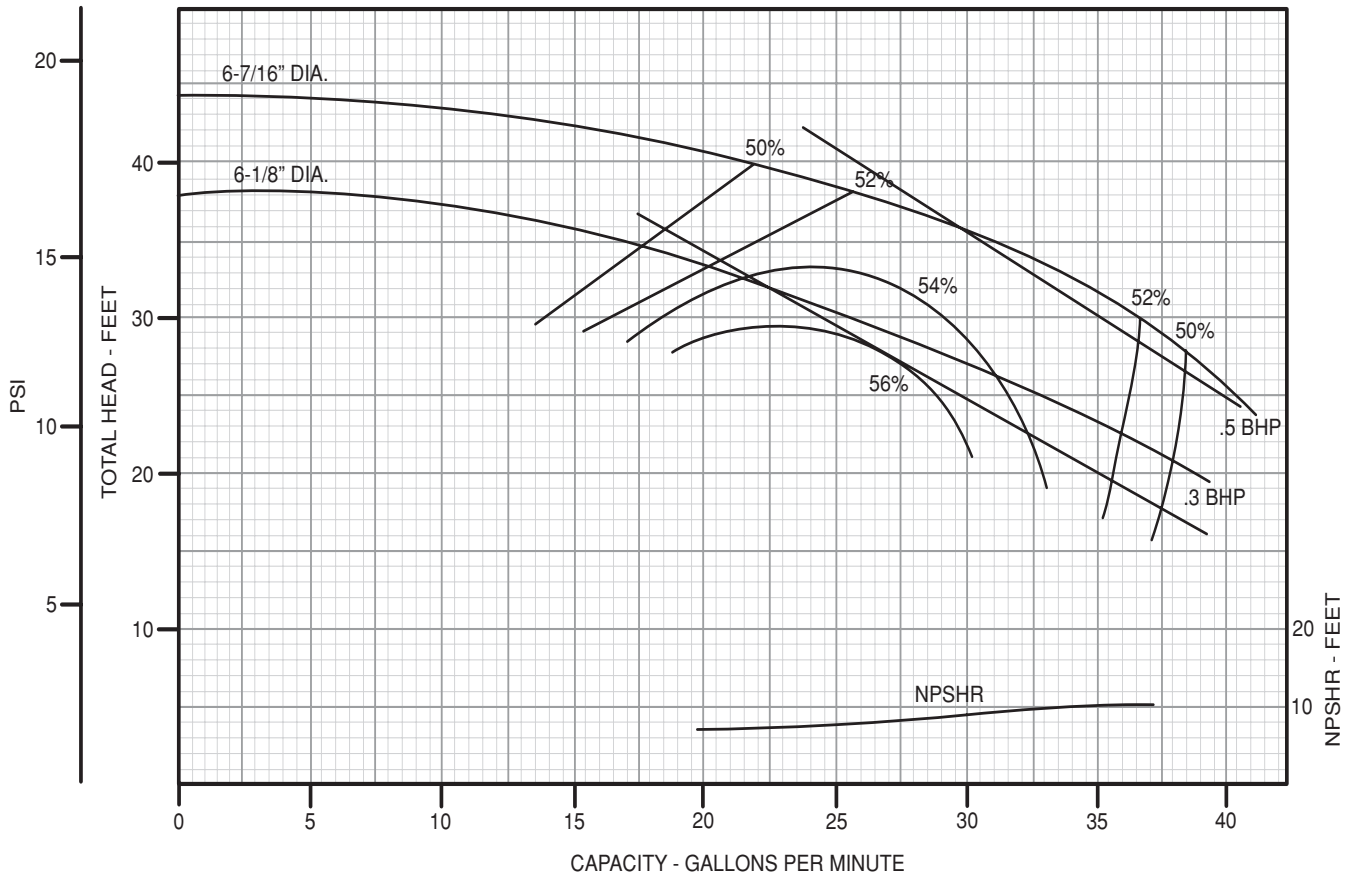


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DB1 Performance 1" Discharge x 1-1/2" Suction (1750 RPM)

PAGE: CP-445
DATE: June 5, 2006

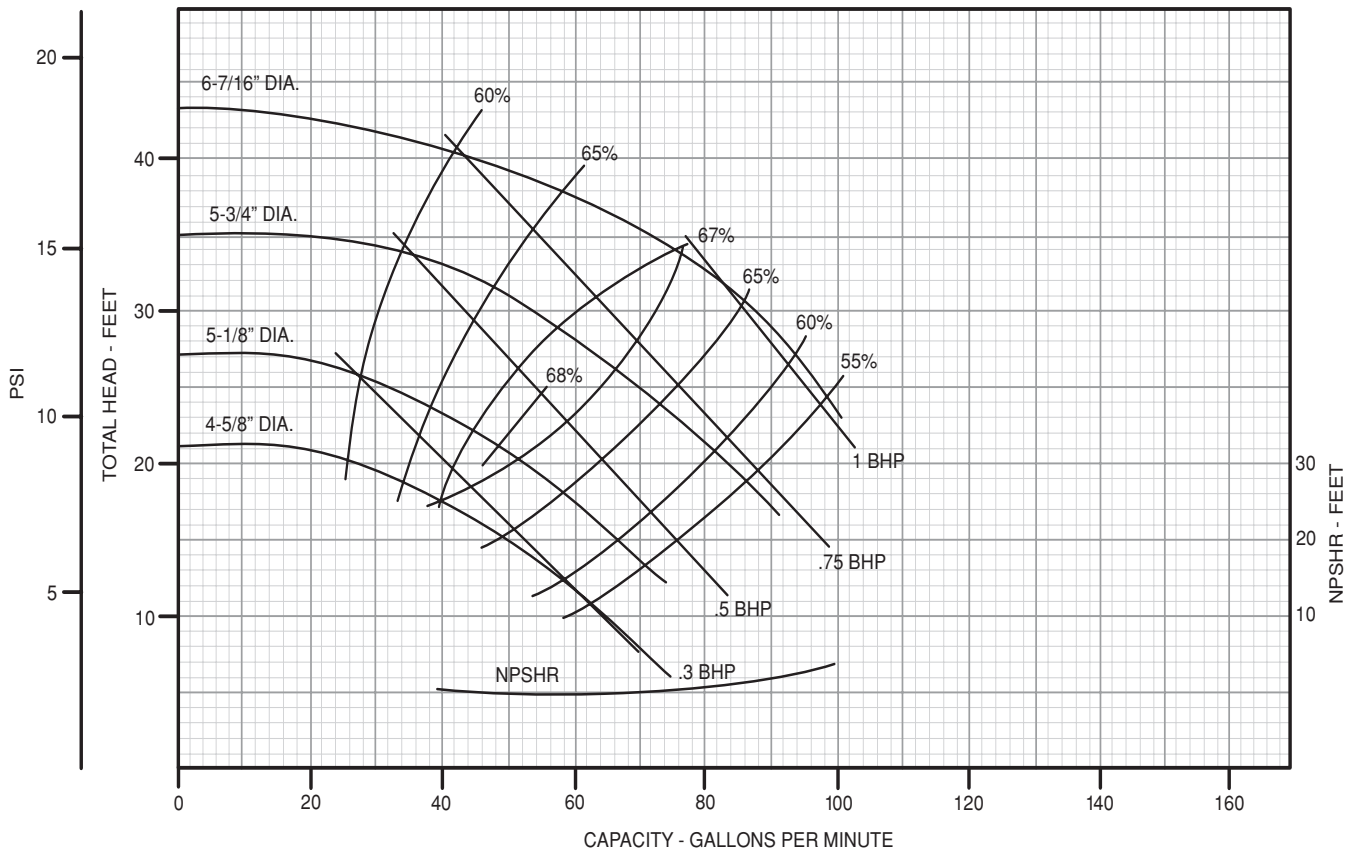


DB1 1-1/2" Suction x 1" Discharge		Capacities GPM									Shut-off Head (Ft.)
		Total Head in Feet									
HP	Imp. Dia.	10	15	20	25	30	35	40	45	50	
1/3	6-1/8"			39	33	26	16				38
1/2	6-7/16"				40	35	30	21			44

Note: 1750 RPM Models are available as D Series Pump End Kits only.



Model DB1-1/2 Performance 1-1/2" Discharge x 2" Suction (1750 RPM)



DB1-1/2 2" Suction x 1-1/2" Discharge		Capacities GPM									Shut-off Head (Ft.)
HP	Imp. Dia.	Total Head in Feet									
		10	15	20	25	30	35	40	45	50	
1/3	4-5/8"	64	50	24							21
1/2	5-1/8"		66	52	30						27
3/4	5-3/4"			84	70	54					35
1	6-7/16"				98	86	70	46			43

Note: 1750 RPM Models are available as D Series Pump End Kits only.

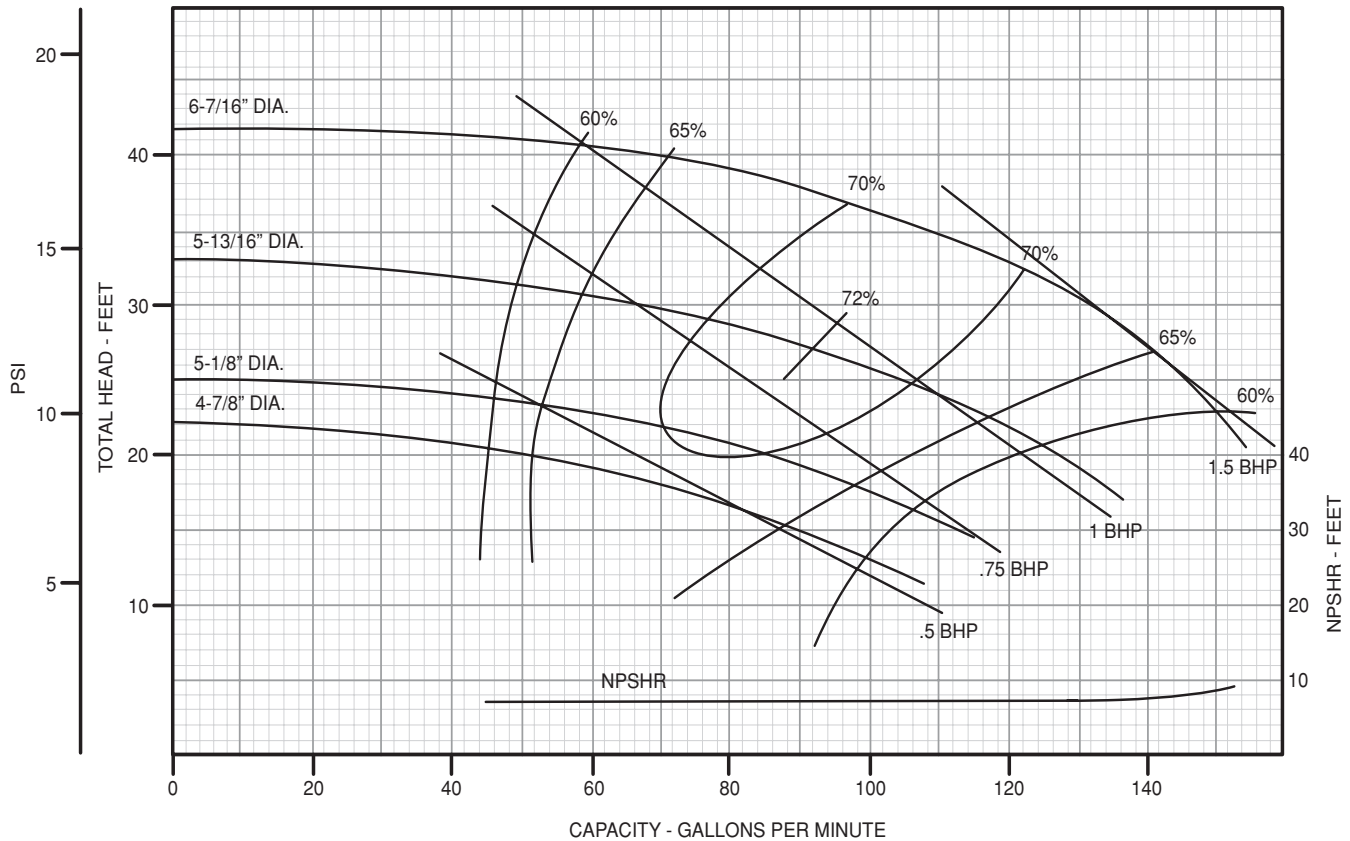


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DB2 Performance 2" Discharge x 3" Suction (1750 RPM)

PAGE: CP-450
DATE: June 5, 2006



DB2 3" Suction x 2" Discharge		Capacities GPM									Shut-off Head (Ft.)
HP	Imp. Dia.	Total Head in Feet									
		10	15	20	25	30	35	40	45	50	
1/2	4-7/8"	114	90	56							22
3/4	5-1/8"		112	88							25
1	5-13/16"			127	104	70					33
1-1/2	6-7/16"			156	144	128	108	69			42

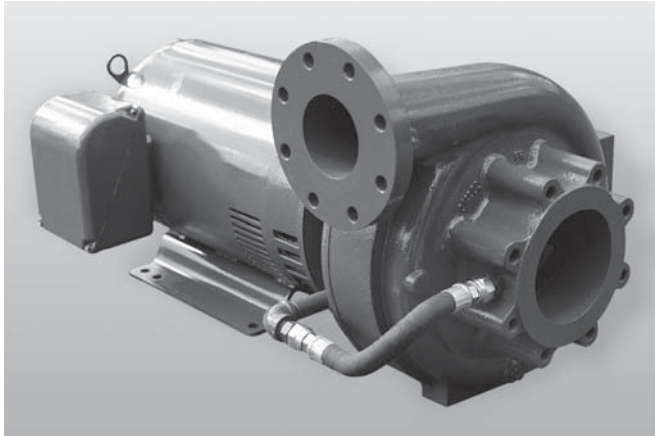
Note: 1750 RPM Models are available as D Series Pump End Kits only.
Performance supplied for D Series Pump End Kit sizing.
Complete 1750 RPM units not available.

HC Series

Standard Centrifugal Pumps- Close Coupled

PAGE: CP-700

DATE: June 5, 2006



Features:

- 1-1/2" - 10" discharge sizes
- Capacities to 7000 GPM, 480' TDH
- Horsepower: Up to 200 HP
- Standard ductile iron construction with bronze wear ring and sleeve
- Replaceable wear rings
- Superior NPSH characteristics
- 150# rated flat faced flanges
- Heavy wall construction
- Grade 5 capscrews
- HC75 & HC10 Series- Enclosed impellers, internally hydraulically balanced
- Double volute on HC10x10-14, for balanced radial forces, HC14 Series- External balance line standard
- Standard with graphite packing or single mechanical seal

Model Number Explanation

Example: 7HC31575-CCPHAA

7 = 7.5 Horsepower (CC only)

HC = Horizontal Centrifugal

3 = Suction Size

15 = Discharge Size

75 = Nominal Impeller Dia.

CC = Close Coupled

P = Shaft Sealing:

P=Packing

M=Mechanical Seal

HAA = Impeller Diameter (Alpha)

A=0 F=5 L=10

B=1 G=6 M=11

C=2 H=7 N=12

D=3 J=8 P=13

E=4 K=9 Q=14



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

HC Series

Standard Centrifugal Pumps- Close Coupled

PAGE: CP-705

DATE: June 5, 2006

Ordering Information

7.5" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-3x15-75	3" x 1.5"	Flanged	Std. Eff.	3-3600	1	Packing	50031575110	195
		Flanged	Std. Eff.	5-3600	1	Packing	50031575130	205
		Flanged	Std. Eff.	7.5-3600	1	Packing	50031575140	215
		Flanged	Std. Eff.	10-3600	1	Packing	50031575150	248
HC-3x15-75	3" x 1.5"	Flanged	Std. Eff.	3-3600	3	Packing	10031575110	195
		Flanged	Std. Eff.	5-3600	3	Packing	10031575130	205
		Flanged	Std. Eff.	7.5-3600	3	Packing	10031575140	215
		Flanged	Std. Eff.	10-3600	3	Packing	10031575150	248
HC-3x15-75	3" x 1.5"	Flanged	Std. Eff.	3-3600	1	Mech Seal	51031575111	195
		Flanged	Std. Eff.	5-3600	1	Mech Seal	51031575131	205
		Flanged	Std. Eff.	7.5-3600	1	Mech Seal	51031575141	215
		Flanged	Std. Eff.	10-3600	1	Mech Seal	51031575151	248
HC-3x15-75	3" x 1.5"	Flanged	Std. Eff.	3-3600	3	Mech Seal	11031575111	195
		Flanged	Std. Eff.	5-3600	3	Mech Seal	11031575131	205
		Flanged	Std. Eff.	7.5-3600	3	Mech Seal	11031575141	215
		Flanged	Std. Eff.	10-3600	3	Mech Seal	11031575151	248
HC-3x2-75	3" x 2"	Flanged	Std. Eff.	3-3600	1	Packing	50030275100	190
		Flanged	Std. Eff.	5-3600	1	Packing	50030275110	200
		Flanged	Std. Eff.	7.5-3600	1	Packing	50030275130	210
		Flanged	Std. Eff.	10-3600	1	Packing	50030275140	243
HC-3x2-75	3" x 2"	Flanged	Std. Eff.	3-3600	3	Packing	10030275100	190
		Flanged	Std. Eff.	5-3600	3	Packing	10030275110	200
		Flanged	Std. Eff.	7.5-3600	3	Packing	10030275130	210
		Flanged	Std. Eff.	10-3600	3	Packing	10030275140	243
		Flanged	Std. Eff.	15-3600	3	Packing	10030275150	257
HC-3x2-75	3" x 2"	Flanged	Std. Eff.	3-3600	1	Mech Seal	51030275101	190
		Flanged	Std. Eff.	5-3600	1	Mech Seal	51030275111	200
		Flanged	Std. Eff.	7.5-3600	1	Mech Seal	51030275131	210
		Flanged	Std. Eff.	10-3600	1	Mech Seal	51030275141	243
HC-3x2-75	3" x 2"	Flanged	Std. Eff.	3-3600	3	Mech Seal	11030275101	190
		Flanged	Std. Eff.	5-3600	3	Mech Seal	11030275111	200
		Flanged	Std. Eff.	7.5-3600	3	Mech Seal	11030275131	210
		Flanged	Std. Eff.	10-3600	3	Mech Seal	11030275141	243
		Flanged	Std. Eff.	15-3600	3	Mech Seal	11030275151	257
HC-4x25-75	4" x 2.5"	Flanged	Std. Eff.	7.5-3600	1	Packing	50042575100	225
		Flanged	Std. Eff.	10-3600	1	Packing	50042575110	258
HC-4x25-75	4" x 2.5"	Flanged	Std. Eff.	7.5-3600	3	Packing	10042575100	225
		Flanged	Std. Eff.	10-3600	3	Packing	10042575110	258
		Flanged	Std. Eff.	15-3600	3	Packing	10042575130	272
		Flanged	Std. Eff.	20-3600	3	Packing	10042575140	292
		Flanged	Std. Eff.	25-3600	3	Packing	10042575150	302
HC-4x25-75	4" x 2.5"	Flanged	Std. Eff.	7.5-3600	1	Mech Seal	51042575101	225
		Flanged	Std. Eff.	10-3600	1	Mech Seal	51042575111	258
HC-4x25-75	4" x 2.5"	Flanged	Std. Eff.	7.5-3600	3	Mech Seal	11042575101	225
		Flanged	Std. Eff.	10-3600	3	Mech Seal	11042575111	258
		Flanged	Std. Eff.	15-3600	3	Mech Seal	11042575131	272
		Flanged	Std. Eff.	20-3600	3	Mech Seal	11042575141	292
		Flanged	Std. Eff.	25-3600	3	Mech Seal	11042575151	302

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



HC Series

Standard Centrifugal Pumps- Close Coupled

Ordering Information Cont.

7.5" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-4x3-75	4" x 3"	Flanged	Std. Eff.	7.5-3600	1	Packing	50040375100	235
		Flanged	Std. Eff.	10-3600	1	Packing	50040375110	268
HC-4x3-75	4" x 3"	Flanged	Std. Eff.	7.5-3600	3	Packing	10040375100	235
		Flanged	Std. Eff.	10-3600	3	Packing	10040375110	268
		Flanged	Std. Eff.	15-3600	3	Packing	10040375120	282
		Flanged	Std. Eff.	20-3600	3	Packing	10040375130	302
		Flanged	Std. Eff.	25-3600	3	Packing	10040375140	312
		Flanged	Std. Eff.	30-3600	3	Packing	10040375150	464
HC-4x3-75	4" x 3"	Flanged	Std. Eff.	7.5-3600	1	Mech Seal	51040375101	235
		Flanged	Std. Eff.	10-3600	1	Mech Seal	51040375111	268
HC-4x3-75	4" x 3"	Flanged	Std. Eff.	7.5-3600	3	Mech Seal	11040375101	235
		Flanged	Std. Eff.	10-3600	3	Mech Seal	11040375111	268
		Flanged	Std. Eff.	15-3600	3	Mech Seal	11040375121	282
		Flanged	Std. Eff.	20-3600	3	Mech Seal	11040375131	302
		Flanged	Std. Eff.	25-3600	3	Mech Seal	11040375141	312
		Flanged	Std. Eff.	30-3600	3	Mech Seal	11040375151	464
HC-4x4-75	4" x 4"	Flanged	Std. Eff.	15-3600	3	Packing	10040475100	282
		Flanged	Std. Eff.	20-3600	3	Packing	10040475110	302
		Flanged	Std. Eff.	25-3600	3	Packing	10040475120	312
		Flanged	Std. Eff.	30-3600	3	Packing	10040475130	464
		Flanged	Std. Eff.	40-3600	3	Packing	10040475140	502
		Flanged	Std. Eff.	50-3600	3	Packing	10040475150	546
HC-4x4-75	4" x 4"	Flanged	Std. Eff.	15-3600	3	Mech Seal	11040475101	282
		Flanged	Std. Eff.	20-3600	3	Mech Seal	11040475111	302
		Flanged	Std. Eff.	25-3600	3	Mech Seal	11040475121	312
		Flanged	Std. Eff.	30-3600	3	Mech Seal	11040475131	464
		Flanged	Std. Eff.	40-3600	3	Mech Seal	11040475141	502
		Flanged	Std. Eff.	50-3600	3	Mech Seal	11040475151	546
HC-5x4-75	5" x 4"	Flanged	Std. Eff.	25-3600	3	Packing	10050475100	449
		Flanged	Std. Eff.	30-3600	3	Packing	10050475105	484
		Flanged	Std. Eff.	40-3600	3	Packing	10050475110	522
		Flanged	Std. Eff.	50-3600	3	Packing	10050475120	566
		Flanged	Std. Eff.	60-3600	3	Packing	10050475130	569
HC-5x4-75	5" x 4"	Flanged	Std. Eff.	25-3600	3	Mech Seal	11050475101	449
		Flanged	Std. Eff.	30-3600	3	Mech Seal	11050475106	484
		Flanged	Std. Eff.	40-3600	3	Mech Seal	11050475111	522
		Flanged	Std. Eff.	50-3600	3	Mech Seal	11050475121	566
		Flanged	Std. Eff.	60-3600	3	Mech Seal	11050475131	569

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

HC Series

Standard Centrifugal Pumps- Close Coupled

PAGE: CP-710

DATE: June 5, 2006

Ordering Information Cont.

10" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-3x2-10	3" x 2"	Flanged	Std. Eff.	10-3600	3	Packing	10030210100	315
		Flanged	Std. Eff.	15-3600	3	Packing	10030210110	327
		Flanged	Std. Eff.	20-3600	3	Packing	10030210115	322
		Flanged	Std. Eff.	25-3600	3	Packing	10030210120	337
		Flanged	Std. Eff.	30-3600	3	Packing	10030210130	484
HC-3x2-10	3" x 2"	Flanged	Std. Eff.	10-3600	1	Packing	50030210100	315
		Flanged	Std. Eff.	10-3600	3	Mech Seal	11030210101	315
		Flanged	Std. Eff.	15-3600	3	Mech Seal	11030210111	327
		Flanged	Std. Eff.	20-3600	3	Mech Seal	11030210116	322
		Flanged	Std. Eff.	25-3600	3	Mech Seal	11030210121	337
HC-4x25-10	4" x 2.5"	Flanged	Std. Eff.	30-3600	3	Mech Seal	11030210131	484
		Flanged	Std. Eff.	10-1800	1	Mech Seal	51030210101	315
		Flanged	Std. Eff.	15-3600	3	Packing	10042510100	354
		Flanged	Std. Eff.	20-3600	3	Packing	10042510105	327
		Flanged	Std. Eff.	25-3600	3	Packing	10042510110	347
		Flanged	Std. Eff.	30-3600	3	Packing	10042510115	494
		Flanged	Std. Eff.	40-3600	3	Packing	10042510120	532
		Flanged	Std. Eff.	50-3600	3	Packing	10042510125	576
		Flanged	Std. Eff.	60-3600	3	Packing	10042510130	579
		Flanged	Std. Eff.	2-1800	3	Packing	20042510100	230
HC-4x25-10	4" x 2.5"	Flanged	Std. Eff.	3-1800	3	Packing	20042510110	249
		Flanged	Std. Eff.	5-1800	3	Packing	20042510120	265
		Flanged	Std. Eff.	7.5-1800	3	Packing	20042510130	278
		Flanged	Std. Eff.	5-1800	1	Packing	50042510120	265
		Flanged	Std. Eff.	7.5-1800	1	Packing	50042510130	278
HC-4x25-10	4" x 2.5"	Flanged	Std. Eff.	15-3600	3	Mech Seal	11042510101	354
		Flanged	Std. Eff.	20-3600	3	Mech Seal	11042510106	327
		Flanged	Std. Eff.	25-3600	3	Mech Seal	11042510111	347
		Flanged	Std. Eff.	30-3600	3	Mech Seal	11042510116	494
		Flanged	Std. Eff.	40-3600	3	Mech Seal	11042510121	532
		Flanged	Std. Eff.	50-3600	3	Mech Seal	11042510126	576
		Flanged	Std. Eff.	60-3600	3	Mech Seal	11042510131	579
		Flanged	Std. Eff.	2-1800	3	Mech Seal	21042510101	230
		Flanged	Std. Eff.	3-1800	3	Mech Seal	21042510111	249
		Flanged	Std. Eff.	5-1800	3	Mech Seal	21042510121	265
HC-4x25-10	4" x 2.5"	Flanged	Std. Eff.	7.5-1800	3	Mech Seal	21042510131	278
		Flanged	Std. Eff.	5-1800	1	Mech Seal	51042510121	265
HC-4x25-10	4" x 2.5"	Flanged	Std. Eff.	7.5-1800	1	Mech Seal	51042510131	278
		Flanged	Std. Eff.	30-3600	3	Packing	10040310100	489
HC-4x3-10	4" x 3"	Flanged	Std. Eff.	40-3600	3	Packing	10040310110	527
		Flanged	Std. Eff.	50-3600	3	Packing	10040310120	571
		Flanged	Std. Eff.	60-3600	3	Packing	10040310125	574
		Flanged	e-pact eff.	75-3600	3	Packing	10040310130	662
		Flanged	e-pact eff.	100-3600	3	Packing	10040310140	708
HC-4x3-10	4" x 3"	Flanged	Std. Eff.	30-3600	3	Mech Seal	11040310101	489
		Flanged	Std. Eff.	40-3600	3	Mech Seal	11040310111	527
		Flanged	Std. Eff.	50-3600	3	Mech Seal	11040310121	571
		Flanged	Std. Eff.	60-3600	3	Mech Seal	11040310126	574
		Flanged	e-pact eff.	75-3600	3	Mech Seal	11040310131	662
		Flanged	e-pact eff.	100-3600	3	Mech Seal	11040310141	708

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



HC Series

Standard Centrifugal Pumps- Close Coupled

Ordering Information Cont.

10" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-6x4-10	6" x 4"	Flanged	Std. Eff.	30-3600	3	Packing	10060410100	552
		Flanged	Std. Eff.	40-3600	3	Packing	10060410105	592
		Flanged	Std. Eff.	50-3600	3	Packing	10060410110	636
		Flanged	Std. Eff.	60-3600	3	Packing	10060410115	639
		Flanged	e-pact eff.	75-3600	3	Packing	10060410120	727
		Flanged	e-pact eff.	100-3600	3	Packing	10060410130	773
HC-6x4-10	6" x 4"	Flanged	e-pact eff.	125-3600	3	Packing	10060410140	848
		Flanged	Std. Eff.	30-3600	3	Mech Seal	11060410101	552
		Flanged	Std. Eff.	40-3600	3	Mech Seal	11060410106	592
		Flanged	Std. Eff.	50-3600	3	Mech Seal	11060410111	636
		Flanged	Std. Eff.	60-3600	3	Mech Seal	11060410116	639
		Flanged	e-pact eff.	75-3600	3	Mech Seal	11060410121	727
HC-6x4-10	6" x 4"	Flanged	e-pact eff.	100-3600	3	Mech Seal	11060410131	773
		Flanged	e-pact eff.	125-3600	3	Mech Seal	10060410141	848
		Flanged	Std. Eff.	15-1800	3	Packing	20080695100	544
		Flanged	Std. Eff.	20-1800	3	Packing	20080695110	577
		Flanged	Std. Eff.	25-1800	3	Packing	20080695120	625
		Flanged	e-pact eff.	5-1200	3	Packing	30080695100	455
HC-8x6-95	8" x 6"	Flanged	e-pact eff.	7.5-1200	3	Packing	30080695110	468
		Flanged	Std. Eff.	15-1800	3	Mech Seal	21080695101	544
		Flanged	Std. Eff.	20-1800	3	Mech Seal	21080695111	577
		Flanged	Std. Eff.	25-1800	3	Mech Seal	21080695121	625
		Flanged	e-pact eff.	5-1200	3	Mech Seal	31080695101	455
		Flanged	e-pact eff.	7.5-1200	3	Mech Seal	31080695111	468
HC-8x6-95	8" x 6"	Flanged	Std. Eff.	20-1800	3	Mech Seal	21080610100	582
		Flanged	Std. Eff.	30-1800	3	Packing	20080610110	672
		Flanged	Std. Eff.	40-1800	3	Packing	20080610120	777
		Flanged	e-pact eff.	5-1200	3	Packing	30080610100	500
		Flanged	e-pact eff.	7.5-1200	3	Packing	30080610110	535
		Flanged	e-pact eff.	10-1200	3	Packing	30080610120	600
HC-8x6-10	8" x 6"	Flanged	Std. Eff.	20-1800	3	Mech Seal	21080610101	582
		Flanged	Std. Eff.	30-1800	3	Mech Seal	21080610111	672
		Flanged	Std. Eff.	40-1800	3	Mech Seal	21080610121	777
		Flanged	e-pact eff.	5-1200	3	Mech Seal	31080610101	500
		Flanged	e-pact eff.	7.5-1200	3	Mech Seal	31080610111	535
		Flanged	e-pact eff.	10-1200	3	Mech Seal	31080610121	600

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

HC Series

Standard Centrifugal Pumps- Close Coupled

PAGE: CP-715

DATE: June 5, 2006

Ordering Information Cont.

14" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-5x3-14	5" x 3"	Flanged	Std. Eff.	20-1800	3	Packing	20050314100	572
		Flanged	Std. Eff.	25-1800	3	Packing	20050314110	600
		Flanged	Std. Eff.	30-1800	3	Packing	20050314120	642
		Flanged	Std. Eff.	40-1800	3	Packing	20050314130	747
HC-5x3-14	5" x 3"	Flanged	Std. Eff.	20-1800	3	Mech Seal	21050314101	572
		Flanged	Std. Eff.	25-1800	3	Mech Seal	21050314111	600
		Flanged	Std. Eff.	30-1800	3	Mech Seal	21050314121	642
		Flanged	Std. Eff.	40-1800	3	Mech Seal	21050314131	747
HC-6x4-13	6" x 4"	Flanged	Std. Eff.	30-1800	3	Packing	20060413100	647
		Flanged	Std. Eff.	40-1800	3	Packing	20060413110	752
		Flanged	Std. Eff.	50-1800	3	Packing	20060413120	807
		Flanged	Std. Eff.	60-1800	3	Packing	20060413130	838
HC-6x4-13	6" x 4"	Flanged	Std. Eff.	30-1800	3	Mech Seal	21060413101	647
		Flanged	Std. Eff.	40-1800	3	Mech Seal	21060413111	752
		Flanged	Std. Eff.	50-1800	3	Mech Seal	21060413121	807
		Flanged	Std. Eff.	60-1800	3	Mech Seal	21060413131	838
HC-6x6-14	6" x 6"	Flanged	e-pact eff.	40-1800	3	Packing	20060414100	842
		Flanged	e-pact eff.	50-1800	3	Packing	20060414110	897
		Flanged	e-pact eff.	60-1800	3	Packing	20060414120	928
		Flanged	e-pact eff.	75-1800	3	Packing	20060414130	1005
HC-6x6-14	6" x 6"	Flanged	e-pact eff.	100-1800	3	Packing	20060414140	1247
		Flanged	e-pact eff.	40-1800	3	Mech Seal	21060414101	842
		Flanged	e-pact eff.	50-1800	3	Mech Seal	21060414111	897
		Flanged	e-pact eff.	60-1800	3	Mech Seal	21060414121	928
HC-6x6-14	6" x 6"	Flanged	e-pact eff.	75-1800	3	Mech Seal	20060414131	1005
		Flanged	e-pact eff.	100-1800	3	Mech Seal	21060414141	1247
		Flanged	e-pact eff.	75-1800	3	Packing	20080614100	1110
		Flanged	e-pact eff.	100-1800	3	Packing	20080614110	1352
HC-8x6-14	8" x 6"	Flanged	e-pact eff.	125-1800	3	Packing	20080614120	1492
		Flanged	e-pact eff.	150-1800	3	Packing	20080614130	2038
		Flanged	e-pact eff.	20-1200	3	Packing	30080614100	915
		Flanged	e-pact eff.	25-1200	3	Packing	30080614110	955
HC-8x6-14	8" x 6"	Flanged	e-pact eff.	30-1200	3	Packing	30080614120	985
		Flanged	e-pact eff.	40-1200	3	Packing	30060814130	1125
		Flanged	e-pact eff.	75-1800	3	Mech Seal	21080614101	1110
		Flanged	e-pact eff.	100-1800	3	Mech Seal	21080614111	1352
HC-8x6-14	8" x 6"	Flanged	e-pact eff.	125-1800	3	Mech Seal	21080614121	1492
		Flanged	e-pact eff.	150-1800	3	Mech Seal	21080614131	2038
		Flanged	e-pact eff.	20-1200	3	Mech Seal	31080614101	915
		Flanged	e-pact eff.	25-1200	3	Mech Seal	31080614111	955
HC-8x6-14	8" x 6"	Flanged	e-pact eff.	30-1200	3	Mech Seal	31080614121	985
		Flanged	e-pact eff.	40-1200	3	Mech Seal	31080614131	1125

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



HC Series

Standard Centrifugal Pumps- Close Coupled

Ordering Information Cont.

14" Nominal Impeller Diameter - (CC) Close Coupled w/Electric Motor								
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve								
Pump Model	Suction/Disch Size	Volute Design	Motor Eff.	HP-RPM	Phase	Shaft Sealing	Order Number	Weight (Lbs.)
HC-10x10-14	10" x 10"	Flanged	e-pact eff.	100-1800	3	Packing	20101014100	1597
		Flanged	e-pact eff.	125-1800	3	Packing	20101014110	1737
		Flanged	e-pact eff.	150-1800	3	Packing	20101014120	2298
		Flanged	e-pact eff.	200-1800	3	Packing	20101014130	2365
		Flanged	e-pact eff.	25-1200	3	Packing	30101014100	1330
		Flanged	e-pact eff.	40-1200	3	Packing	30101014110	1370
		Flanged	e-pact eff.	50-1200	3	Packing	30101014120	1410
		Flanged	e-pact eff.	60-1200	3	Packing	30101014130	1630
HC-10x10-14	10" x 10"	Flanged	e-pact eff.	100-1800	3	Mech Seal	21101014101	1597
		Flanged	e-pact eff.	125-1800	3	Mech Seal	21101014111	1737
		Flanged	e-pact eff.	150-1800	3	Mech Seal	21101014121	2298
		Flanged	e-pact eff.	200-1800	3	Mech Seal	21101014131	2365
		Flanged	e-pact eff.	25-1200	3	Mech Seal	31101014101	1330
		Flanged	e-pact eff.	40-1200	3	Mech Seal	31101014111	1370
		Flanged	e-pact eff.	50-1200	3	Mech Seal	31101014121	1410
		Flanged	e-pact eff.	60-1200	3	Mech Seal	31101014131	1630

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

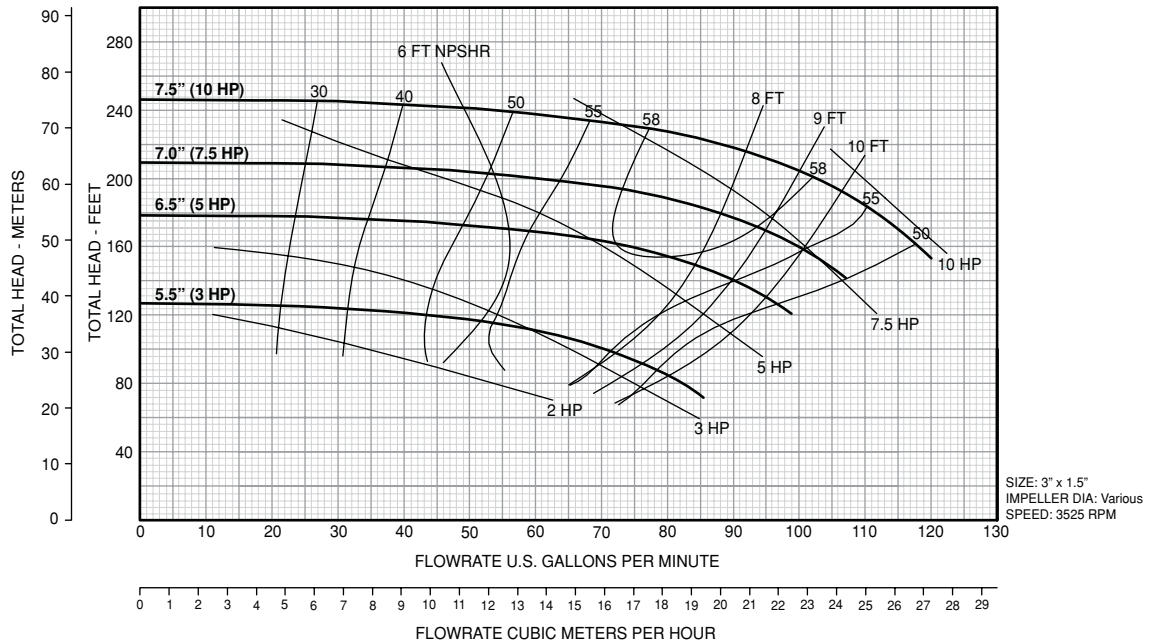
HC Series

Standard Centrifugal Pumps- Close Coupled

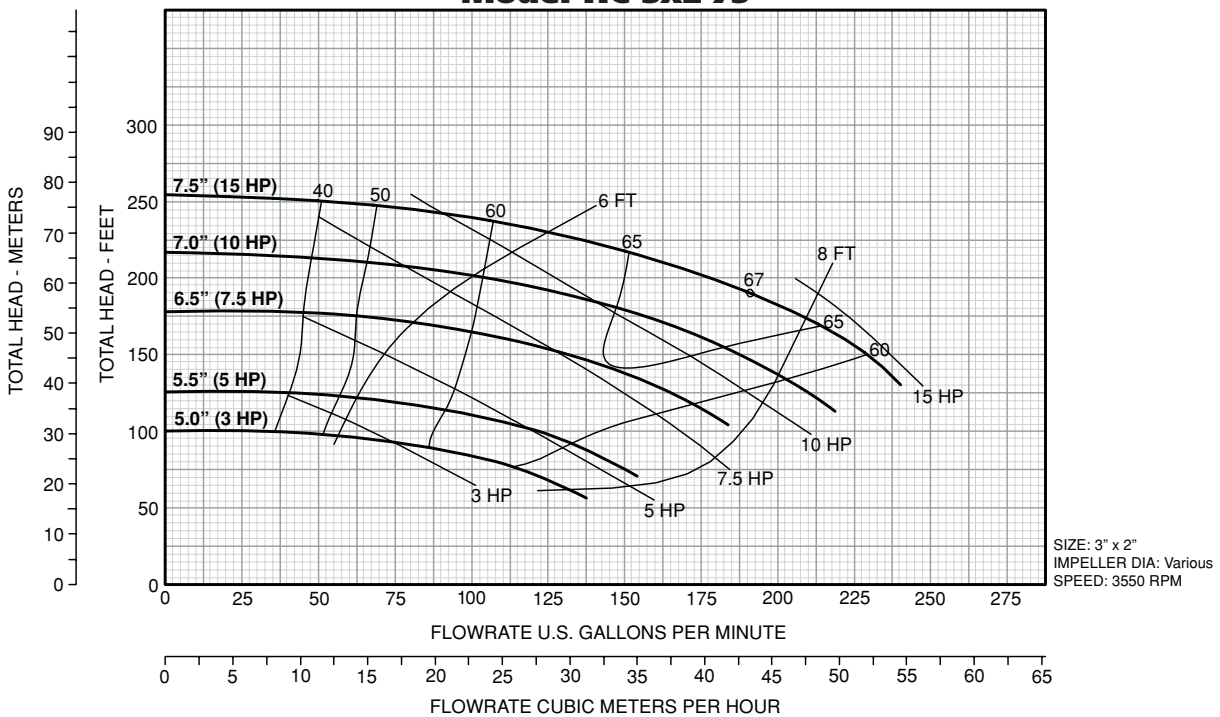
PAGE: CP-720

DATE: June 5, 2006

Model HC-3x15-75



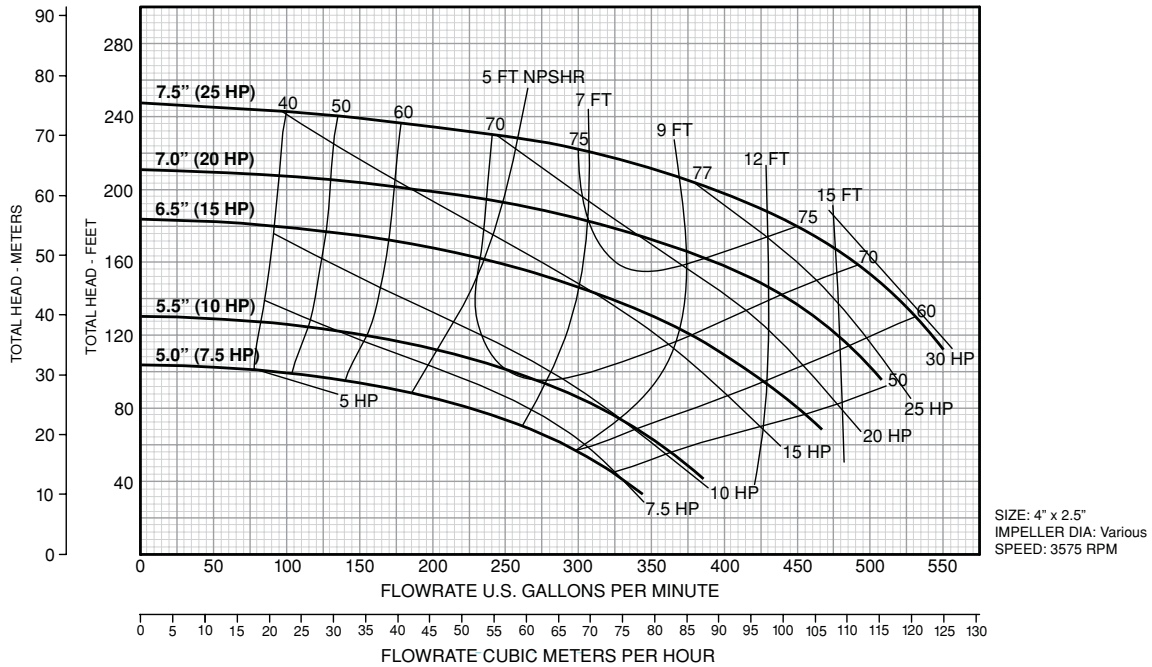
Model HC-3x2-75



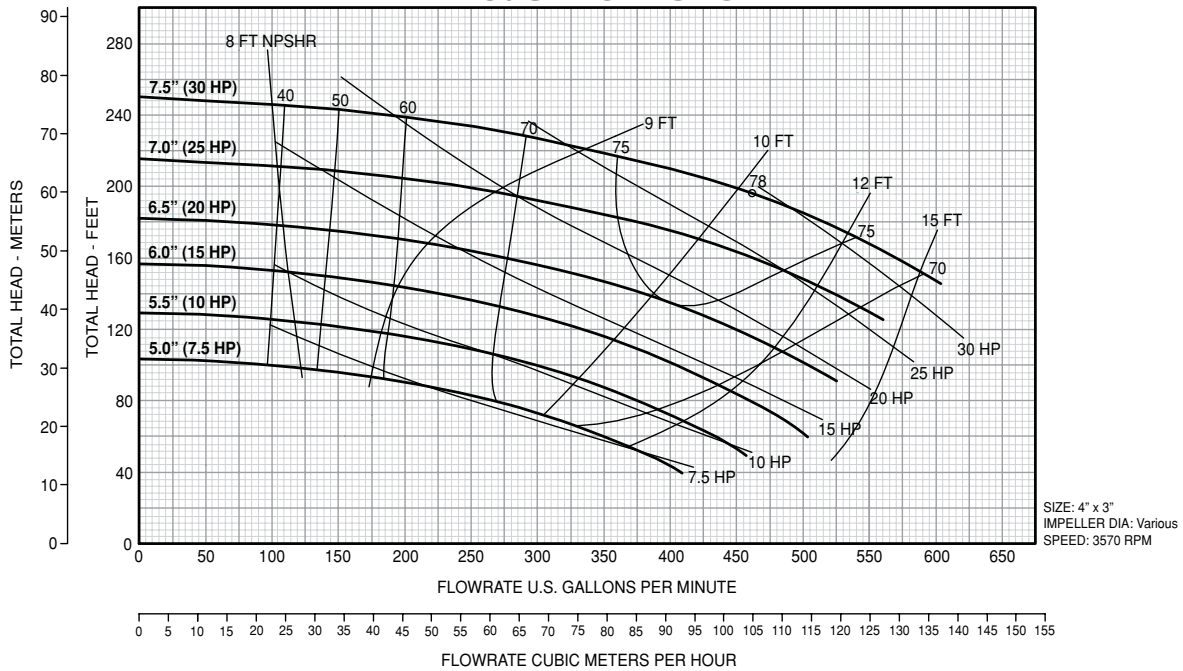
HC Series

Standard Centrifugal Pumps- Close Coupled

Model HC-4x25-75



Model HC-4x3-75



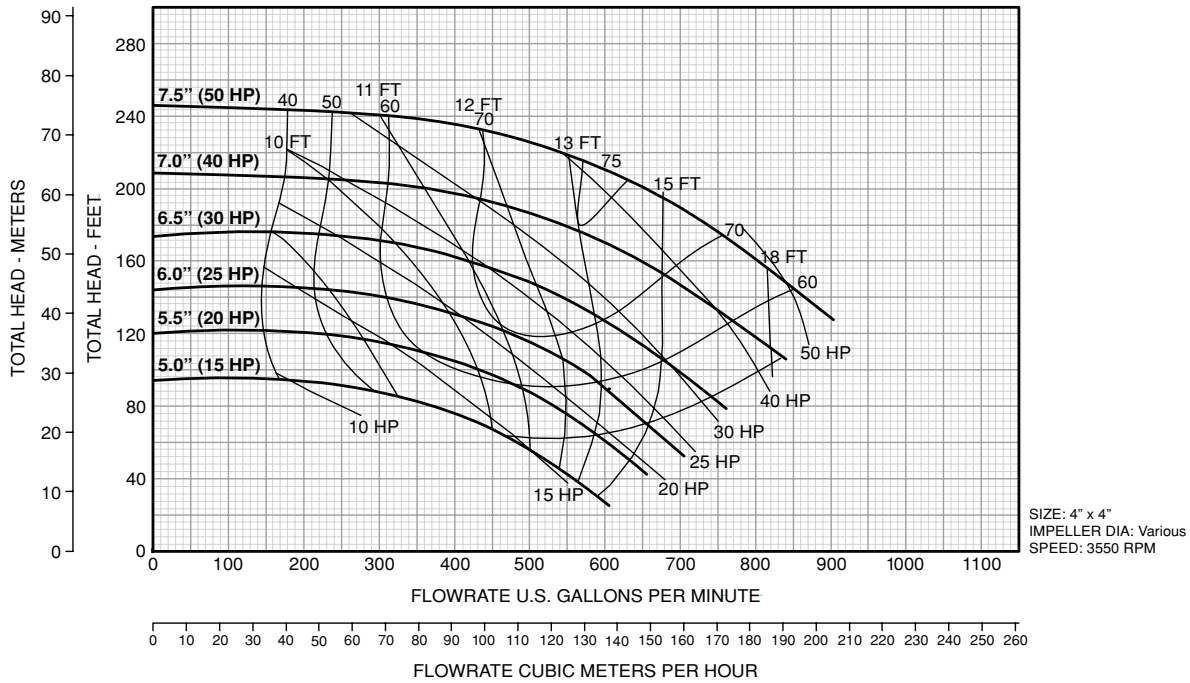
HC Series

Standard Centrifugal Pumps- Close Coupled

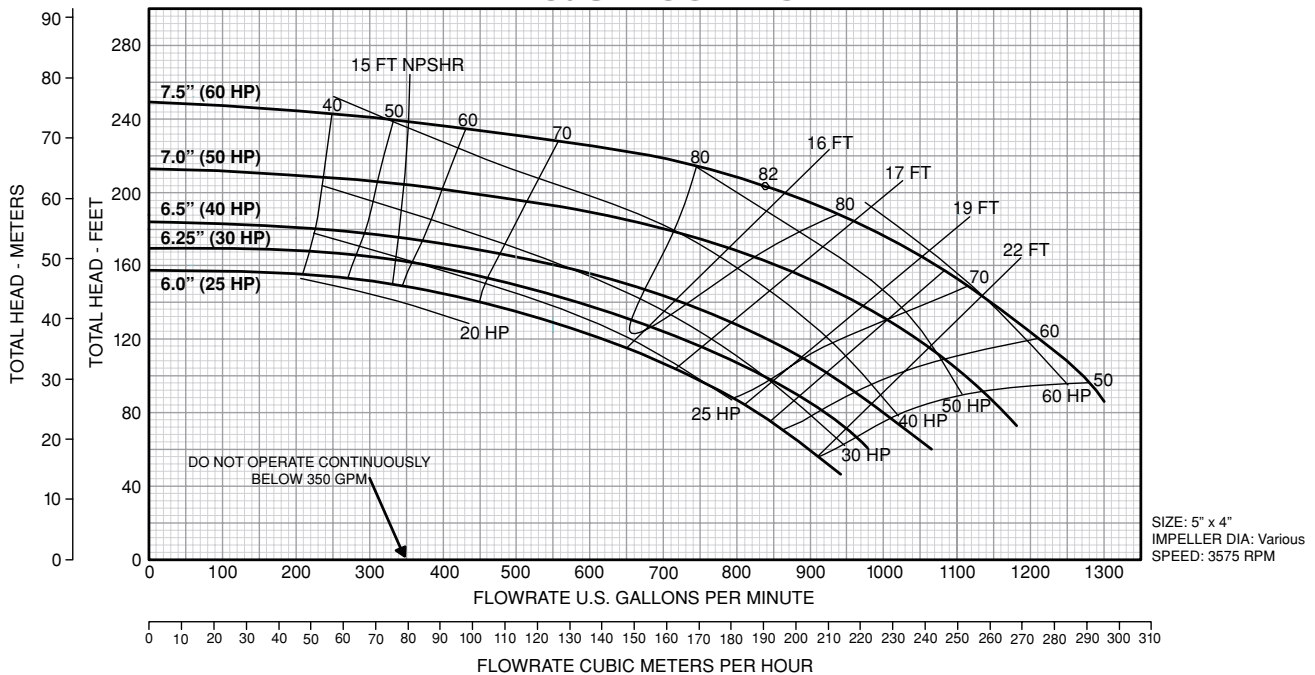
PAGE: CP-725

DATE: June 5, 2006

Model HC-4x4-75

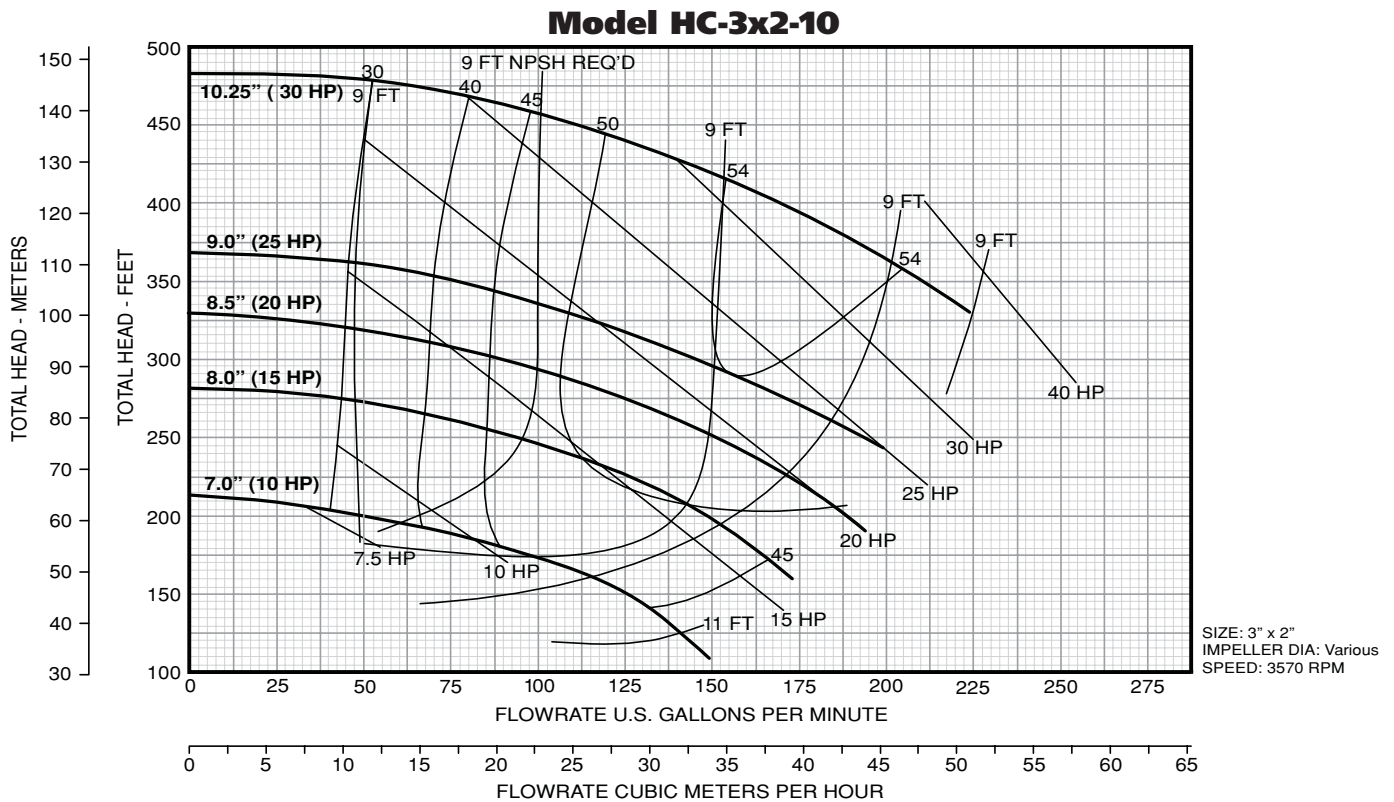


Model HC-5x4-75



HC Series

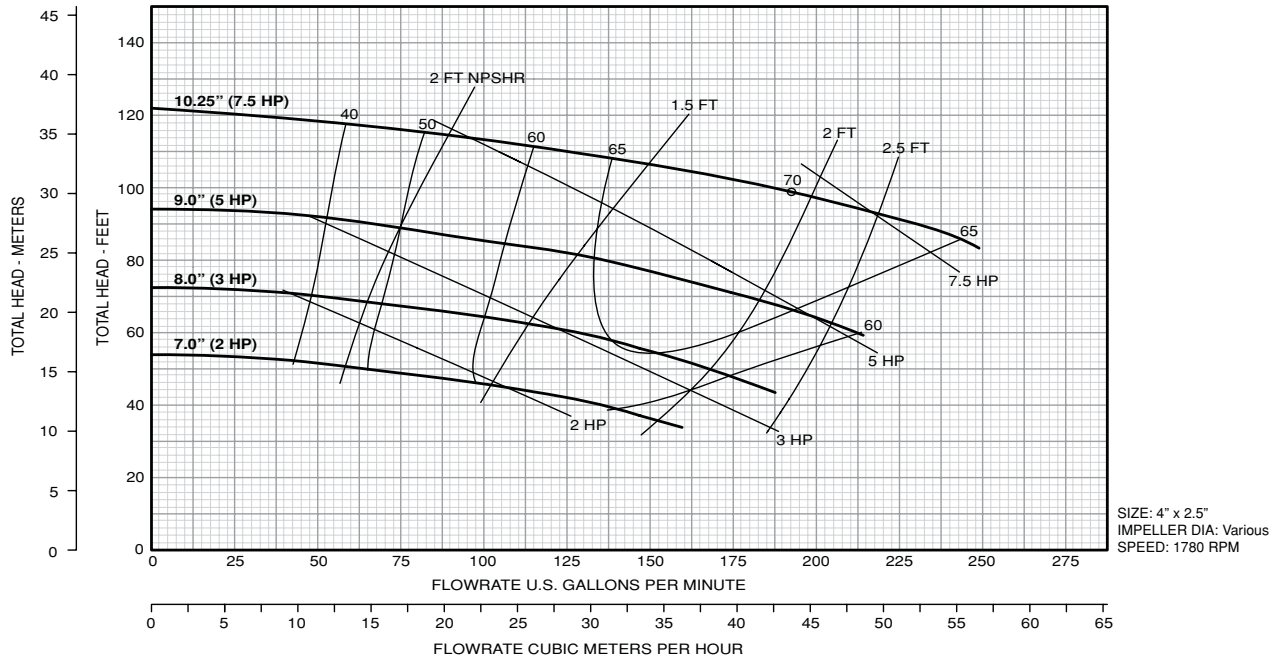
Standard Centrifugal Pumps- Close Coupled



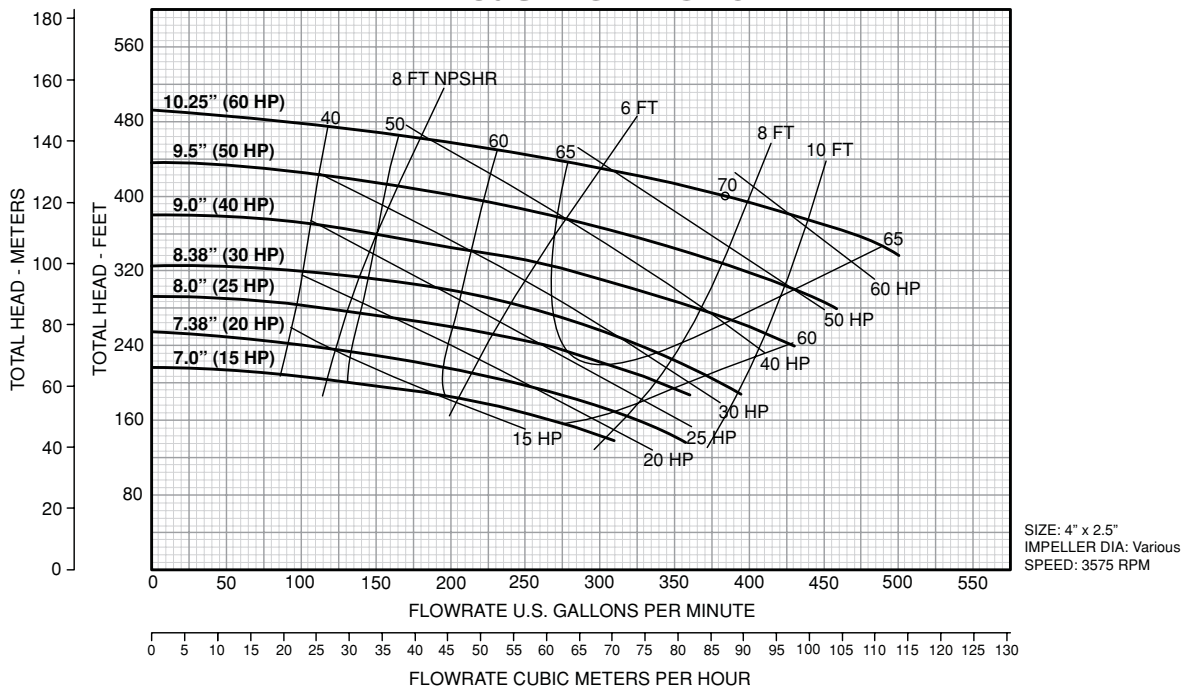
HC Series Standard Centrifugal Pumps- Close Coupled

PAGE: CP-730
DATE: June 5, 2006

Model HC-4x25-10



Model HC-4x25-10

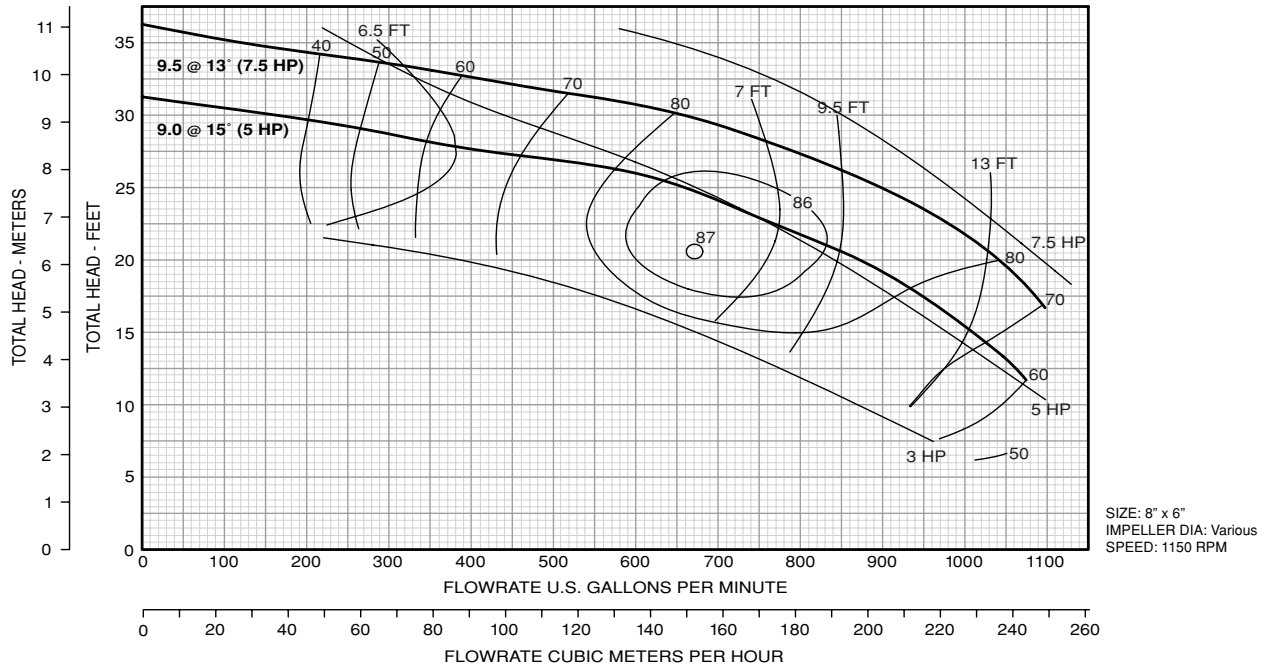


HC Series Standard Centrifugal Pumps- Close Coupled

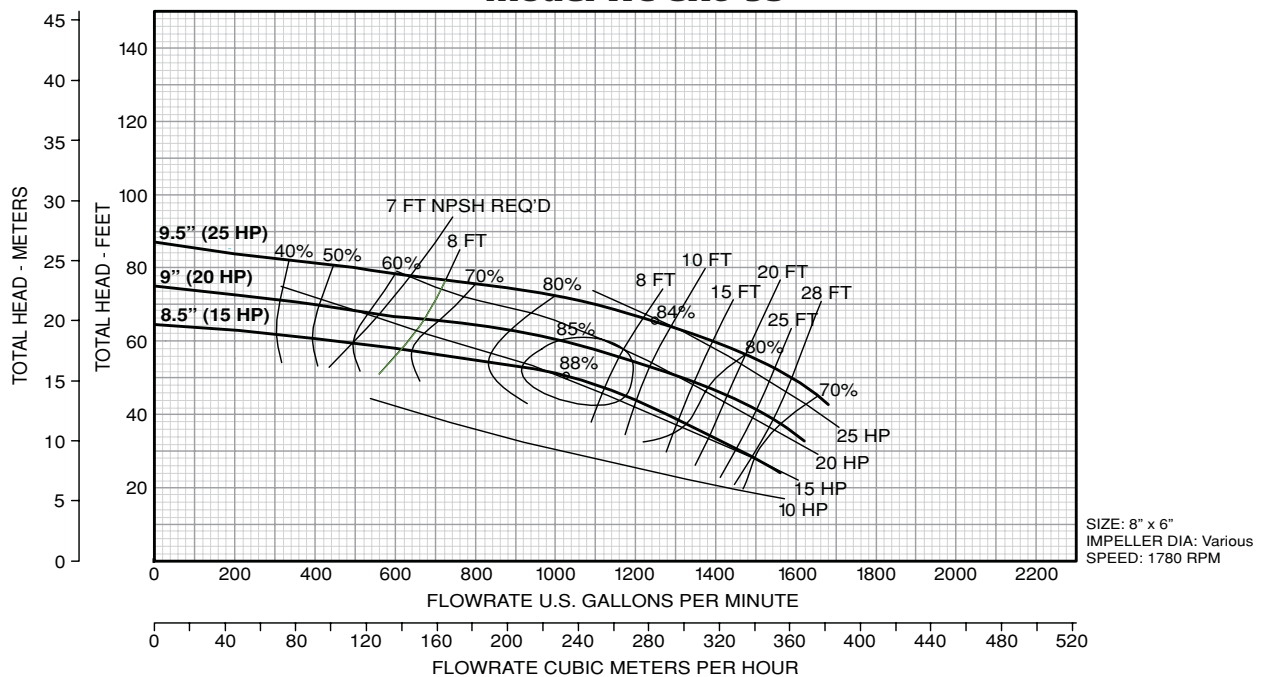
PAGE: CP-735

DATE: June 5, 2006

Model HC-8x6-95



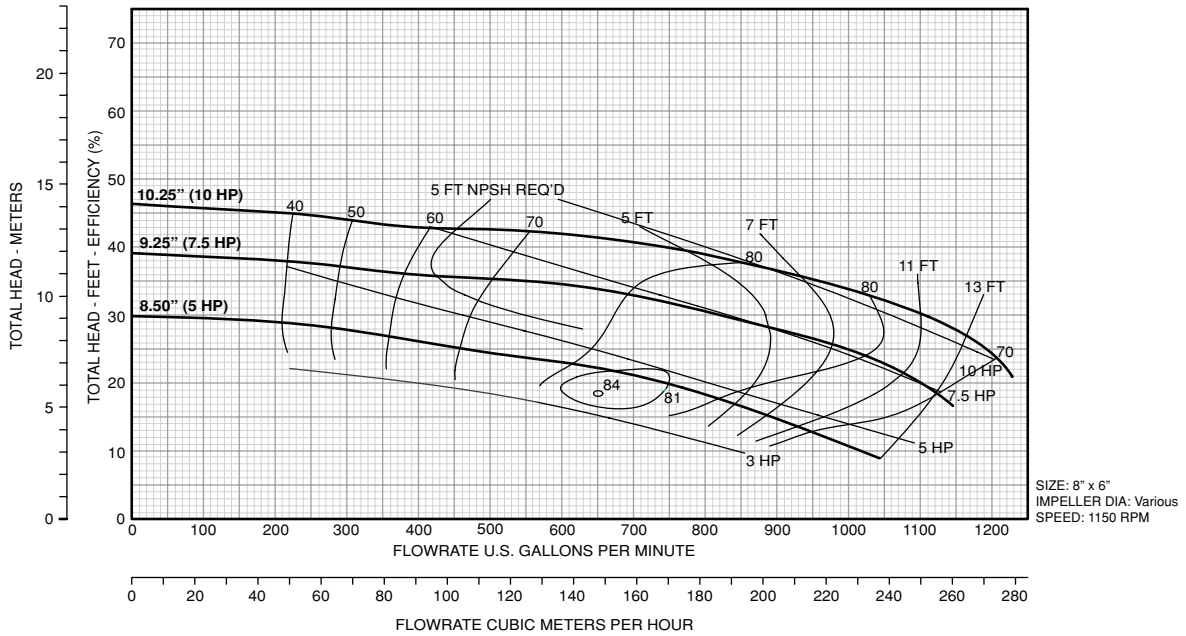
Model HC-8x6-95



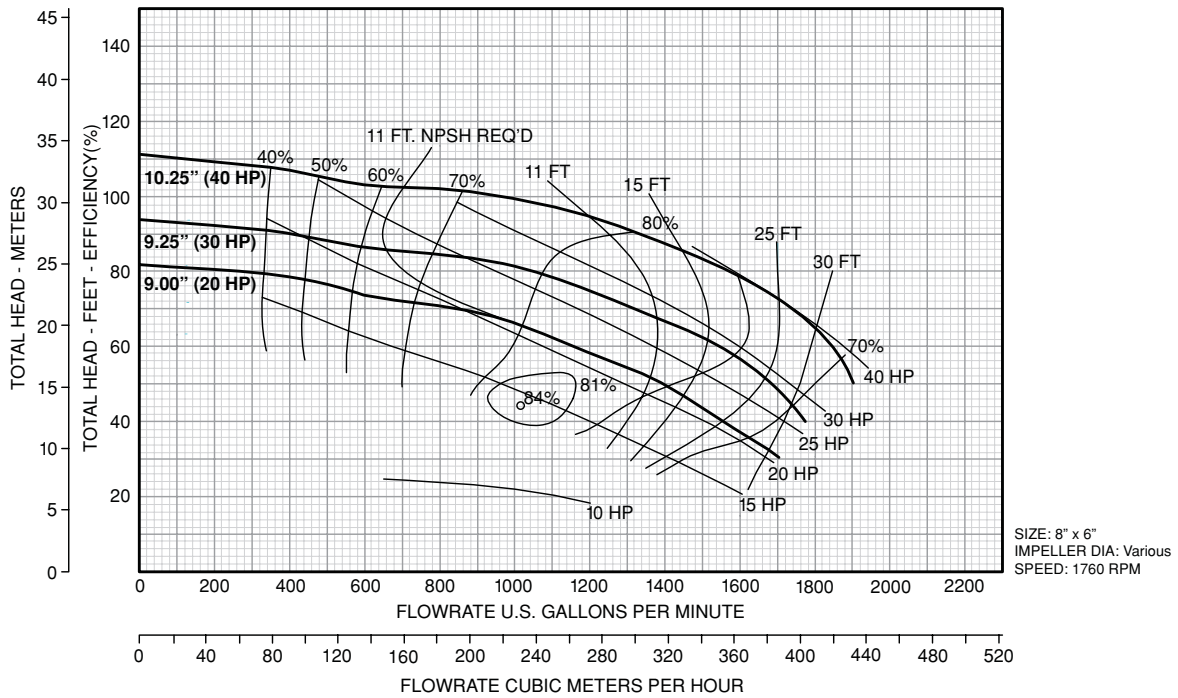
HC Series

Standard Centrifugal Pumps- Close Coupled

Model HC-8x6-10



Model HC-8x6-10



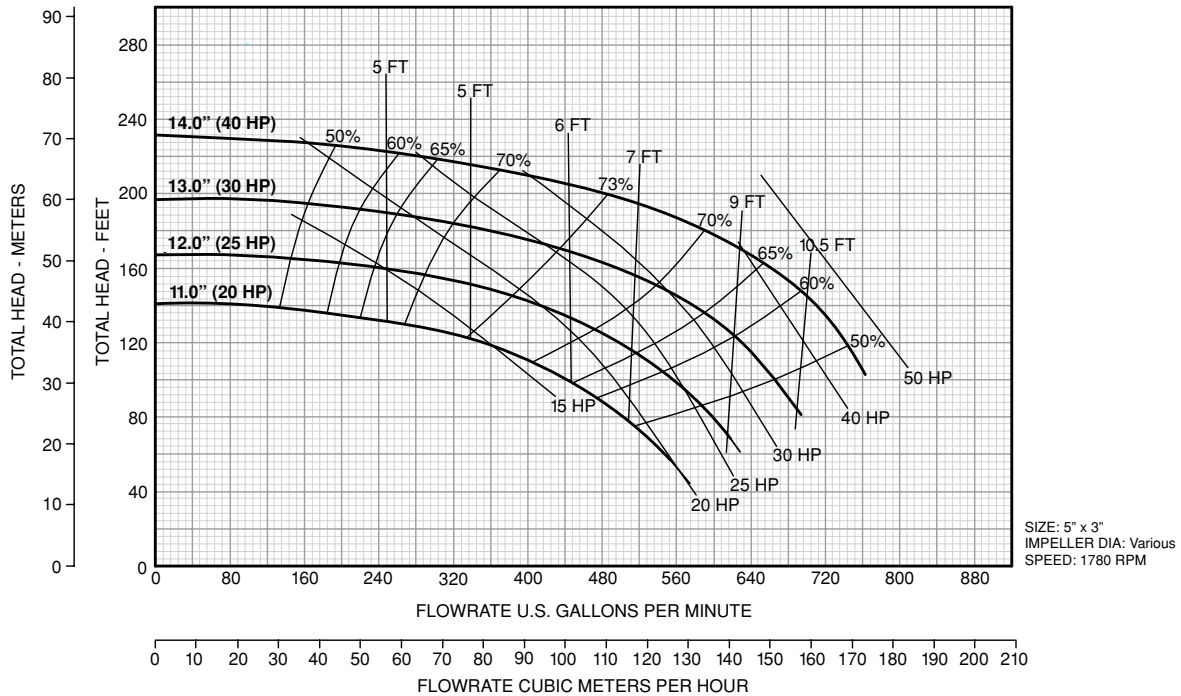
HC Series

Standard Centrifugal Pumps- Close Coupled

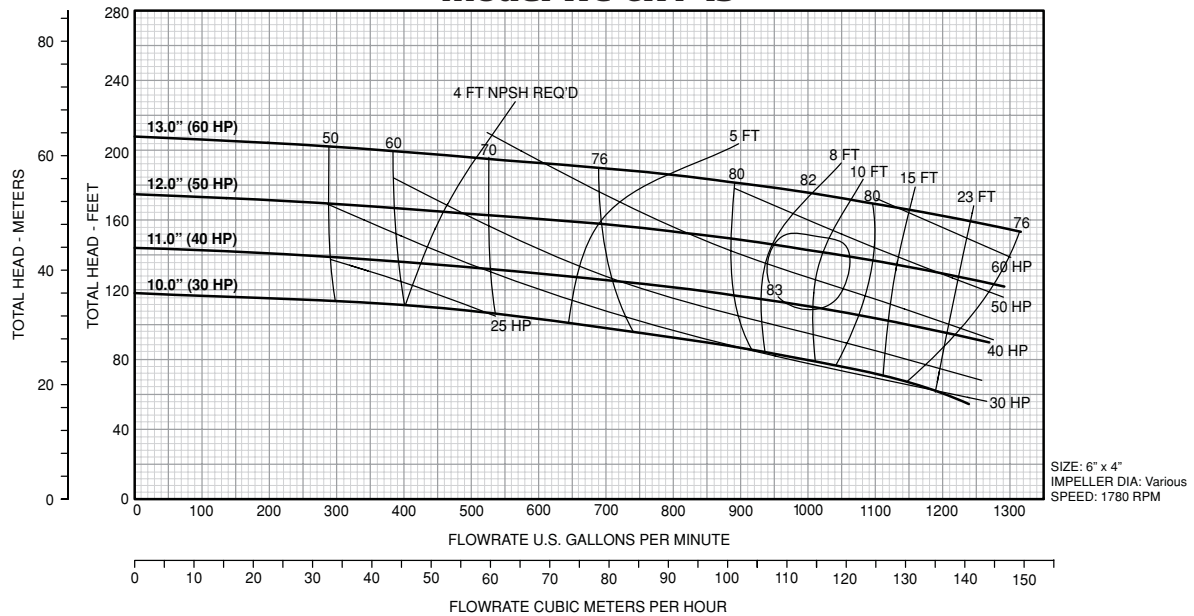
PAGE: CP-740

DATE: June 5, 2006

Model HC-5x3-14

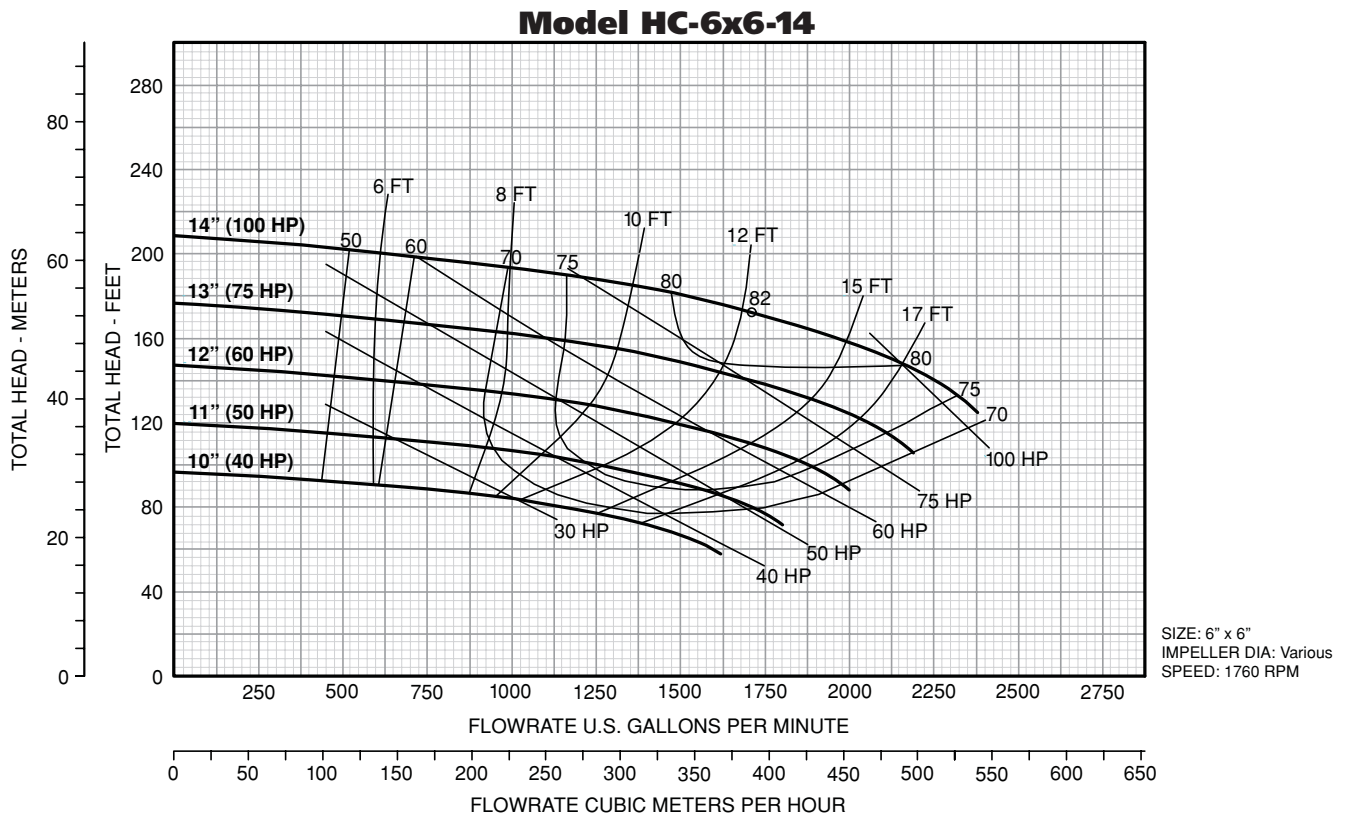


Model HC-6x4-13



HC Series

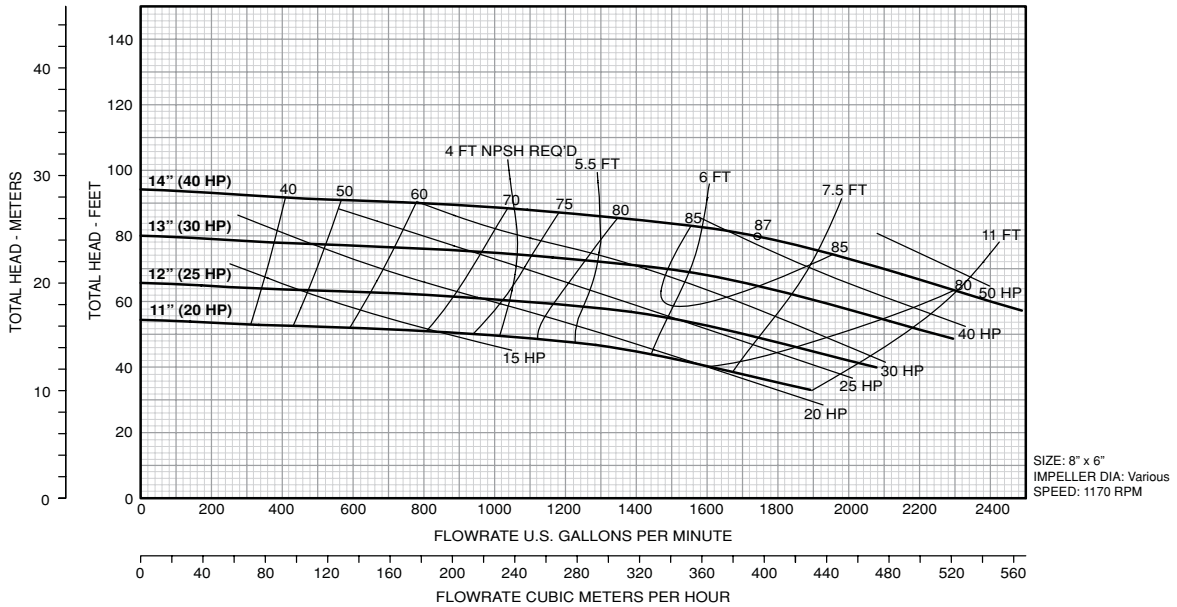
Standard Centrifugal Pumps- Close Coupled



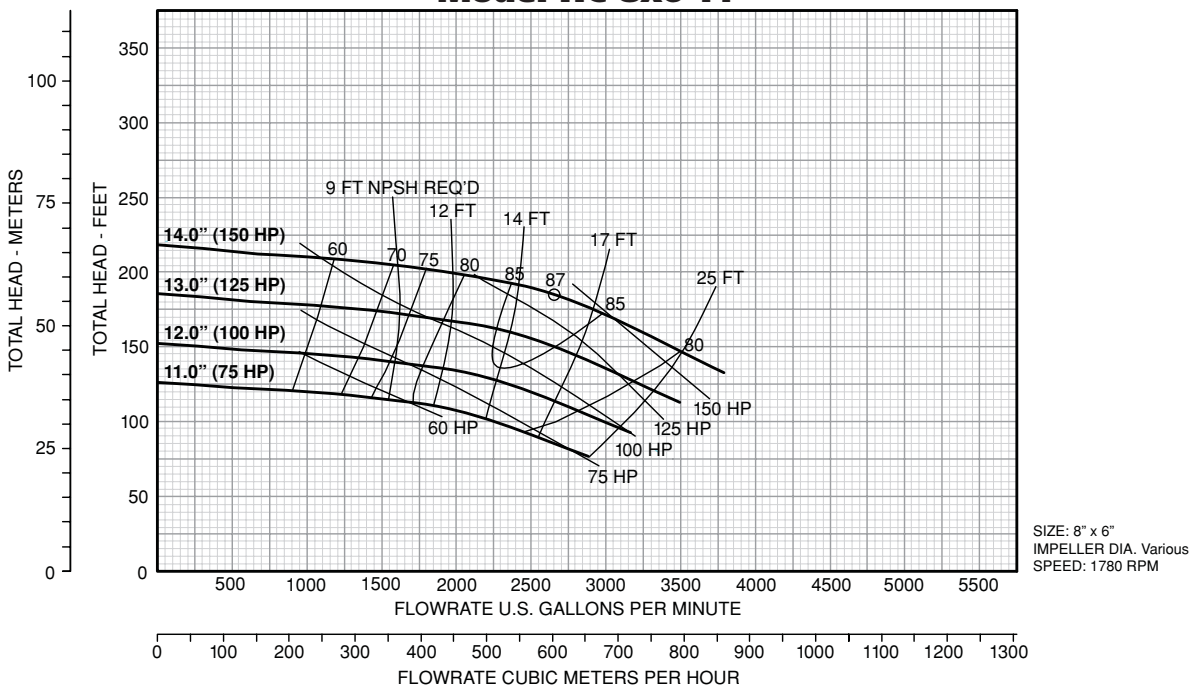
HC Series Standard Centrifugal Pumps- Close Coupled

PAGE: CP-745
DATE: June 5, 2006

Model HC-8x6-14



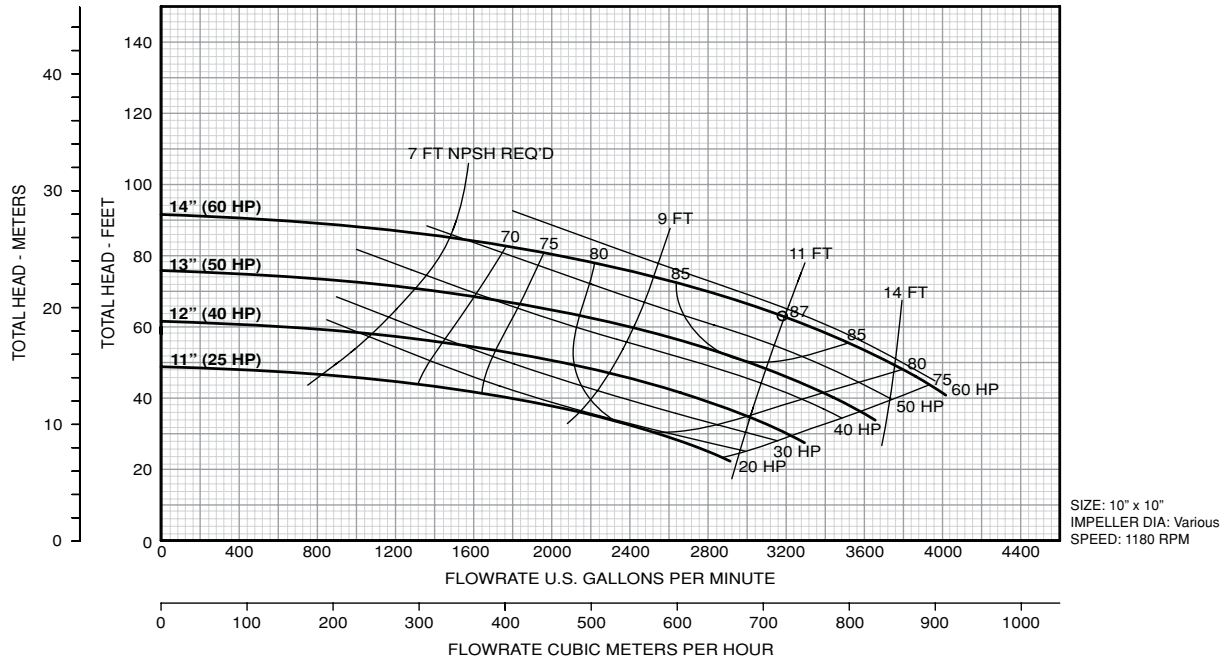
Model HC-8x6-14



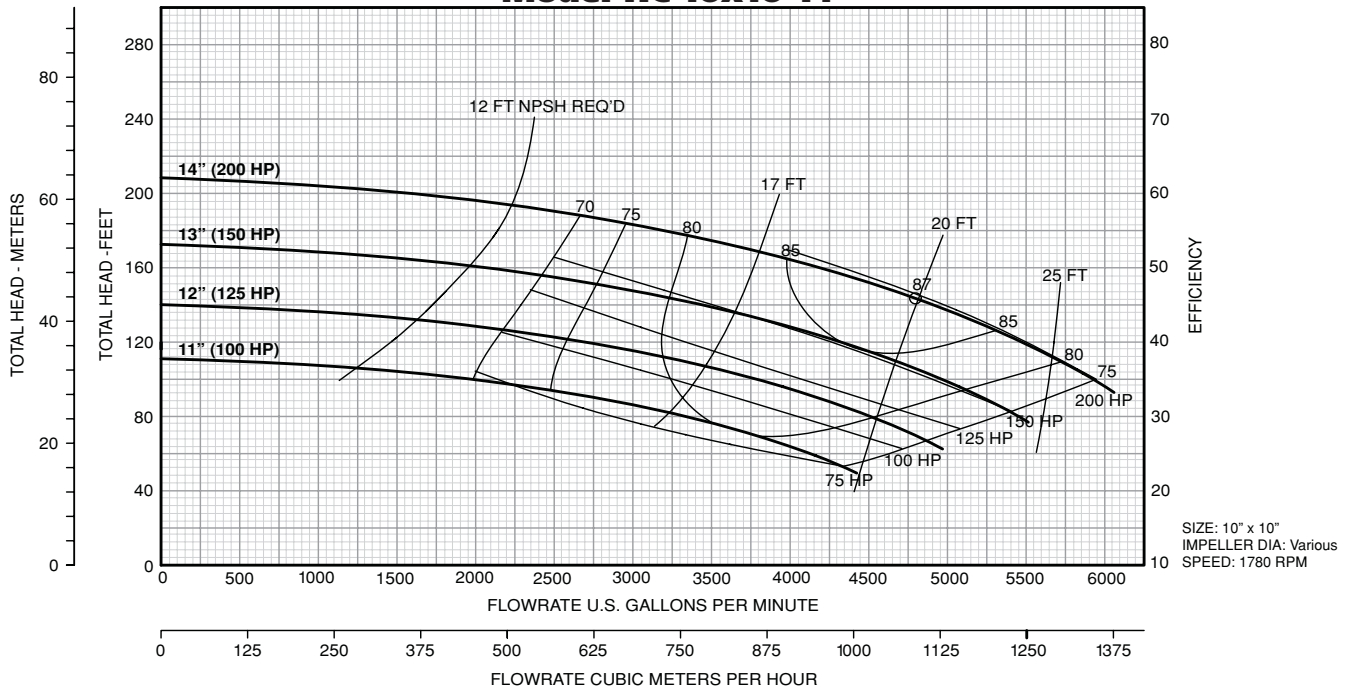
HC Series

Standard Centrifugal Pumps- Close Coupled

Model HC-10x10-14



Model HC-10x10-14

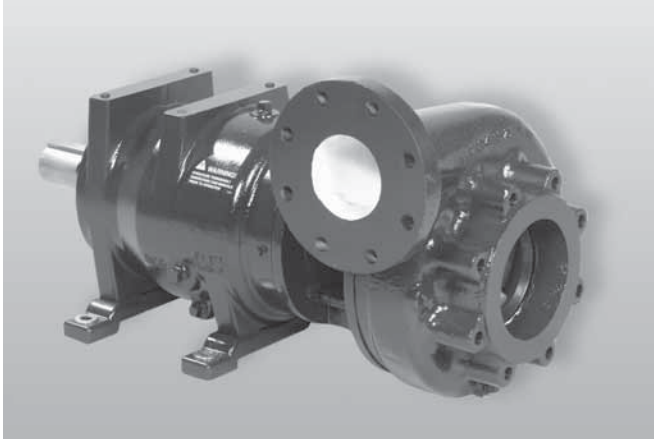


HC Series

Standard Centrifugal Pumps- Bearing Frame

PAGE: CP-755

DATE: June 5, 2006



Features:

- 1-1/2" - 10" discharge sizes
- Capacities to 7000 GPM, 480' TDH
- Horsepower: Up to 200 HP
- Standard ductile iron construction with bronze wear ring and sleeve
- Replaceable wear rings
- Superior NPSH characteristics
- 150# rated flat faced flanges
- Heavy wall construction
- Grade 5 capscrews
- HC75 & HC10 Series- Enclosed impellers, internally hydraulically balanced
- Double volute on HC10x10-14, for balanced radial forces, HC14 Series- External balance line standard
- Standard with graphite packing or single mechanical seal

Model Number Explanation

Example: HC31575-BFP

HC = Horizontal Centrifugal
3 = Suction Size
15 = Discharge Size
75 = Nominal Impeller Dia.
BF = Bearing Frame
P = Shaft Sealing:
P=Packing
M=Mechanical Seal

HC Series

Standard Centrifugal Pumps- Bearing Frame

Ordering Information

7.5" Nominal Impeller Diameter - (BF) Bearing Frame w/Electric Motor					
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve					
Pump Model	Suction/Disch Size	Rotation	Shaft Sealing	Order Number	Weight (Lbs.)
HC-3X15-75-BF-P	3" x 1.5"	CW	Packing	14031575100	245
HC-3X15-75-BF-M	3" x 1.5"	CW	Mech Seal	15031575101	245
HC-3X2-75-BF-P	3" x 2"	CW	Packing	14030275100	245
HC-3X2-75-BF-M	3" x 2"	CW	Mech Seal	15030275101	245
HC-4X25-75-BF-P	4" x 2.5"	CW	Packing	14042575100	255
HC-4X25-75-BF-M	4" x 2.5"	CW	Mech Seal	15042575101	255
HC-4X3-75-BF-P	4" x 3"	CW	Packing	14040375100	265
HC-4X3-75-BF-M	4" x 3"	CW	Mech Seal	15040375101	265
HC-4X4-75-BF-P	4" x 4"	CW	Packing	14040475100	265
HC-4X4-75-BF-M	4" x 4"	CW	Mech Seal	15040475101	265
HC-5X4-75-BF-P	5" x 4"	CW	Packing	14050475100	285
HC-5X4-75-BF-M	5" x 4"	CW	Mech Seal	15050475101	285

10" Nominal Impeller Diameter - (BF) Bearing Frame w/Electric Motor					
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve					
Pump Model	Suction/Disch Size	Rotation	Shaft Sealing	Order Number	Weight (Lbs.)
HC-3X2-10-BF-P	3" x 2"	CW	Packing	14030210100	395
HC-3X2-10-BF-M	3" x 2"	CW	Mech Seal	15030210101	395
HC-4X25-10-BF-P	4" x 2.5"	CW	Packing	14042510100	405
HC-4X25-10-BF-M	4" x 2.5"	CW	Mech Seal	15042510101	405
HC-4X3-10-BF-P	4" x 3"	CW	Packing	14040310100	405
HC-4X3-10-BF-M	4" x 3"	CW	Mech Seal	15040310101	405
HC-6X4-10-BF-P	6" x 4"	CW	Packing	14060410100	465
HC-6X4-10-BF-M	6" x 4"	CW	Mech Seal	15060410101	465
HC-8X6-95-BF-P	8" x 6"	CW	Packing	14080695100	595
HC-8X6-95-BF-M	8" x 6"	CW	Mech Seal	15080695101	595
HC-8X6-10-BF-P	8" x 6"	CW	Packing	14080610100	600
HC-8X6-10-BF-M	8" x 6"	CW	Mech Seal	15080610101	600

14" Nominal Impeller Diameter - (BF) Bearing Frame w/Electric Motor					
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve					
Pump Model	Suction/Disch Size	Rotation	Shaft Sealing	Order Number	Weight (Lbs.)
HC-5X3-14-BF-P	5" x 3"	CW	Packing	14050314100	590
HC-5X3-14-BF-M	5" x 3"	CW	Mech Seal	15050314101	590
HC-6X4-13-BF-P	6" x 4"	CW	Packing	14060413100	595
HC-6X4-13-BF-M	6" x 4"	CW	Mech Seal	15060413101	595
HC-6X6-14-BF-P	6" x 6"	CW	Packing	14060614100	700
HC-6X6-14-BF-M	6" x 6"	CW	Mech Seal	15060614101	700
HC-8X6-14-BF-P	8" x 6"	CW	Packing	14080614100	805
HC-8X6-14-BF-M	8" x 6"	CW	Mech Seal	15080614101	805
HC-10X10-14-BF-P	10" x 10"	CW	Packing	14101014500	1070
HC-10X10-14-BF-M	10" x 10"	CW	Mech Seal	15101014501	1070

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.

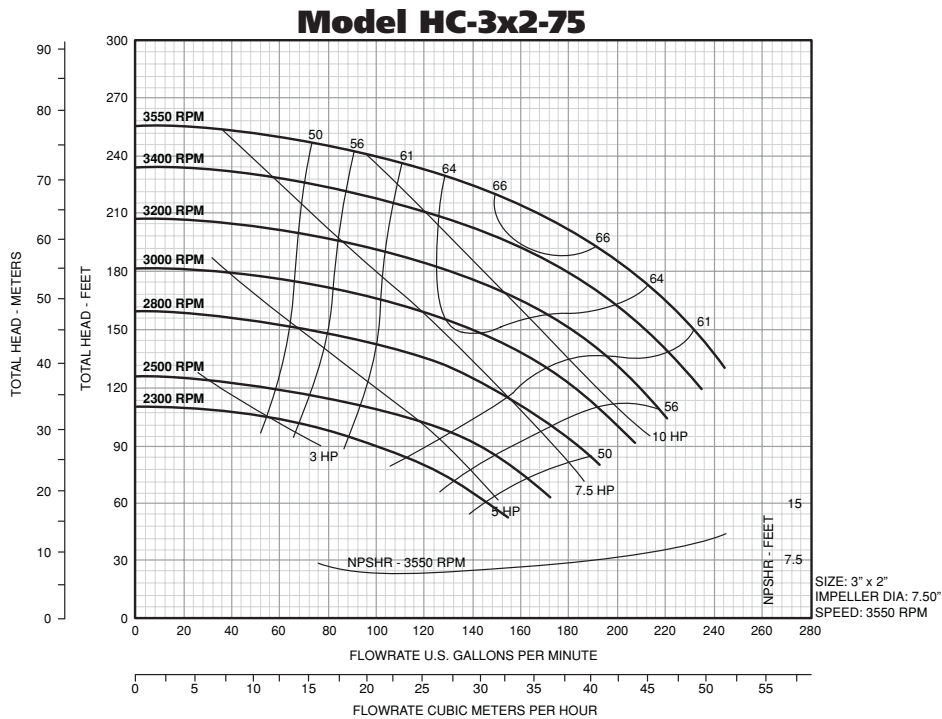
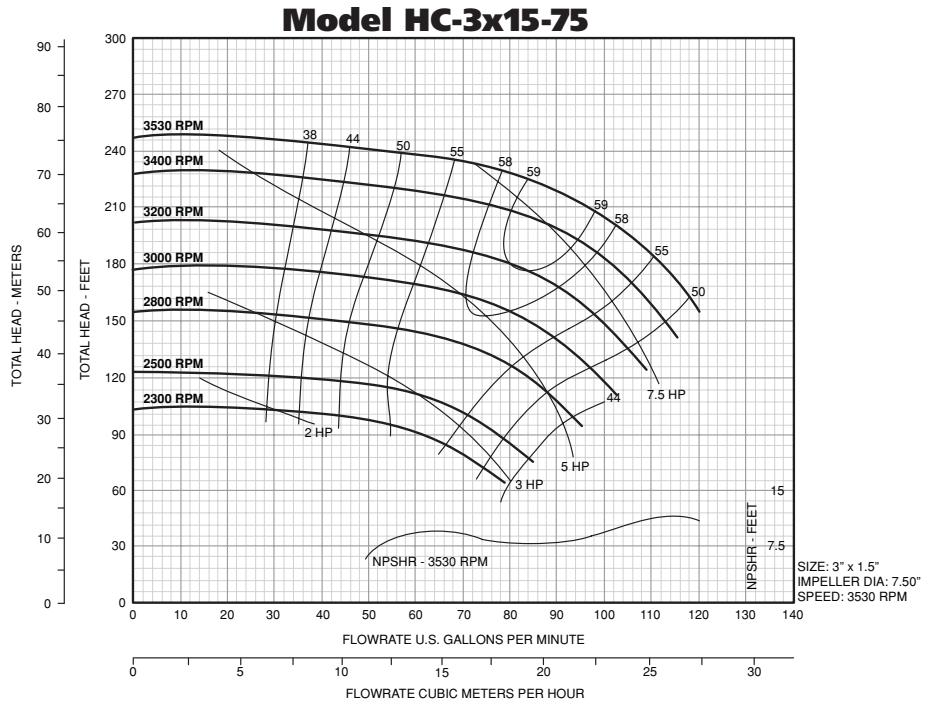


Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

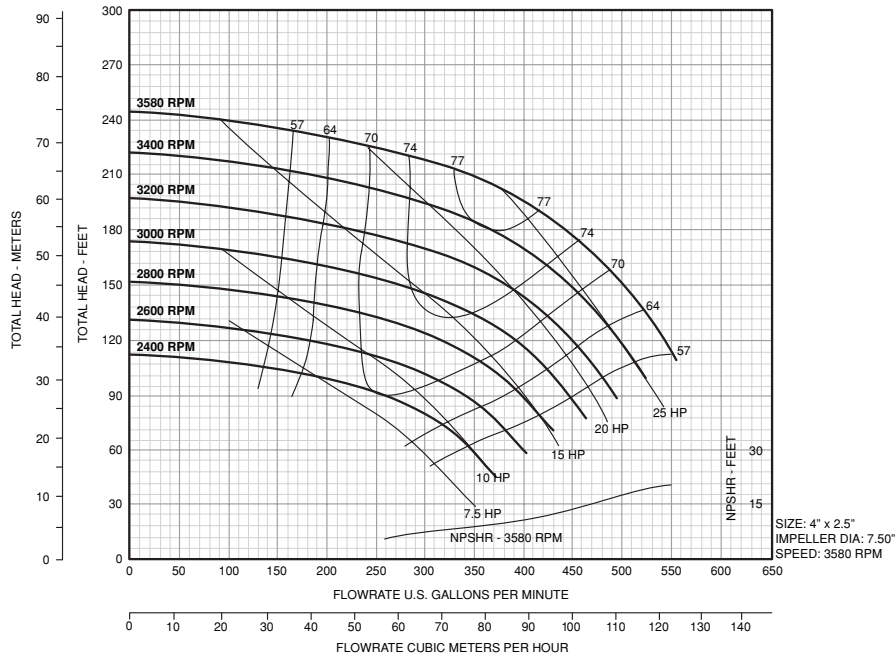
HC Series Standard Centrifugal Pumps-Bearing Frame

PAGE: CP-760
DATE: June 5, 2006

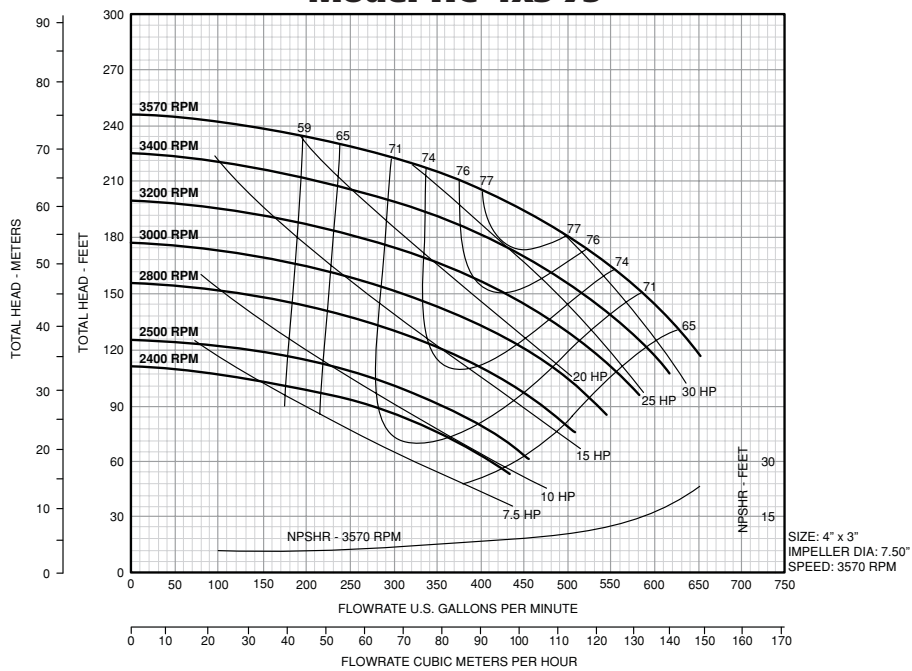


HC Series Standard Centrifugal Pumps-Bearing Frame

Model HC-4x25-75



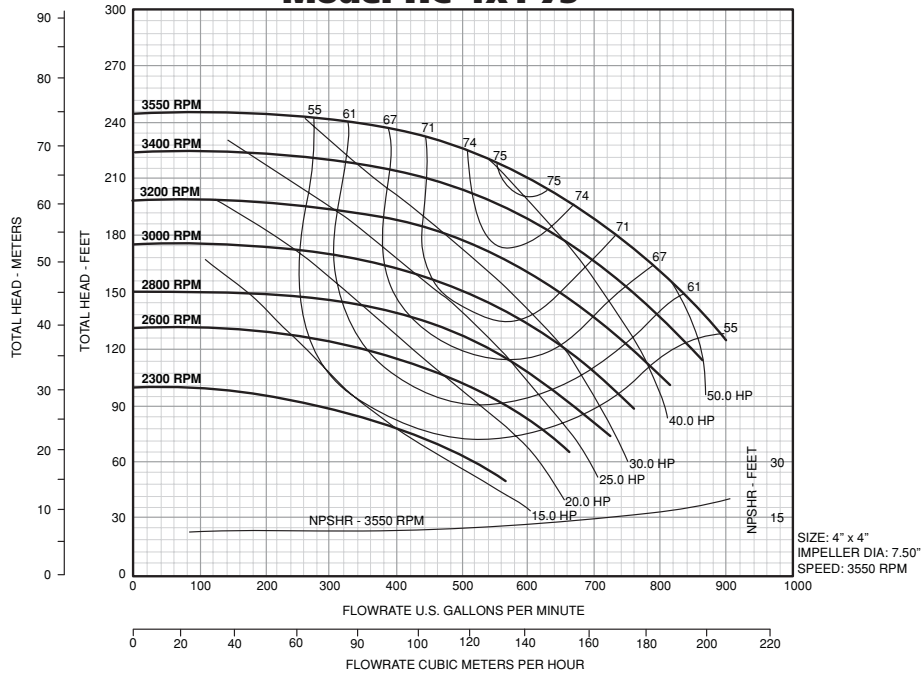
Model HC-4x3-75



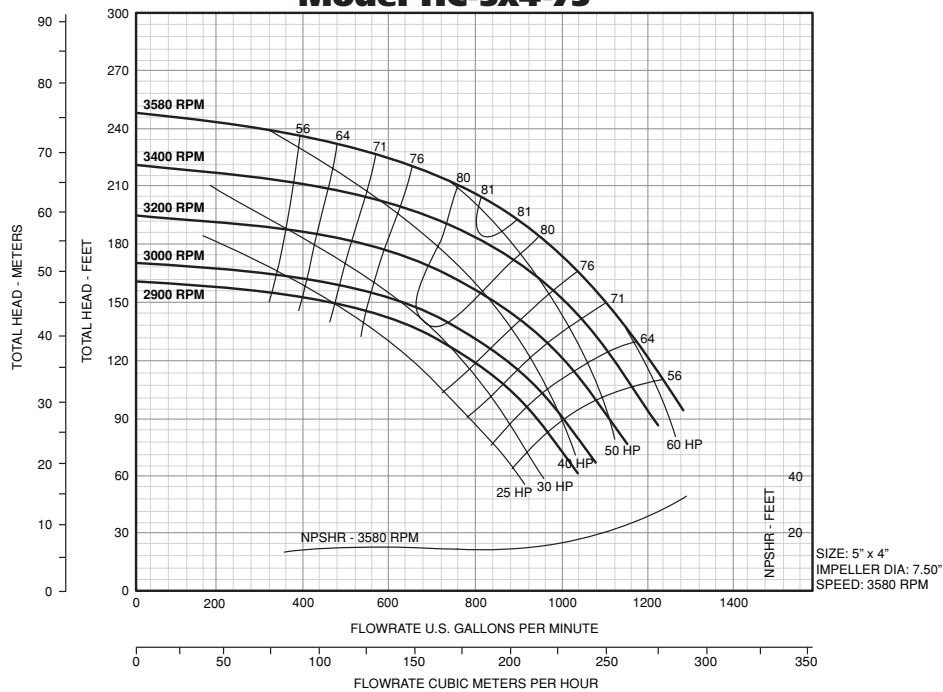
HC Series Standard Centrifugal Pumps-Bearing Frame

PAGE: CP-765
DATE: June 5, 2006

Model HC-4x4-75



Model HC-5x4-75



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

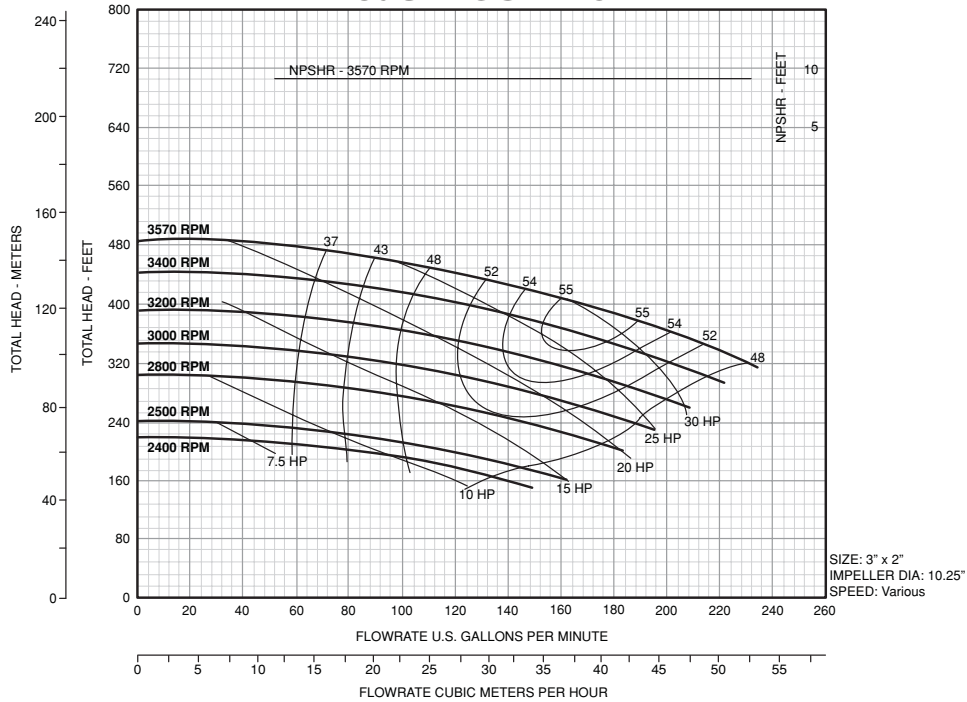
Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

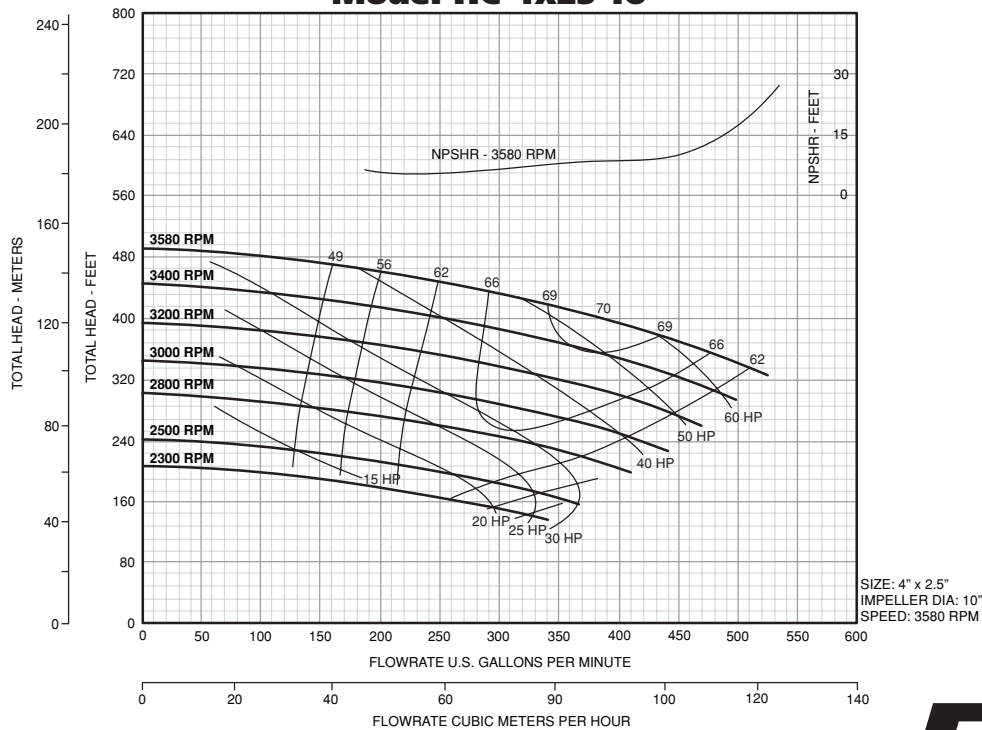
HC Series Standard Centrifugal Pumps-Bearing Frame

PAGE: CP-766
DATE: June 5, 2006

Model HC-3x2-10

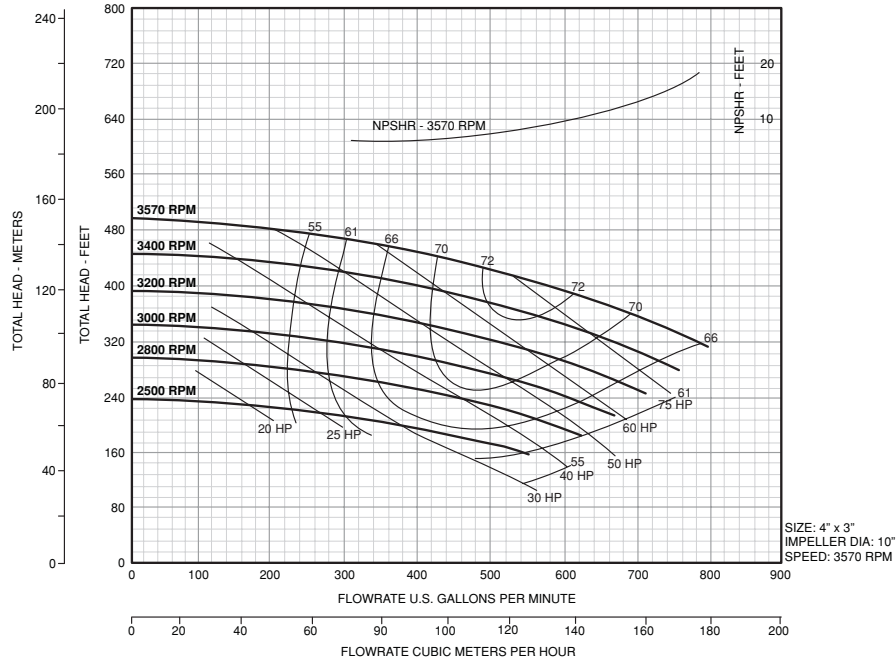


Model HC-4x25-10

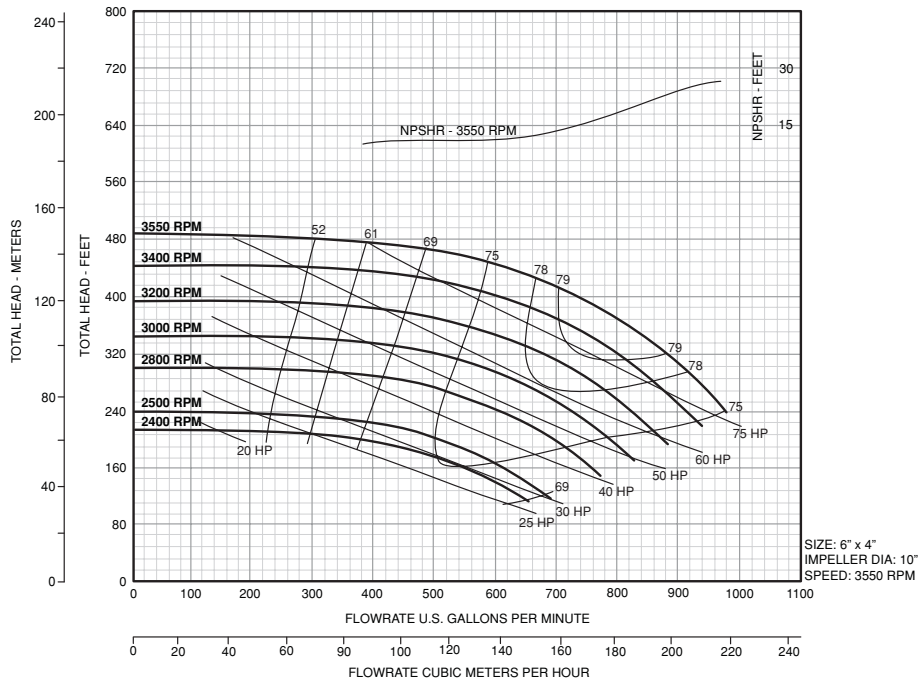


HC Series Standard Centrifugal Pumps-Bearing Frame

Model HC-4x3-10



Model HC-6x4-10



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

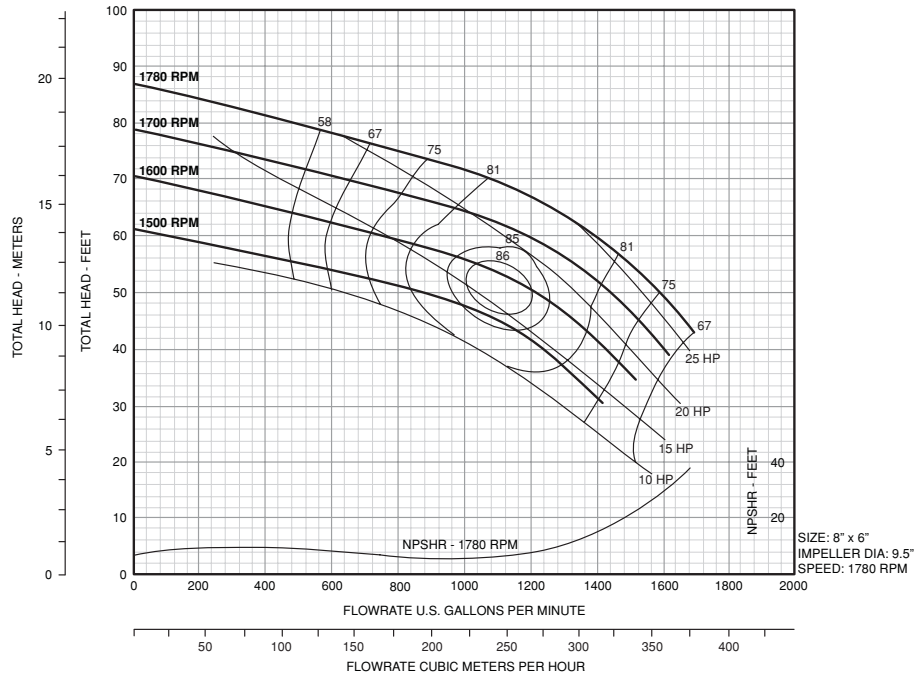
Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

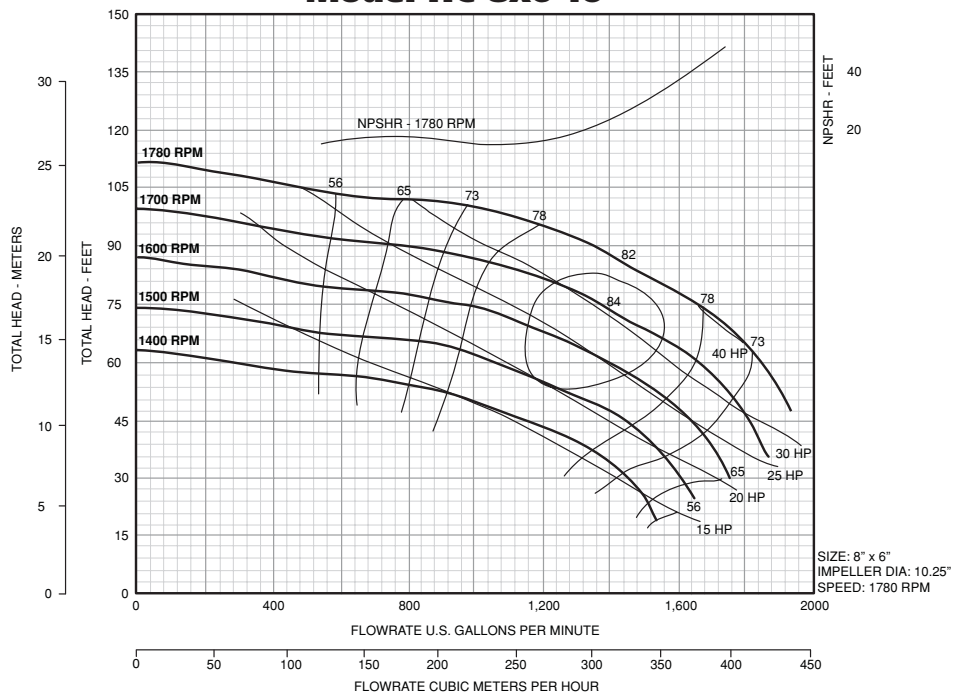
HC Series Standard Centrifugal Pumps-Bearing Frame

PAGE: CP-770
DATE: June 5, 2006

Model HC-8x6-95



Model HC-8x6-10



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

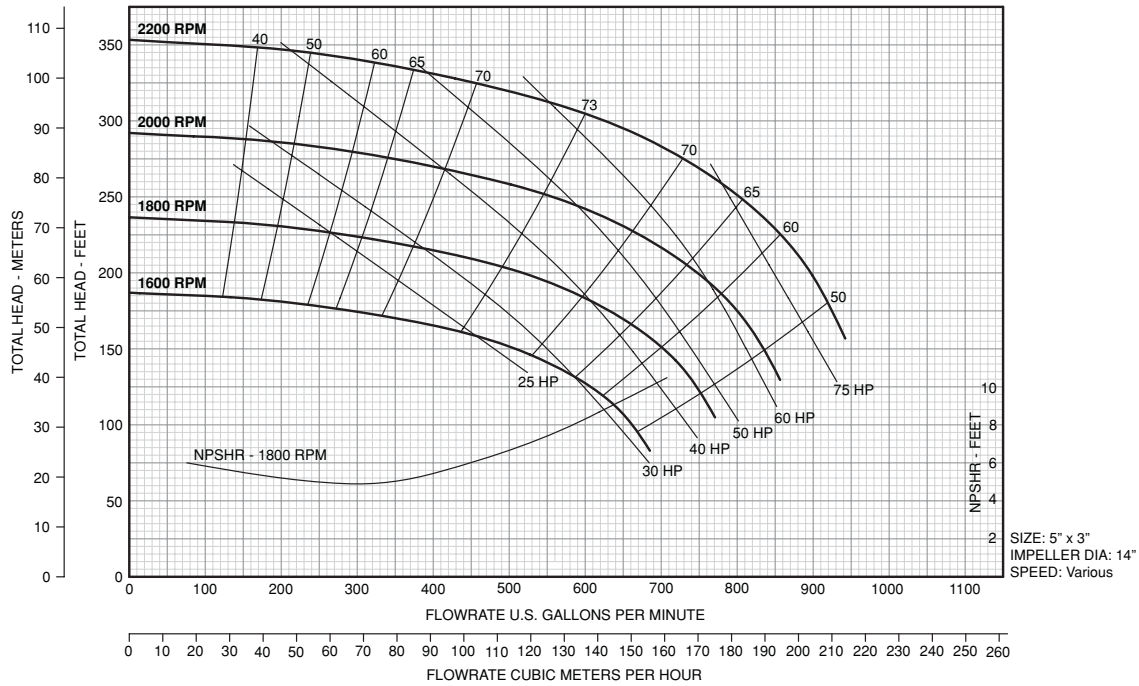
www.franklinpumps.com

HC Series Standard Centrifugal Pumps-Bearing Frame

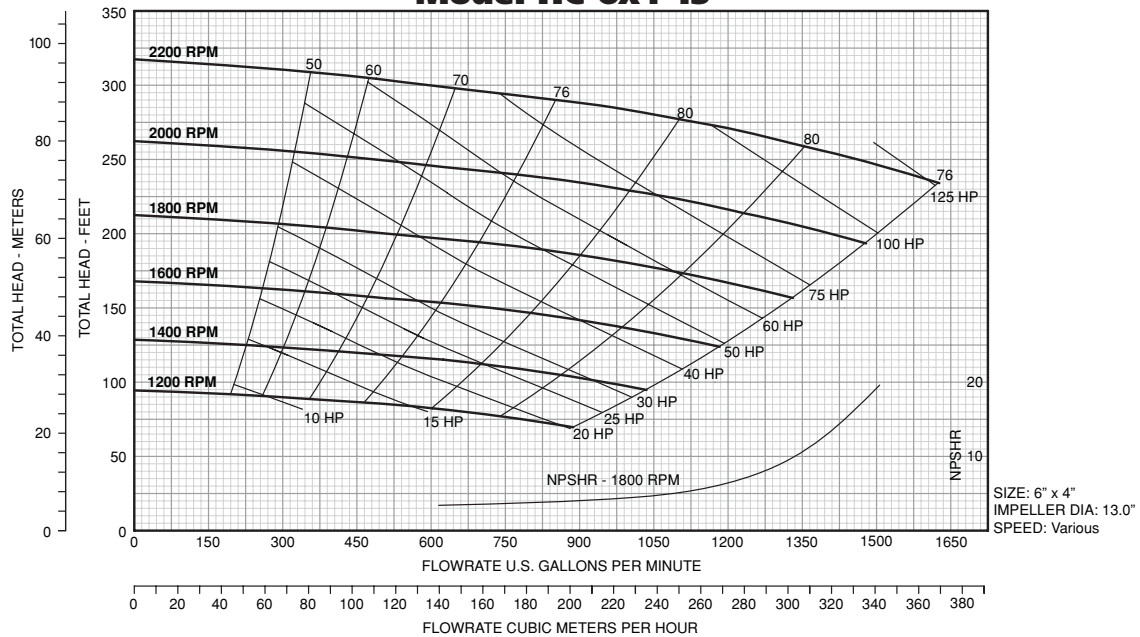
PAGE: CP-771

DATE: June 5, 2006

Model HC-5x3-14

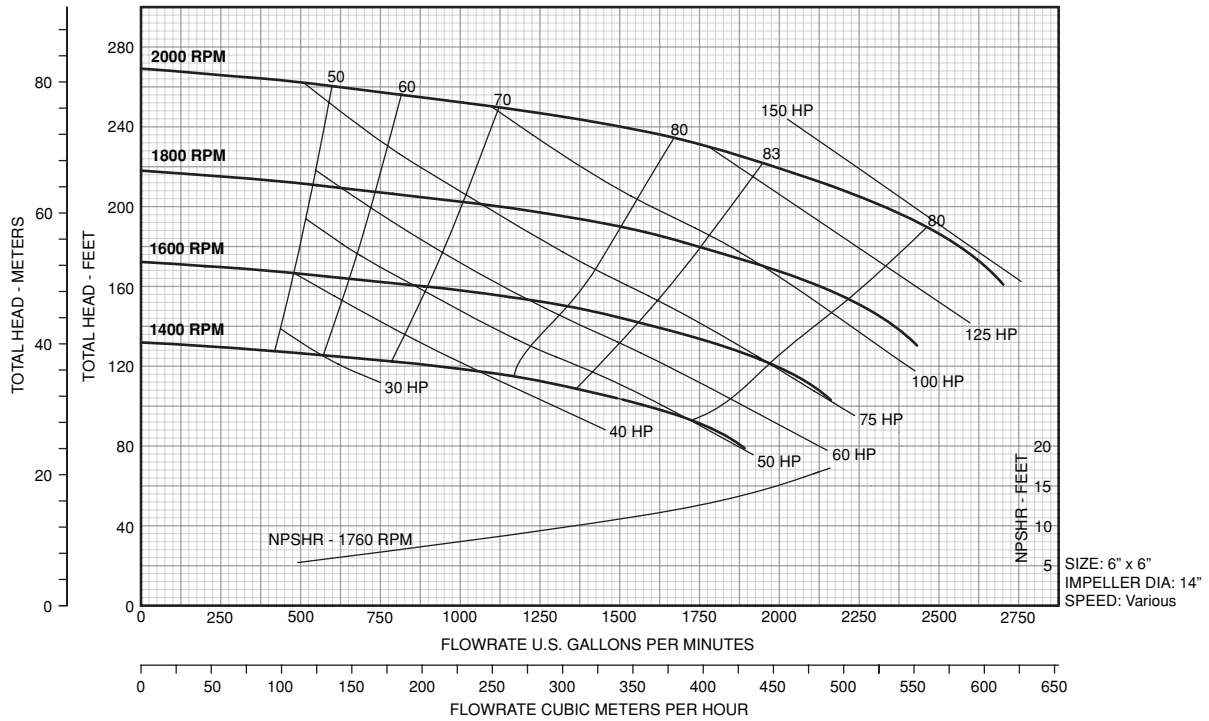


Model HC-6x4-13

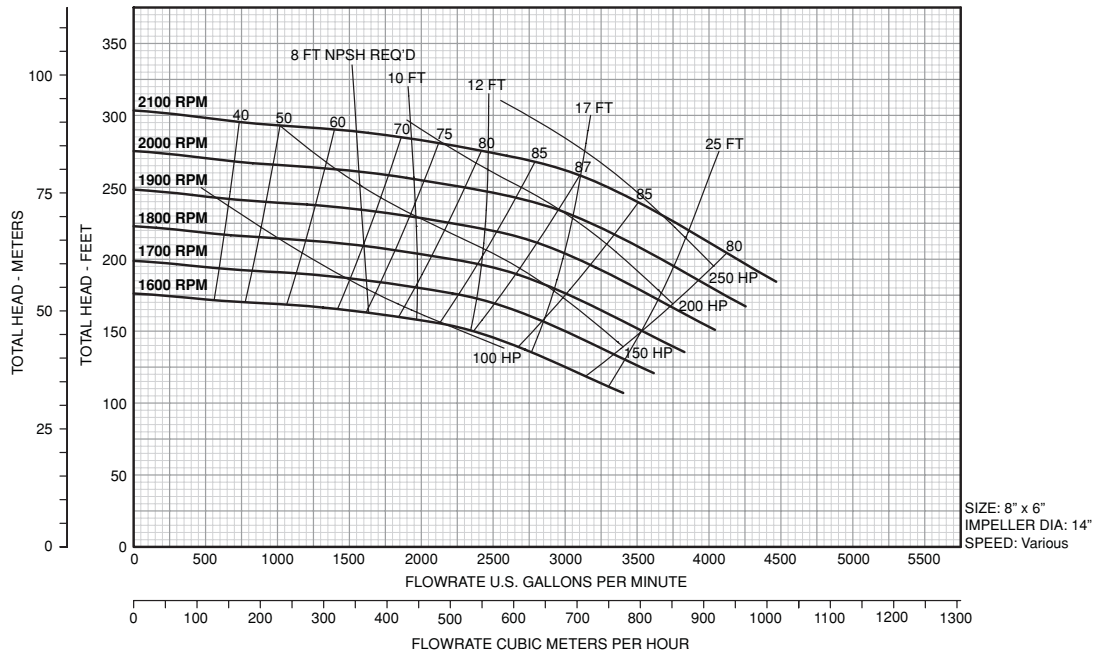


HC Series Standard Centrifugal Pumps-Bearing Frame

Model HC-6x6-14



Model HC-8x6-14



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

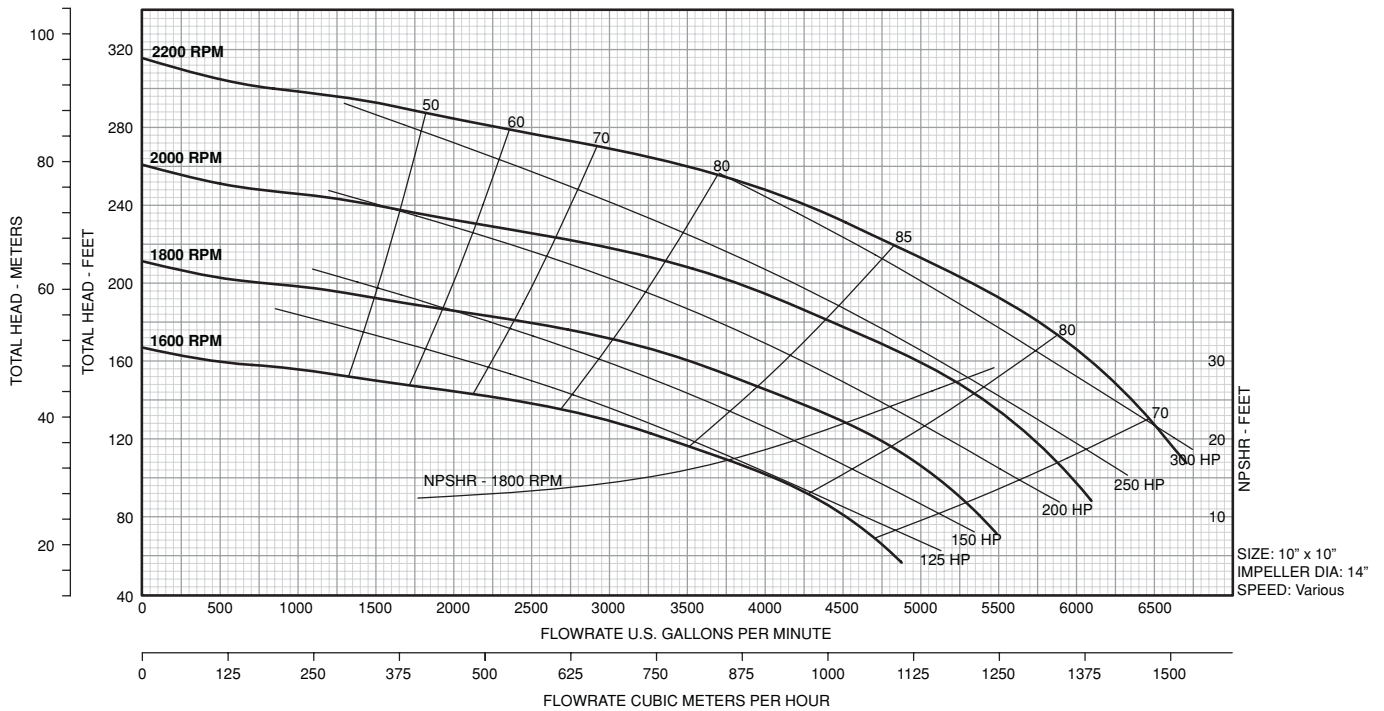
Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

HC Series Standard Centrifugal Pumps-Bearing Frame

PAGE: CP-772
DATE: June 5, 2006

Model HC-10x10-14



Franklin Electric

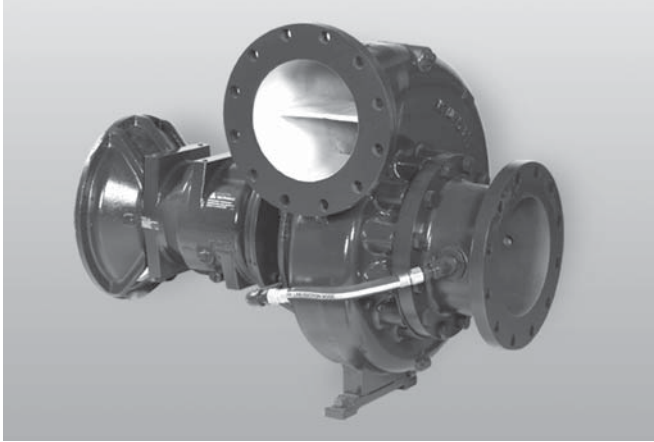
400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

HC Series

Standard Centrifugal Pumps- SAE Engine Drive

PAGE: CP-775

DATE: June 5, 2006



Features:

- 2" - 10" discharge sizes
- Capacities to 7000 GPM, 300' TDH
- Horsepower: Up to 200 HP
- Standard ductile iron construction with bronze wear ring and sleeve
- Replaceable wear rings
- Superior NPSH characteristics
- 150# rated flat faced flanges
- Heavy wall construction
- Grade 5 capscrews
- HC10 Series- Enclosed impellers, internally hydraulically balanced
- Double volute on HC10x10-14, for balanced radial forces, HC14 Series- External balance line standard
- Standard with graphite packing only
- Flywheel coupling and taper bushings sold separately.

Model Number Explanation

Example: HC4310-SA3P

- HC = Horizontal Centrifugal
- 4 = Suction Size
- 3 = Discharge Size
- 10 = Nominal Impeller Dia.
- SA = SAE Engine Drive
- 3 = SAE Housing Size
- P = Shaft Sealing:
P=Packing

HC Series

Standard Centrifugal Pumps- SAE Engine Drive

Ordering Information

10" Nominal Impeller Diameter - (SA) SAE Mount									
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve									
Pump Model	Suction/Disch Size	Shaft Sealing	Volute Design	Keyed Shaft Dia x Keyway	SAE Size	Clutch Size	Taper Bushing	Ordering Number	Weight (Lbs.)
HC-3x2-10	3" x 2"	Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16030210103	395
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16030210104	395
		Packing	Flanged	1-7/8" x 1/2"	5	8"	2517	16030210105	395
HC-4x25-10	4" x 2.5"	Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16042510103	405
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16042510104	405
		Packing	Flanged	1-7/8" x 1/2"	5	8"	2517	16042510105	405
HC-4x3-10	4" x 3"	Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16040310103	405
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16040310104	405
		Packing	Flanged	1-7/8" x 1/2"	5	8"	2517	16040310105	405
HC-6x4-10	6" x 4"	Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16060410103	465
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16060410104	465
		Packing	Flanged	1-7/8" x 1/2"	5	8"	2517	16060410105	465
HC-8x6-95	8" x 6"	Packing	Flanged	1-7/8" x 1/2"	1	14"	3535	16080695101	595
		Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16080695103	595
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16080695104	595
HC-8x6-10	8" x 6"	Packing	Flanged	1-7/8" x 1/2"	1	14"	3535	16080610101	600
		Packing	Flanged	1-7/8" x 1/2"	3	11.5"	2517	16080610103	600
		Packing	Flanged	1-7/8" x 1/2"	4	10"	2517	16080610104	600

14" Nominal Impeller Diameter - (SA) SAE Mount									
Standard Construction: Ductile Iron Casing and Impeller, with Bronze Wear Ring(s) and Shaft Sleeve									
Pump Model	Suction/Disch Size	Shaft Sealing	Volute Design	Keyed Shaft Dia x Keyway	SAE Size	Clutch Size	Taper Bushing	Ordering Number	Weight (Lbs.)
HC-5x3-14	5" x 3"	Packing	Flanged	2-1/2" x 5/8"	1	14"	3535	16050314101	590
		Packing	Flanged	2-1/2" x 5/8"	3	11.5"	2517	16050314103	590
		Packing	Flanged	2-1/2" x 5/8"	4	10"	2517	16050314104	590
HC-6x4-13	6" x 4"	Packing	Flanged	2-1/2" x 5/8"	1	14"	3535	16060413101	595
		Packing	Flanged	2-1/2" x 5/8"	3	11.5"	2517	16060413103	595
		Packing	Flanged	2-1/2" x 5/8"	4	10"	2517	16060413104	595
HC-6x6-14	6" x 6"	Packing	Flanged	2-1/2" x 5/8"	1	14"	3535	16060614101	700
		Packing	Flanged	2-1/2" x 5/8"	3	11.5"	2517	16060614103	700
		Packing	Flanged	2-1/2" x 5/8"	4	10"	2517	16060614104	700
HC-8x6-14	8" x 6"	Packing	Flanged	2-1/2" x 5/8"	1	14"	3535	16080614101	805
		Packing	Flanged	2-1/2" x 5/8"	3	11.5"	2517	16080614103	805
		Packing	Flanged	2-1/2" x 5/8"	4	10"	2517	16080614104	805
HC-10x10-14	10" x 10"	Packing	Flanged	2-1/2" x 5/8"	1	14"	3535	16101014101	1070
		Packing	Flanged	2-1/2" x 5/8"	3	11.5"	2517	16101014103	1070
		Packing	Flanged	2-1/2" x 5/8"	4	10"	2517	16101014104	1070

NOTES: Viton Seals available. Consult price sheets for list price adders.
 There will be an impeller trimming charge applied for any non-standard impeller trim.
 Consult price sheets for list price adders.
 Flywheel couplings and taper lock bushings are sold separately.



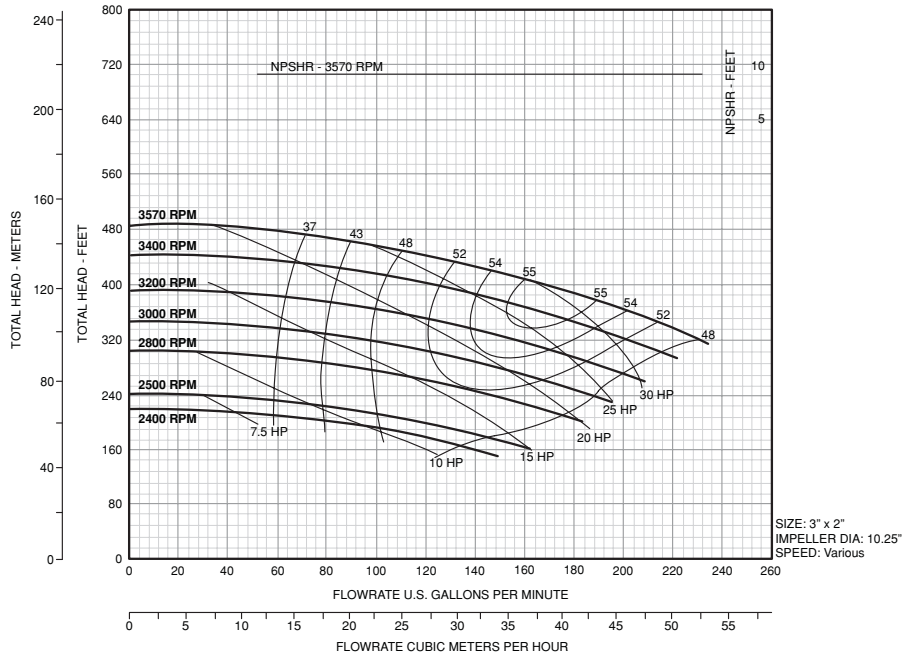
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

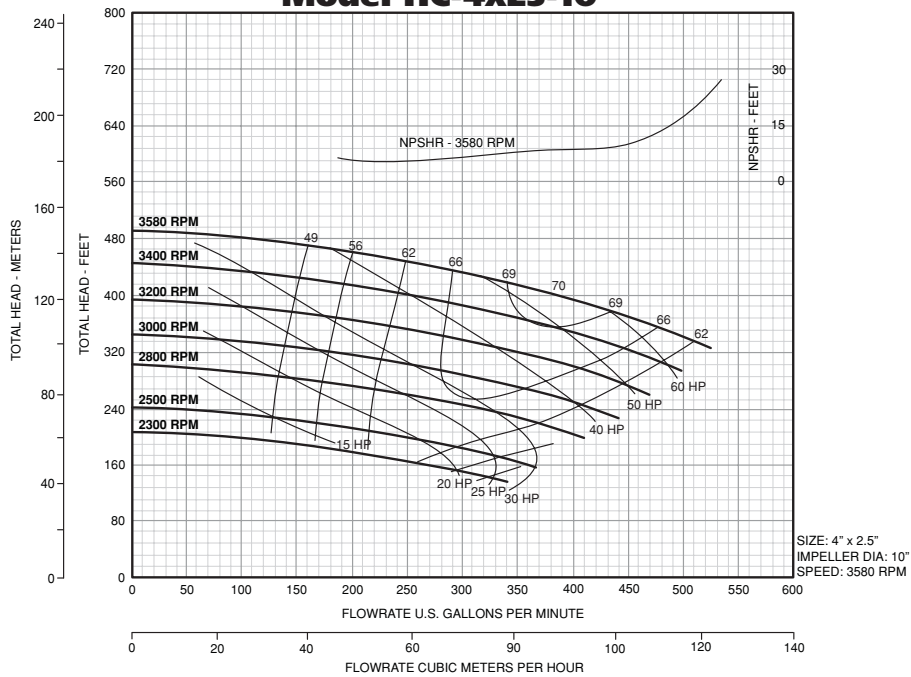
HC Series Standard Centrifugal Pumps- SAE Engine Drive

PAGE: CP-780
DATE: June 5, 2006

Model HC-3x2-10

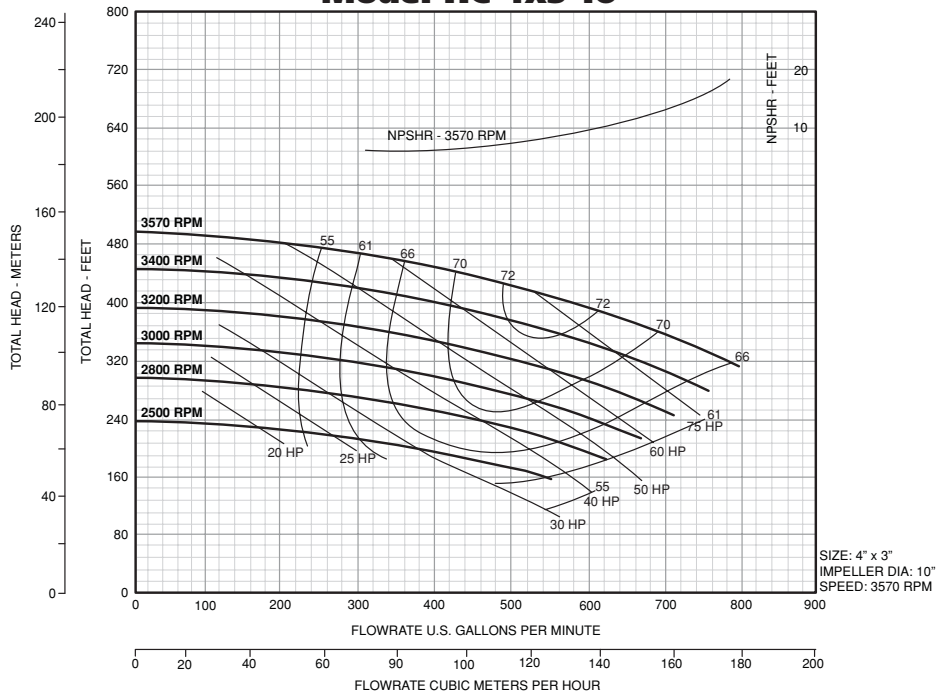


Model HC-4x25-10

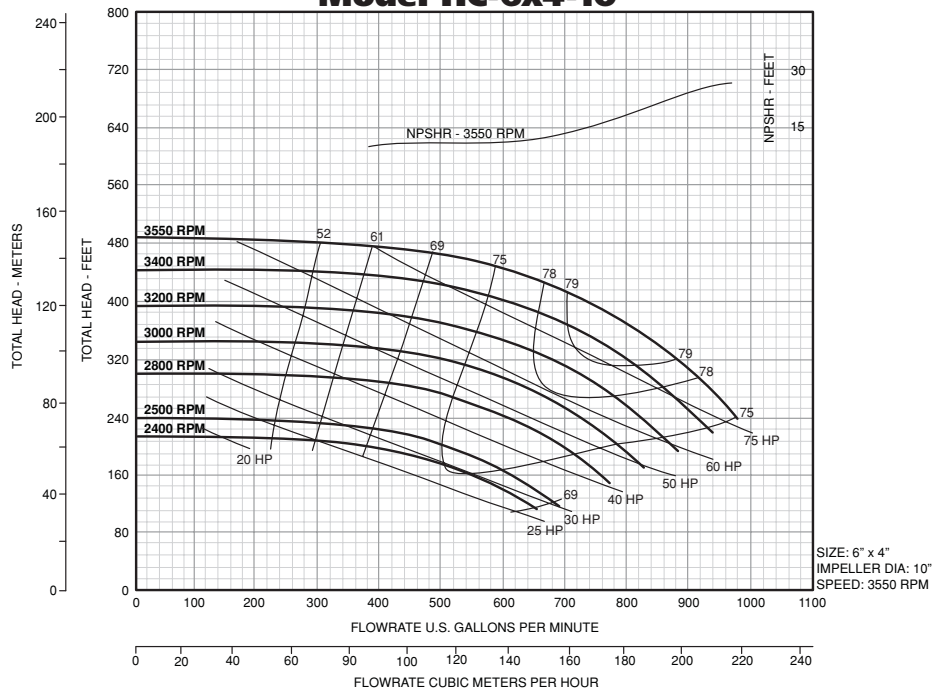


HC Series Standard Centrifugal Pumps- SAE Engine Drive

Model HC-4x3-10



Model HC-6x4-10



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

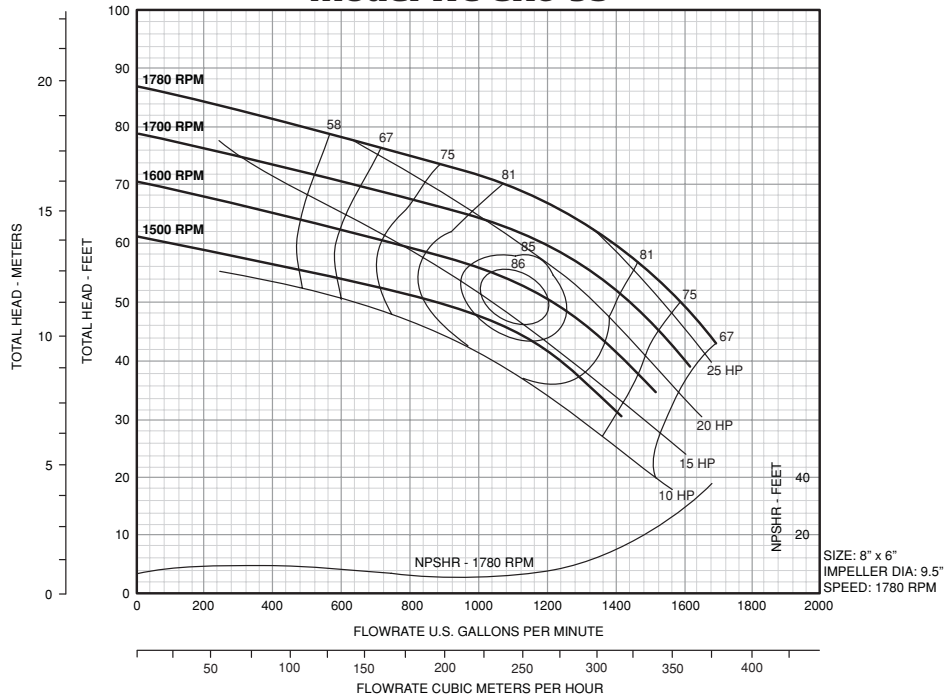
Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

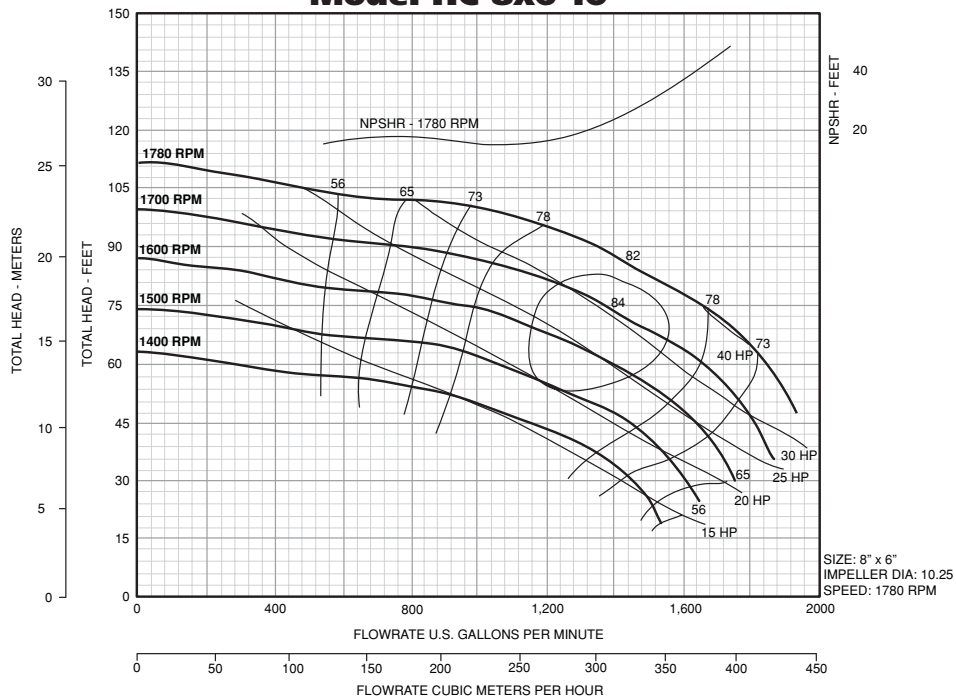
HC Series Standard Centrifugal Pumps-SAE Engine Drive

PAGE: CP-785
DATE: June 5, 2006

Model HC-8x6-95

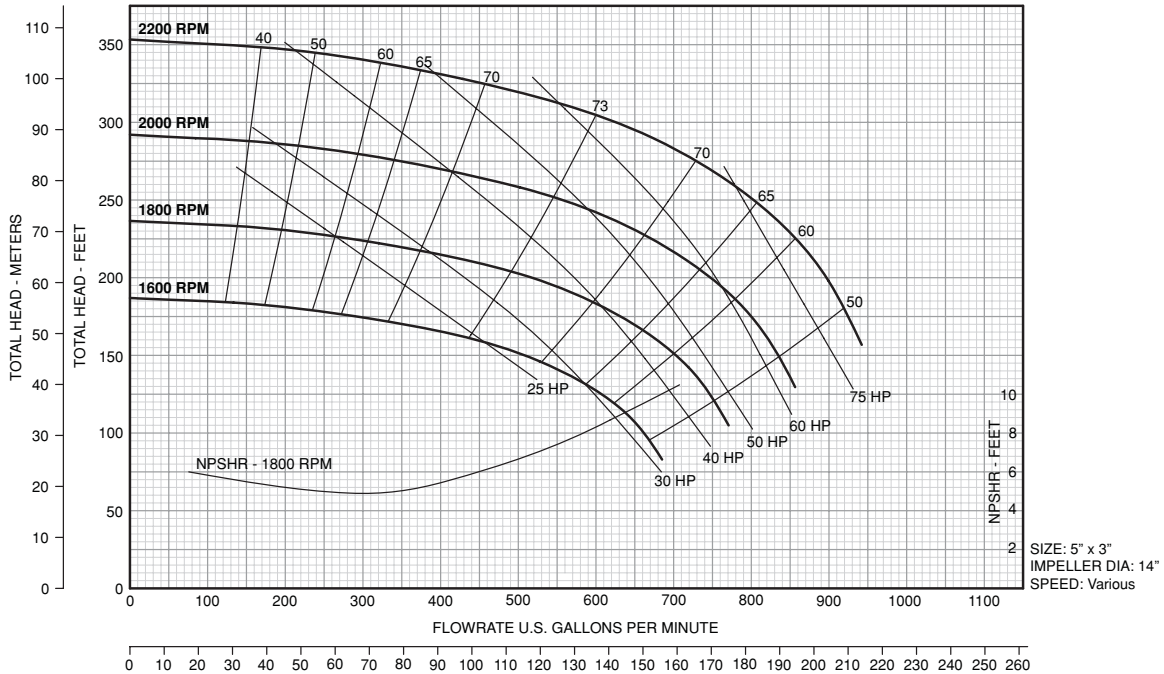


Model HC-8x6-10

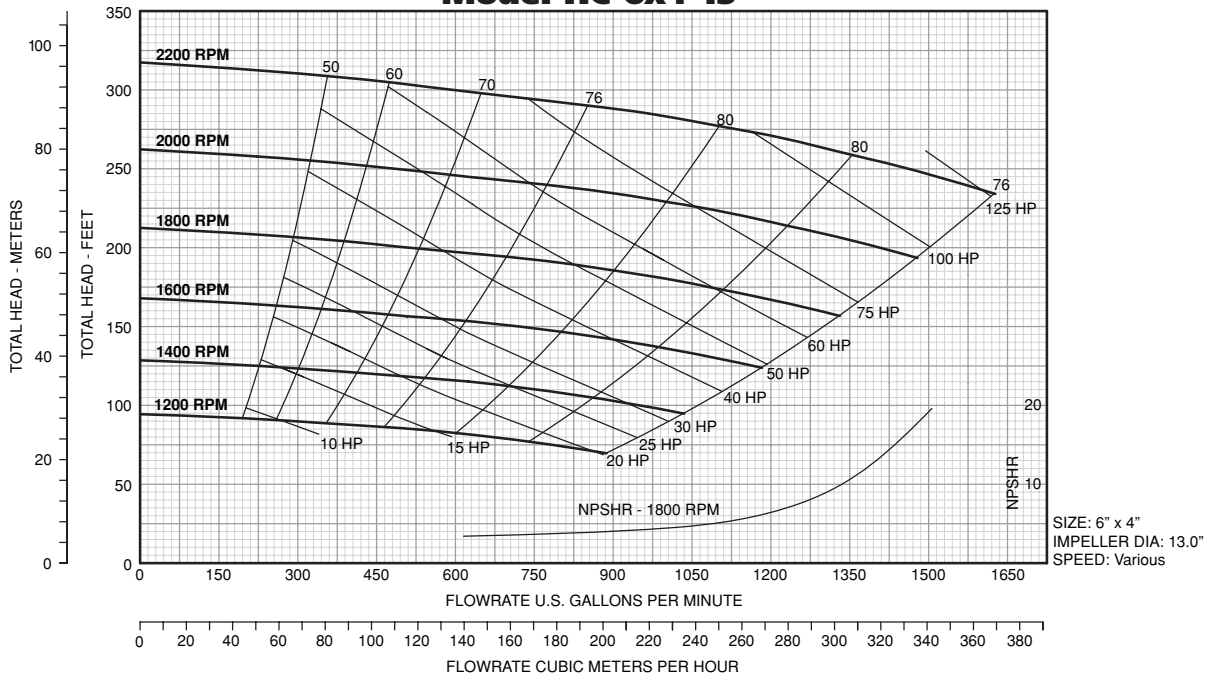


HC Series Standard Centrifugal Pumps- SAE Engine Drive

Model HC-5x3-14



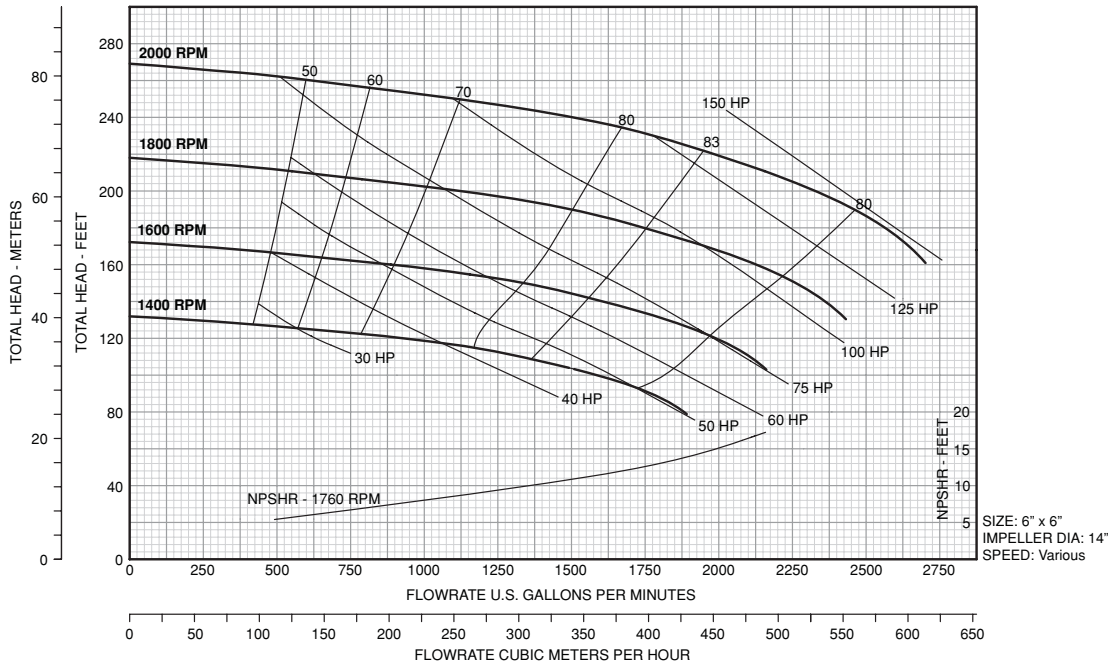
Model HC-6x4-13



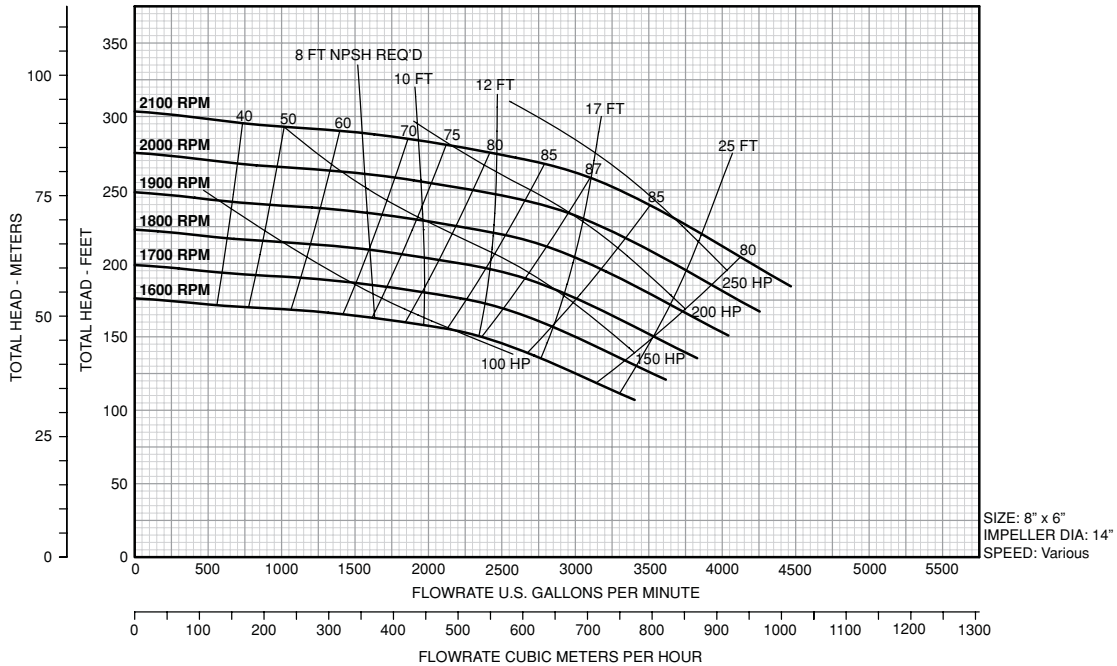
HC Series Standard Centrifugal Pumps-SAE Engine Drive

PAGE: CP-790
DATE: June 5, 2006

Model HC-6x6-14



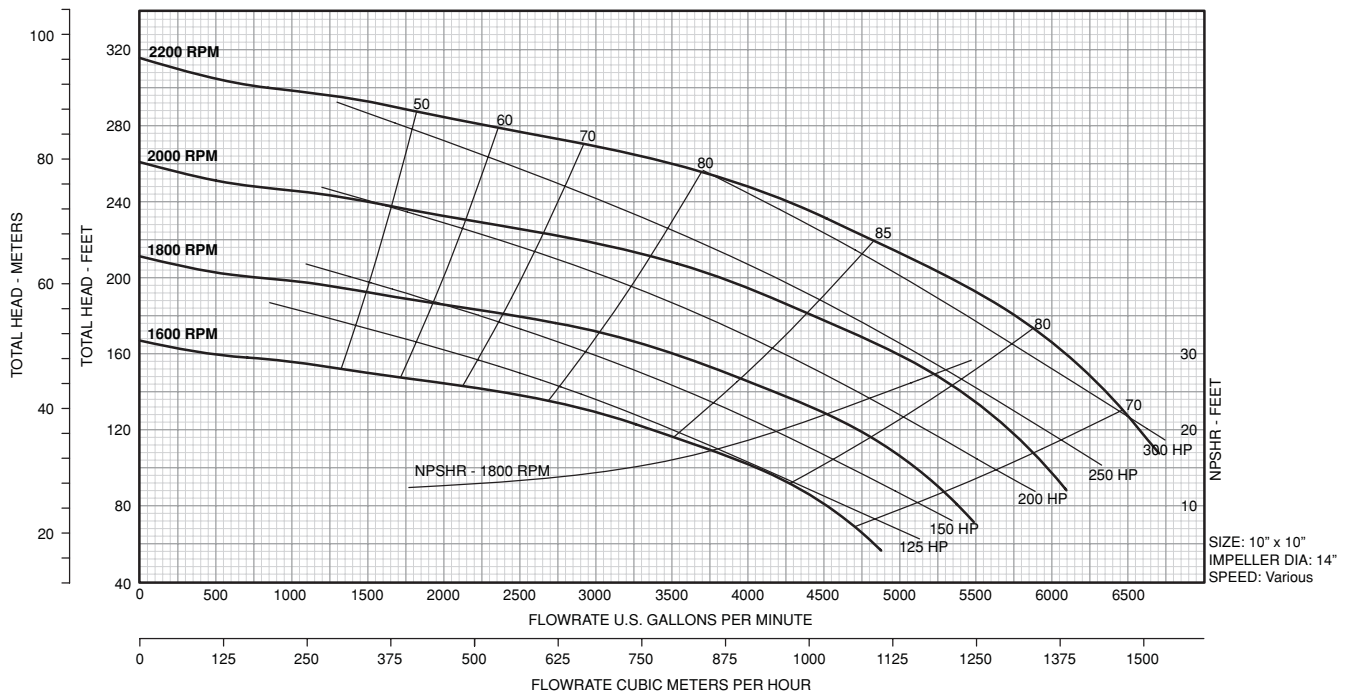
Model HC-8x6-14



HC Series

Standard Centrifugal Pumps-SAE Engine Drive

Model HC-10x10-14



Flywheel Couplings

Standard Centrifugal Pumps- SAE Engine Drive

PAGE: CP-795

DATE: June 5, 2006



NOTE: Photo includes taper-lock bushing.
Bushing is sold separately.



Features:

- Very high torsional flexibility with a linear torsional deflection characteristic
- High torsional vibration and shock load absorbing capability
- Backlash-free torque transmission
- Ease of assembly thanks to the plug-in type design with ample axial float
- Compensation of major misalignments
- Torque limitation protecting the drive against overload

Coupling is a highly flexible flywheel design with an axial plug-in facility. It provides a torsionally soft connection between an internal combustion engine and the pump.

The highly flexible torque transmission characteristic is achieved by a disc-shaped rubber element that is subjected to a torsional load and enables both, the absorption of high torsional vibrations and the compensation of major misalignments.

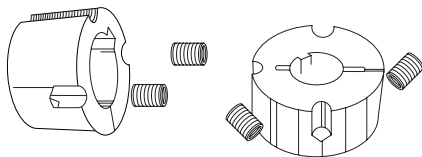
The inside diameter of the rubber disc element is vulcanized directly to a taper hub. The toothed profile on the circumference of the element provides in service a virtually backlash-free, positive plug-in connection to the coupling flange.

Ordering Information

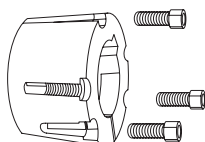
Clutch Size	Order Number	FE Model Number	SAE Bracket Size	Coupling Taper Bushing required (sold separately)
8"	106128101	8" Flywheel Coupling R (SAE 5)	5	2517
10"	106129101	10" Flywheel Coupling R (SAE 4)	4	2517
11.5"	106130101	11.5" Flywheel Coupling R (SAE 3)	3	2517
14"	106131101	14" Flywheel Coupling R (SAE 1)	1	3535

Taper-Lock Bushings (sold separately)

2517 Size



3535 Size



Ordering Information

Bore Size	Order Number	FE Model Number	Taper-Lock Size	Application
1-7/8" x 1/2" key	106132101	Coupling Bushing 1-7/8" x1/2"	2517	SAE3, SAE4, SAE5
2-1/2" x 5/8" key	106133101	Coupling Bushing 2-1/2" x5/8"	2517	SAE3, SAE4, SAE5
1-7/8" x 1/2" key	106134101	Coupling Bushing 1-7/8" x1/2"	3535	SAE1
2-1/2" x 5/8" key	106135101	Coupling Bushing 2-1/2" x5/8"	3535	SAE1



Franklin Electric

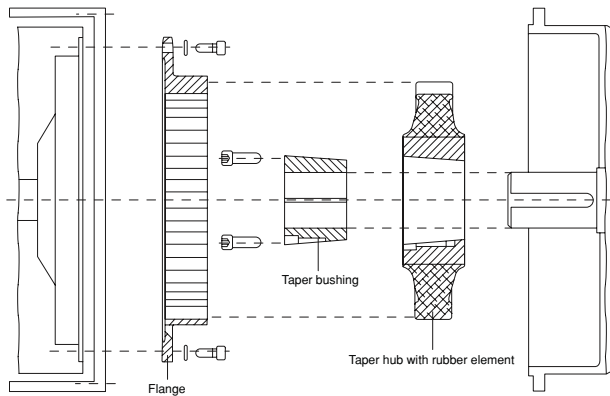
400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

Flywheel Couplings Standard Centrifugal Pumps- SAE Engine Drive

PAGE: CP-796
DATE: June 5, 2006



Type AC-T with taper bushing

Flywheel coupling type AC-T...F2 is designed to accept a taper bushing for shaft mounting. The rubber disc element is vulcanized directly to the taper hub. After completion of the assembly, a shrink-fit-like connection, free from backlash in the bore, is established between the coupling hub with rubber disc element and the shaft.

Thanks to the use of commercially available taper bushings with a number of different bore dimensions (sold separately), the need for finishing the bores and keyways of the coupling hub is omitted for coupling type AC-T. The torque, which can be transmitted, depends on the particular taper bushing. The advantage is the ease of assembly and disassembly with no need for special tools.

Mounting instructions for flywheel couplings Type AC-T...F2 with taper bushing

1. The outer taper of the taper bushing and the bore with the inner taper of the element hub shall show bright metal and must be free of grease prior to mounting. Preservatives must be removed completely.
2. Insert the taper bushing into the element hub and line up all connecting bores. Make sure that half threaded bores coincide with half plain bores (Fig. 1).
3. Screw in lightly greased or oiled assembly screws. Do not tighten the screws yet (Fig. 2).
4. Slide the element hub with inserted taper bushing onto the cleaned shaft with keyway and put it into the mounting position L_x (Fig. 3).
5. Tighten the screws uniformly up to the tightening torque M_{A2} specified in table 2 using a torque wrench.
6. The screws can be retightened again by tapping against the taper bushing with a hammer using an intermediate plate. Repeat, if necessary.

Fig. 3

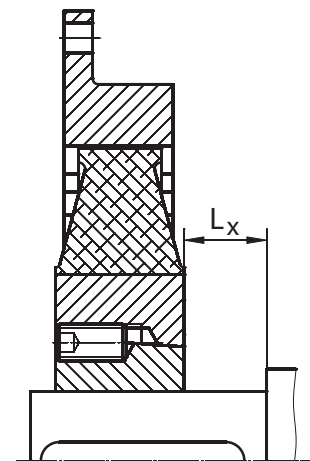
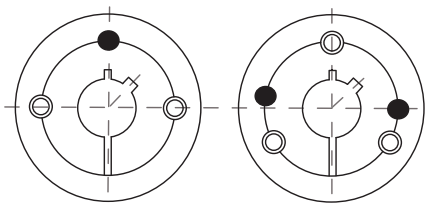


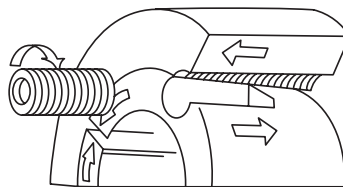
Fig. 1



No. 2517

No. 3535

Fig. 2



Flywheel Couplings

Standard Centrifugal Pumps- SAE Engine Drive

Tightening torques for mounting the taper bushing

Table 1

Coupling Size		AC-T2,6 AC-T3	AC-T5
Taper Bushing No.		2517	3535
* UNC Screw Size		1/2 x 13	1/2 x 13
Tightening Torque M_{A2}	Nm	49	115
	lb-in	434	1020
Width across flats SW		1/4	1/4

* No. 2517 Set Screw
No. 3535 Cap Screw

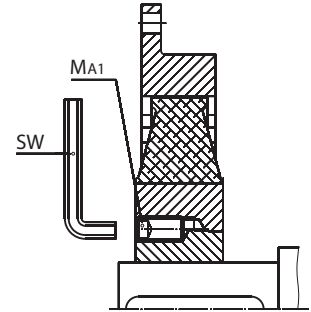


Fig. 5

How to remove the element hub with taper bushing

1. Loosen and remove all screws. Depending on the taper bushing size, screw either 1 or 2 greased screws into the half pulling-off thread(s) of the taper bushing (Fig. 4).
2. Tighten the screws uniformly until the taper bushing is loose in the element hub.
3. As soon as the taper bushing is loose, the element hub can be pulled off the shaft together with the taper bushing.

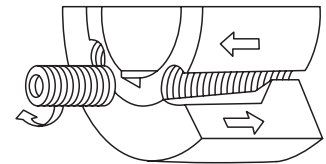


Fig. 4

Tightening torques for flywheel couplings

All bolts and screws must be tightened to the specified torques in order to ensure a reliable torque transmission. Prior to putting the machinery into operation, all bolts and screws of the coupling must be checked for proper fit.

Detailed mounting instructions are available for the specific coupling types.

Table 2

Tightening torques for the bolted flange connection to the engine flywheel.

SAE flywheel flange		8	10	11-1/2	14
Imperial size bolts		3/8-16		1/2-13	
Tightening Torque M_{A1}	Nm	42		102	
	lb in	372		903	

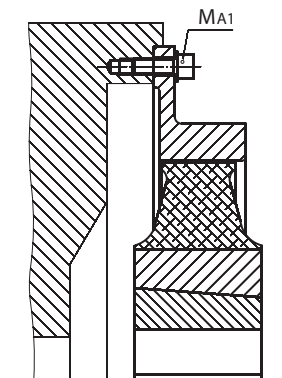


Fig. 6



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

A Series Non-Corrosive Centrifugal Pumps

PAGE: CP-1100
DATE: June 5, 2006



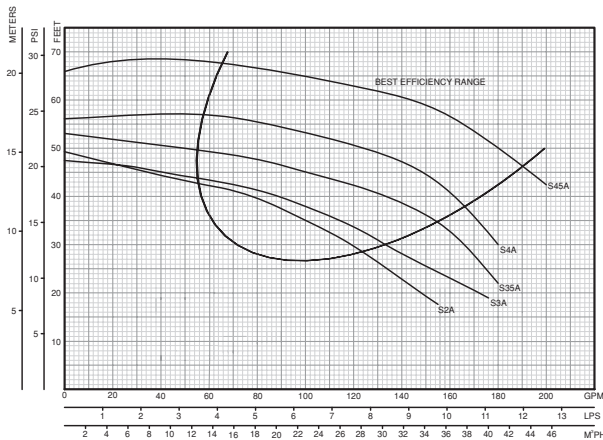
FPS

A series

Flooded suction centrifugal pump suitable for use with saltwater, chemical transfer, and other pumping applications that deal with corrosive substances.

Features:

- High tech, non-corrosive plastic construction. All metal components that have contact with liquid are stainless steel.
- Motor shaft is completely insulated from any contact with pumping liquid.
- 2" union connections ensure easy service and optimum water flow. Unions must be ordered separately.
- Discharge port easily rotates to 90 degree increments without removing motor.
- Lightweight design.



Ordering Information

"A" SERIES THERMOPLASTIC CENTRIFUGAL PUMPS						
Series	Suction x Discharge	Model	HP	Voltage	Pump Unit	
					Order No.	Wt.
A	2" x 2" MNPT	S2A	2	115/230	94216151	27
		S3A	3	230	94216191	29
		S35A	3-1/2	230	94216201	31
		S4A	4	230	94216301	35
		S45A	4-1/2	230	94216401	39
Fittings kit contains (2) 2" slip x threaded connection union halves					31150109	2

Note: Set of union halves must be purchased separately.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

S Series Non-Corrosive Centrifugal Pumps

PAGE: CP-1105
DATE: June 5, 2006



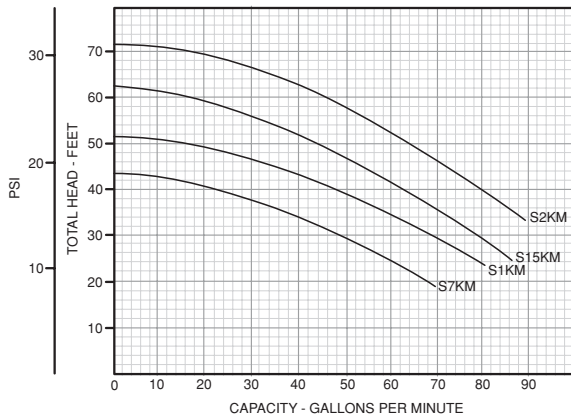
FPS

S Series

This flooded suction centrifugal pump is suitable for use with saltwater, chemical transfer (please consult factory for specific chemical compatibility), and other pumping applications that deal with corrosive substances.

Features:

- High tech, non-corrosive plastic construction. All metal components that have contact with liquid are stainless steel.
- Motor shaft is completely insulated from any contact with pumping liquid.
- Mechanical seal has ceramic and carbon faces. All other parts are buna-n-rubber and stainless steel.
- Patented air cooled heat sink allows pump to run dry or in loss-of-prime conditions without damage to the shaft seal. Unconditional two year warranty against seal failure.
- Floating eye seal on the impeller maximizes pump efficiency for best flow and pressure.
- Will accept either a standard 1-1/2" union or a male 1-1/2" pipe thread. Unions must be ordered separately.
- UL and CSA agency listing do not apply to any application other than water applications.



Ordering Information

"S" SERIES THERMOPLASTIC CENTRIFUGAL PUMPS

Series	Suction x Discharge	Model	HP	Voltage	Pump Unit	
					Order No.	Wt.
S	1-1/2" x 1-1/2" MNPT	S7KM	3/4	115	94028263	22
		S1KM	1	115	94028271	24
		S15KM	1-1/2	115	94028289	26
		S2M	2	115/230	94028297	35
Fittings kit contains (2) 1-1/2" slip x threaded connection union halves					31175608	1

Note: Set of union halves must be purchased separately.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

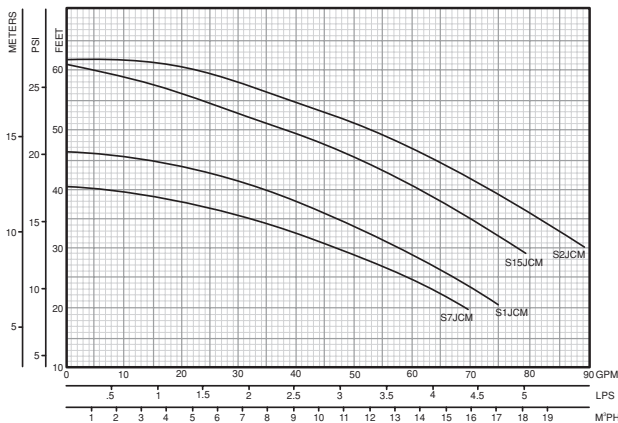
JCM Series Self-Draining Non-Corrosive Centrifugal Pumps

PAGE: CP-1110
DATE: June 5, 2006



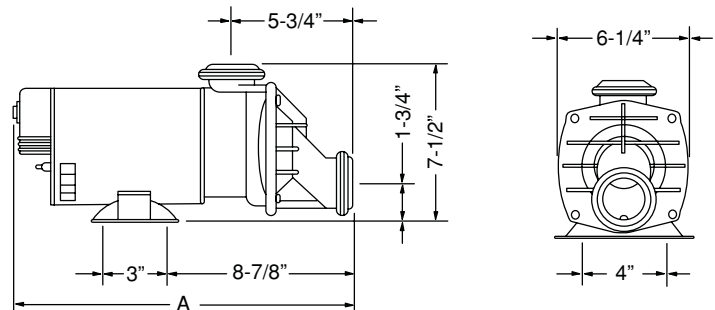
Features:

- 100% self-draining case satisfies both UL and IAPMO standards.
- Air-cooled heat sink allows pump to run dry without damage to the shaft seal.
- Floating eye seal between the closed impeller and the pump case maximizes pump efficiency for best flow and pressure.
- Accepts a 1-1/2" standard union. Union adapter kits must be ordered separately.
- UL and CSA Agency listings do not apply to any application other than water applications.



Dimensions (In Inches)

HP	A
3/4	16-5/8"
1	16-5/8"
1-1/2	17-1/16"
2	17-1/16"



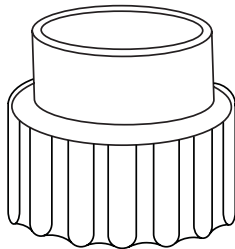
JCM Series

Self-Draining Non-Corrosive Centrifugal Pumps

Ordering Information

JCM Series with Straight Union Fit - Single Speed						
Model No.	Order No.	HP	Voltage	Full Load Amps	Svc. Factor	Weight
S7JCM	94215696	3/4	115	9.8	1	22
S1JCM	94215704	1	115	9.8	1	24
S15JCM	94216587	1-1/2	115	12.4	1	26
S2JCM	94215522	2	115/230	16.8	1	35

JCM Series with Straight Union Fit - Single Speed with Built-In Air Switch & 3' Cord with Standard 3 Prong Plug						
Model No.	Order No.	HP	Voltage	Full Load Amps	Svc. Factor	Weight
S7JCM-A3	94216405	3/4	115	10.5	1	22
S1JCM-A3	94216421	1	115	10.5	1	24
S15JCM-A3	94216603	1-1/2	115	12.4	1	26
S2JCM-A3	94216447	2	115/230	16.0	1	35



Straight Union - Must be ordered separately

Model No.	Order No.
(2) S15UNS Halves	31175608



Replacement Motors JM Frame Centrifugal

PAGE: CP-1200
DATE: June 5, 2006

REPLACEMENT MOTORS FOR JET & SMALL CENTRIFUGAL PUMPS								
Pump Series	Frame	HP	SINGLE PHASE			THREE PHASE		
			Voltage	Order No.	Wt.	Voltage	Order No.	Wt.
RM2 RP2 HJM1 H4 D	56C Keyed Shaft	1/2	115/230	90102294R	18	208-230/460	90102419R	19
		3/4	115/230	90102302R	25	208-230/460	90102427R	27
		1	115/230	90102310R	29	208-230/460	90102435R	29
		1-1/2	115/230	90102328R	30	208-230/460	90102443R	30
		2	115/230	90102336R	33	208-230/460	90102450R	33
		3	230	90112897R	40	208-230/460	90110628R	68
H4 D	56C Keyed Shaft	1/2	Not Available in Single Phase			575	90109372R	19
		3/4				575	90109380R	27
		1				575	90109398R	29
		1-1/2				575	90109406R	30
		2				575	90109414R	33
		3				575	90179961R	68
VB6	56C Keyed Shaft	1-1/2	115/230	90118910R	31	208-230/460	90118977R	30
		2	115/230	90118928R	34	208-230/460	90118985R	35
		3	230	90119181R	41	208-230/460	90119207R	69
	TC K. Shaft	5	230	90119199R	35	208-230/460	90119215R	58
		7-1/2	230	Not Available		208-230/460	90119017R	74
C PRM3 HJM2	56J Threaded Shaft	1/3	115/230	90177817R	17	Not Available in Three Phase		
		1/2	115/230	90100637R	18			
		3/4	115/230	90100561R	25			
		1	115/230	90100579R	29			
		1-1/2	115/230	90100587R	30			
		2	115/230	90119116R	34			
SHJM2	56J Threaded Shaft	1	115/230	90100629R	25	Not Available in Three Phase		
		1-1/2	115/230	90100603R	30			
		2	115/230	90100611R	33			
		2-1/2	115/230	90100645R	34			
DDD	56Z Square Flange	1/2	115/230	90106246R	18	208-230/460	90106758R	9
		3/4	115/230	90106253R	25	208-230/460	90106766R	10
		1	115/230	90106261R	29	208-230/460	90106774R	12
		1-1/2	115/230	90106279R	30	208-230/460	90106782R	14
		2	115/230	90106287R	33	208-230/460	90106790R	17
		2-1/2	115/230	90106295R	35	Not Available in Three Phase		
RP3 SDEEP	56Z Square Flange	1/2	115/230	90101106R	18	Not Available in Three Phase		
		3/4	115/230	90103227R	25			
		1	115/230	90103235R	29			
Cyclone Typhoon	56Z Square Flange	1/2	115/230	90101315R	18	Not Available in Three Phase		
		3/4	115/230	90101327R	25			
		1	115/230	90101331R	29			
		1-1/2	115/230	90101345R	30			
		2	115/230	90101352R	33			

- Notes:**
1. 56C round flange motors have 5/8" diameter shaft with 3/16" x 3/16" keyway.
 2. 56J round flange motors have 5/8" diameter shaft with 7/16-20 UNF-2A thread.
 3. 56Z square flange motors have a 5/8" diameter shaft with a 1/2-20 UNC-2A thread.

Replacement Motors

JM Frame Centrifugal

JM FRAME REPLACEMENT MOTORS - 3500 R.P.M. - O.D.P.

Pump Series	SINGLE PHASE				
	HP	Frame Size	Voltage	Order No.	Wt.
DB1 DB1-1/2 DC1-1/2 DB2 DB3 DC4	5	184JM	230	90111725R	28
	7-1/2	184JM	230	90119173R	119
	7-1/2	213JM	230	90111881R	119
	10	215JM	230	90113481R	139
	THREE PHASE				
	HP	Frame Size	Voltage	Order No.	Wt.
	5	182JM	208-230/460	90118399R	70
	7-1/2	184JM	208-230/460	90118407R	75
	10	213JM	208-230/460	90118415R	110
	15	215JM	208-230/460	90118423R	140
	20	254JM	208-230/460	90118431R	155
	25	256JM	208-230/460	90118837R	195
	30	284JM	208-230/460	90118845R	230
	40	286JM	208-230/460	90118852R	320
	50	324JM	230/460	90118860R	400
	THREE PHASE - 575 VOLT				
	HP	Frame Size	Voltage	Order No.	Wt.
	5	182JM	575	90179250R	70
	7-1/2	184JM	575	90179276R	75
	10	213JM	575	90178096R	110
15	215JM	575	90178112R	140	
20	254JM	575	90177981R	155	
25	256JM	575	C.F.	195	
30	284JM	575	C.F.	230	
40	286JM	575	C.F.	320	
50	324JM	575	C.F.	400	

Notes: 1. Single phase motors are A.O. Smith.
2. Three phase motors are Emerson.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Replacement Motors HC-Series - ODP

PAGE: CP-1205

DATE: Feb 5, 2007

ODP Close Coupled 2-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
106023002	3	208-230/460	Custom	42	9-8.4/4.2	1.15	37F810S093H2	213JP	8.5	10-3001-801
106023003	5	208-230/460	Custom	59	15-14/7	1.15	37F810Y445H2	213JP	8.5	10-3001-801
106023004	7.5	208-230/460	Custom	75	25.7-20.4/10.2	1.15	37F810T320H2	213JP	8.5	10-3001-801
106023005	10	208-230/460	JPM3312T	109	31-28.8/14.4	1.15	Standard	213JP	8.5	10-3001-801
106023006	15	230/460	JPM3314T	128	43.7-41.1/20.7	1.15	Standard	215JP	8.5	10-3001-801
106023007	20	230/460	JPM2514T	167	55.2/27.6	1.15	Standard	254JP	8.5	10-3001-801
106023008	25	230/460	JPM2516T	242	69/34.5	1.15	Standard	256JP	8.5	10-3001-801
106023009	30	230/460	JPM2534T	261	80.5/40.3	1.15	Standard	284JP	12.5	10-3003-801
106023010	40	230/460	JPM2538T	320	103.5/51.8	1.15	Standard	286JP	12.5	10-3003-801
106023011	50	230/460	JPM2542T	386	135.7/67.9	1.15	Standard	324JP	12.5	10-3003-801
106023012	60	230/460	Custom	389	157.4/78.7	1.15	40H026W936G1	326JP	12.5	10-3003-801
106023013	75	230/460	Custom	472	193.6/96.8	1.15	42J060W409G1	364TCZ	12.5	10-3003-801
106023014	100	230/460	Custom	561	262/131	1.15	42J060W642H2	365TCZ	12.5	10-3003-801
106023015	125	460	Custom	782	161.5	1.15	44F024W121H2	404TCZ	12.5	10-3003-801

ODP Close Coupled 4-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
106024001	2	208-230/460	Custom	45	7-6.8/3.4	1.15	37F810W939H2	213JP	8.5	10-3001-801
106024002	3	208-230/460	Custom	64	9.4-8.5/4.25	1.15	37F810X851H2	213JP	8.5	10-3001-801
106024003	5	208-230/460	Custom	74	18.0-15.8/7.9	1.15	37F810X087G1	213JP	8.5	10-3001-801
106024004	7.5	208-230/460	JPM3311T	110	26.45-25.3/12.7	1.15	Standard	213JP	8.5	10-3001-801
106024005	10	208-230/460	JPM3313T	132	32.4-29.9-15	1.15	Standard	215JP	8.5	10-3001-801
106024006	15	230/460	JPM2513T	171	47.2-43.7/21.9	1.15	Standard	254JP	8.5	10-3001-801
106024007	20	230/460	JPM2515T	227	61/30.5	1.15	Standard	256JP	8.5	10-3001-801
106024008	25	230/460	JPM2531T	252	74.8/37.4	1.15	Standard	284JP	12.5	10-3003-801
106024009	30	230/460	JPM2535T	249	82.8/41.4	1.15	Standard	286JP	12.5	10-3003-801
106024010	40	230/460	JPM2539T	372	117.3/58.7	1.15	Standard	324JP	12.5	10-3003-801
106024018	40	230/460	Custom *LS	372	108.2/54.1	1.15	40L045W275G1	324TCZ	12.5	10-3004-801
106024011	50	230/460	JPM2543T	378	140.3/70.2	1.15	Standard	326JP	12.5	10-3003-801
106024019	50	230/460	Custom *LS	378	138.4/69.2	1.15	40L045W917G1	326TCZ	12.5	10-3004-801
106024012	60	230/460	Custom	478	164.8/82.4	1.15	42H078W390G1	364TCZ	12.5	10-3003-801
106024020	60	460	Custom *LS	478	82.4	1.15	42J026W616G1	364TCZ	12.5	10-3004-801
106024013	75	460	Custom	540	101	1.15	42J026W724G1	365TCZ	12.5	10-3004-801
106024014	100	230/460	Custom	822	272/136	1.15	44E089W116H2	404TCZ	12.5	10-3004-801
106024015	125	460	Custom	1012	167	1.15	44E089W110H2	405TCZ	12.5	10-3004-801
106024016	150	460	Custom	1327	199	1.15	18E110X781G1	444TCZ	16	10-3009-801
106024017	200	460	Custom	1421	262	1.15	18E110X335H2	445TCZ	16	10-3009-801

* LS-Special Shaft, used on HC 6x6-14 Series only.

Replacement Motors

HC-Series - ODP

ODP Close Coupled 6-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
106025003	5	208-230/460	Custom	120	17.9-17.8/8.9	1.15	37G539Y833H3	213JP	8.5	10-3001-801
106025004	7.5	208-230/460	Custom	162	25.5-24.2/8.9	1.15	37F383T374H2	254JP	8.5	10-3001-801
106025005	10	230/460	Custom	228	33.4/16.7	1.15	39K061X458G1	256JP	8.5	10-3001-801
106025007	20	230/460	Custom	377	65/32.5	1.15	39P023W952G3	286JP	12.5	10-3004-801
106025008	25	208-230/460	Custom	374	79.8-74.2/37.1	1.15	40H026X115G1	324JP	12.5	10-3004-801
106025009	30	208-230/460	Custom	367	95.7-88.6/44.3	1.15	40H026X116G1	326JP	12.5	10-3004-801
106025010	40	230/460	Custom	567	112/56	1.15	42H078W641H2	364JP	12.5	10-3004-801
106025011	50	230/460	Custom	610	142.8/71.4	1.15	42H078W366H2	365JP	12.5	10-3004-801
106025012	60	230/460	Custom	830	169/84.5	1.15	44E130W109H2	404JP	12.5	10-3004-801

ODP Close Coupled 2-pole Baldor Motors 1-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
106026002	3	230	Custom	89	18	1.15	37S037S134G1	213JP	8.5	10-3001-801
106026003	5	230	Custom	117	25	1.15	37S037X085G1	213JP	8.5	10-3001-801
106026004	7.5	230	JPL1509T	118	42.6	1.15	Standard	213JP	8.5	10-3001-801
106026005	10	230	JPL1510T	145	52.9	1.15	Standard	215JP	8.5	10-3001-801

ODP Close Coupled 4-pole Baldor Motors 1-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
106026103	5	230	JPL1508T	124	31.1	1.15	Standard	213JP	8.5	10-3001-801
106026104	7.5	230	JPL1510T	140	35.7	1.15	Standard	215JP	8.5	10-3001-801



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Replacement Motors HC-Series - TEFC

PAGE: CP-1206

DATE: Feb 5, 2007

TEFC Close Coupled 2-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
107023002	3	208-230/460	Custom	94	9-8.4/4.2	1.15	37L079S093G1	213JP	8.5	10-3001-801
107023003	5	208-230/460	Custom	106	15.5-14.6/7.3	1.15	37L079Y445G1	213JP	8.5	10-3001-801
107023004	7.5	208-230/460	JPM3709T	110	23.5-21/10.5	1.15	Standard	213JP	8.5	10-3001-801
107023005	10	208-230/460	JPM3711T	133	29.8-27.2/13.6	1.15	Standard	215JP	8.5	10-3001-801
107023006	15	230/460	JPM2394T	223	42.3-39/19.5	1.15	Standard	254JP	8.5	10-3001-801
107023007	20	230/460	JPM4106T	182	57-52.4/26.2	1.15	Standard	256JP	8.5	10-3001-801
107023008	25	230/460	JPM4107T	373	65.4/32.7	1.15	Standard	284JP	12.5	10-3001-801
107023009	30	230/460	JPM4108T	303	78.4/39.2	1.15	Standard	286JP	12.5	10-3003-801
107023010	40	230/460	JPM4109T	535	105.6/52.8	1.15	Standard	324JP	12.5	10-3003-801
107023011	50	230/460	JPM4114T	550	128.2/64.1	1.15	Standard	326JP	12.5	10-3003-801
107023012	60	230/460	Custom	587	151.4/75.7	1.15	12E975X612H2	364TCZ	12.5	10-3003-801
107023013	75	230/460	Custom	847	188.8/94.4	1.15	14E541X465G1	365TCZ	12.5	10-3003-801
107023014	100	230/460	Custom	847	248.4/124.2	1.15	14E724X840H2	405TCZ	12.5	10-3003-801
107023015	125	460	Custom	1350	158	1.15	18E789Y166H2	444TCZ	12.5	10-3003-801

TEFC Close Coupled 4-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
107024001	2	208-230/460	Custom	90	10.9-9.9/4.9	1.15	37L079S093G1	213JP	8.5	10-3001-801
107024002	3	208-230/460	Custom	99	9.8/4.9	1.15	37J247Y002G1	213JP	8.5	10-3001-801
107024003	5	208-230/460	Custom	108	18-15.8/7.9	1.15	37L079X088G1	213JP	8.5	10-3001-801
107024004	7.5	208-230/460	JPM3710T	127	25.9-23.9/12	1.15	Standard	213JP	8.5	10-3001-801
107024005	10	208-230/460	JPM3714T	145	31.6-24.4/14.7	1.15	Standard	215JP	8.5	10-3001-801
107024006	15	230/460	JPM2333T	236	47.2-43.5/21.7	1.15	Standard	254JP	8.5	10-3001-801
107024007	20	230/460	JPM2334T	283	57.5/28.8	1.15	Standard	256JP	8.5	10-3001-801
107024008	25	230/460	JPM4103T	380	69/34.5	1.15	Standard	284JP	12.5	10-3003-801
107024009	30	230/460	JPM4104T	403	82.8/41.4	1.15	Standard	286JP	12.5	10-3003-801
107024010	40	230/460	JPM4110T	564	108.1/53.6	1.15	Standard	324JP	12.5	10-3003-801
107024018	40	230/460	Custom *LS	554	108.2/54.1	1.15	12E976X276H2	324TCZ	12.5	10-3004-801
107024011	50	230/460	JPM4115T	563	138/69	1.15	Standard	326JP	12.5	10-3003-801
107024019	50	230/460	Custom *LS	575	136/68	1.15	12E976X270H2	326TCZ	12.5	10-3004-801
107024012	60	230/460	Custom	578	161.6/80.9	1.15	14E541X279G1	364TCZ	12.5	10-3003-801
107024020	60	460	Custom *LS	700	78	1.15	12E978X667H2	364TCZ	12.5	10-3004-801
107024013	75	460	Custom	808	98	1.15	14E481X101G1	365TCZ	12.5	10-3004-801
107024014	100	230/460	Custom	889	130	1.15	14E542X644G1	404TCZ	12.5	10-3004-801
107024015	125	460	Custom	1327	162	1.15	18E790X455H2	444TCZ	12.5	10-3004-801
107024016	150	460	Custom	1529	194	1.15	18E788X590H2	445TCZ	16	10-3009-801
107024017	200	460	Custom	1859	259	1.15	18E788X669H2	445TCZ	16	10-3009-801

* LS-Special Shaft, used on HC 6x6-14 Series only.

Replacement Motors

HC-Series - TEFC

TEFC Close Coupled 6-pole Baldor Motors 3-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
107025003	5	208-230/460	Custom	131	17.9-17.8/8.9	1.15	37L079Y833H2	215JP	8.5	10-3001-801
107025004	7.5	208-230/460	Custom	178	25.4/12.7	1.15	07H301W353	254JP	8.5	10-3001-801
107025005	10	230/460	Custom	290	32.6/16.3	1.15	09P028X829G4	256JP	8.5	10-3001-801
107025007	20	230/460	Custom	372	61.2/30.6	1.15	10M021X911G1	286JP	12.5	10-3004-801
107025008	25	208-230/460	Custom	429	76.8/38.4	1.15	12H062W298	324JP	12.5	10-3004-801
107025009	30	208-230/460	Custom	571	84/42	1.15	12H62W103	326JP	12.5	10-3004-801
107025010	40	230/460	Custom	785	111.6/55.8	1.15	14E227X378H2	364TCZ	12.5	10-3004-801
107025011	50	230/460	Custom	769	139.2/69.6	1.15	14E227W769H2	365TCZ	12.5	10-3004-801
107025012	60	230/460	Custom	1114	160.4/80.2	1.15	16E213W750H2	404TCZ	12.5	10-3004-801

TEFC Close Coupled 2-pole Baldor Motors 1-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
107026002	3	230	Custom	97	34.4/17.2	1.15	37M059X090G1	213JP	8.5	10-3001-801
107026003	5	230	Custom	127	25	1.15	37M059X085G1	213JP	8.5	10-3001-801
107026004	7.5	230	Custom	126	35.9	1.15	37M059W579G1	213JP	8.5	10-3001-801
107026005	10	230	Custom	147	46	1.15	37G461W578G3	215JP	8.5	10-3001-801

TEFC Close Coupled 4-pole Baldor Motors 1-Phase (Standard Efficiency)

FE Part Number	HP	Voltage	Description	Wt.	Service Factor Amps	Service Factor	Baldor Spec #	Frame Size	AK Dim	Shaft DWG
107026103	5	230	Custom	110	24	1.15	37G461T877G1	213JP	8.5	10-3001-801
107026104	7.5	230	Custom	115	33.5	1.15	37G461T876G1	215JP	8.5	10-3001-801

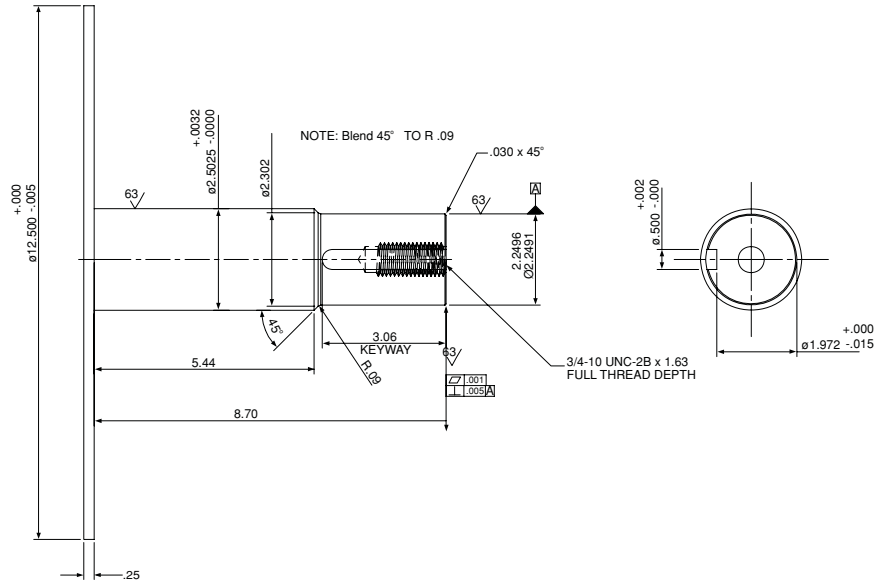


Franklin Electric

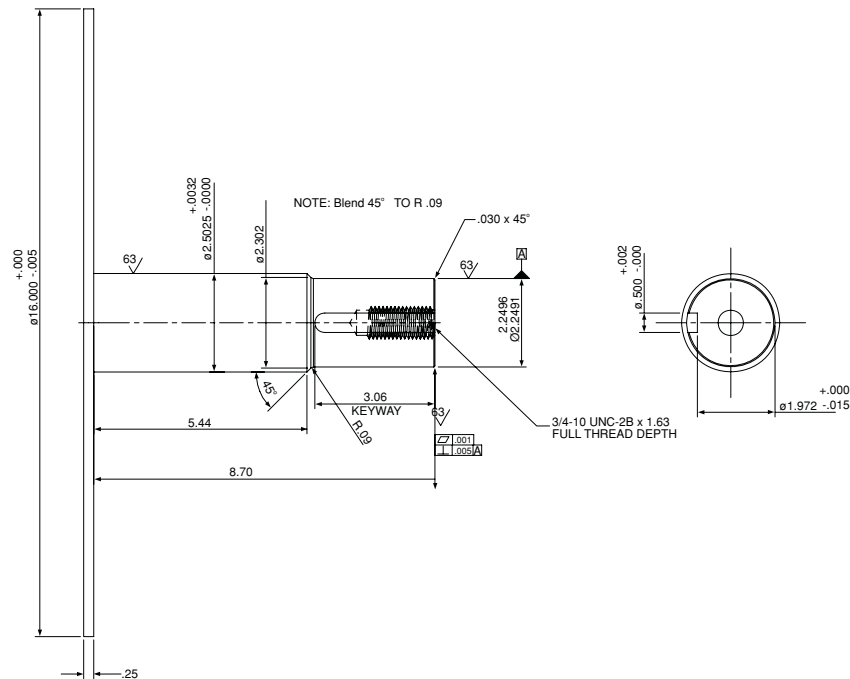
400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklin-electric.com

Replacement Motors HC-Series

Shaft 10-3004-801



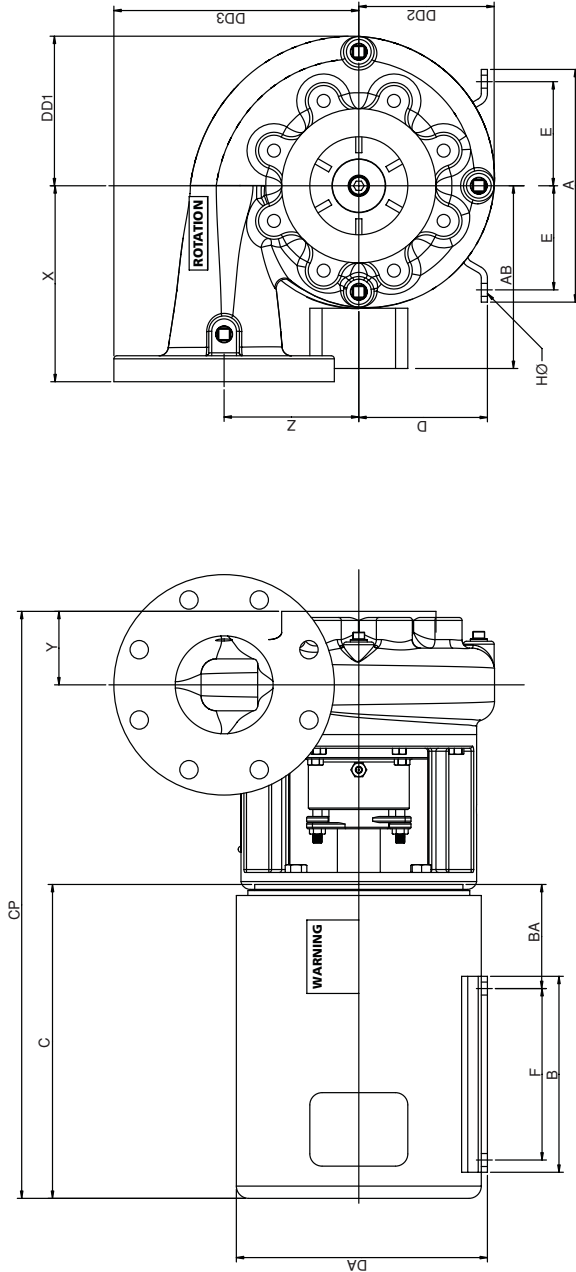
Shaft 10-3009-801



Close Coupled Dimensional Drawings 7.5" Diameter Series

PAGE: CP-1300

DATE: Feb 5, 2007



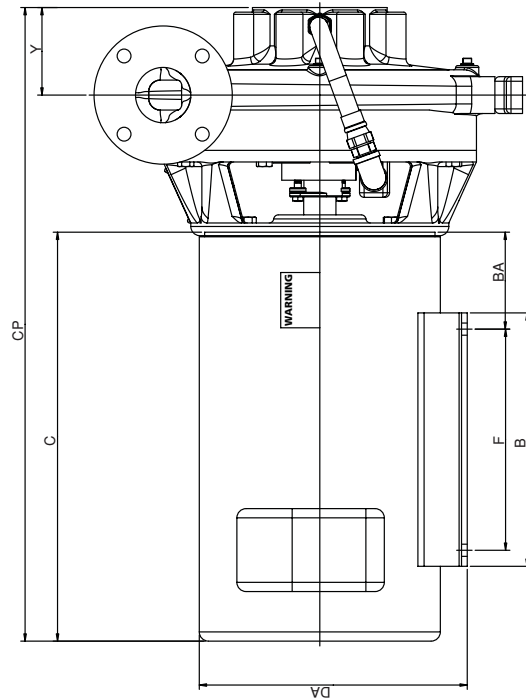
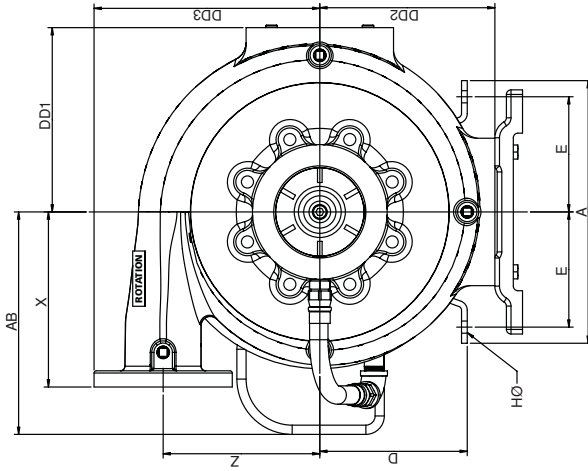
Model	HP	RPM	Suction	Disch.	Frame	A	B	C	D	E	F	H	CP	X	Y	Z	DD1	DD2	DD3	AB	BA	DA
HC 3X15-75	3	3600	3	1.5	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6	2.89	4.38	4.94	4.81	6.88	6.75	4.5	9.19
	5	3600	3	1.5	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6	2.89	4.38	4.94	4.81	6.88	6.75	4.5	9.19
	7.5	3600	3	1.5	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6	2.89	4.38	4.94	4.81	6.88	6.75	4.5	9.19
	10	3600	3	1.5	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6	2.89	4.38	4.94	4.81	6.88	6.75	4.5	10.03
HC 3X25-75	3	3600	3	2	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6.25	2.75	4.5	5.06	4.81	7.5	7.46	4.5	9.19
	5	3600	3	2	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6.25	2.75	4.5	5.06	4.81	7.5	7.46	4.5	9.19
	7.5	3600	3	2	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6.25	2.75	4.5	5.06	4.81	7.5	7.46	4.5	9.19
	10	3600	3	2	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.5	6.25	2.75	4.5	5.06	4.81	7.5	7.46	4.5	10.03
HC 4X25-75	15	3600	3	2	213JP	9.5	8	15.56	5.25	4.25	7	0.41	26.25	6.25	2.75	4.5	5.06	4.81	7.5	7.46	4.5	10.03
	7.5	3600	4	2.5	213*	9.5	8	12.81	5.25	4.25	5.5	0.41	23.78	6.5	3	4.75	5.63	5.19	8.25	7.46	4.5	9.19
	10	3600	4	2.5	213JP	9.5	8	12.81	5.25	4.25	5.5	0.41	23.78	6.5	3	4.75	5.63	5.19	8.25	7.46	4.5	10.03
	15	3600	4	2.5	215JP	9.5	8	15.56	5.25	4.25	7	0.41	26.53	6.5	3	4.75	5.63	5.19	8.25	7.46	4.5	10.03
HC 4X3-75	20	3600	4	2.5	254JP	11.25	9.5	17.93	6.25	5	8.25	0.53	28.9	6.5	3	4.75	5.63	5.19	8.25	8.93	5	12
	25	3600	4	2.5	256JP	11.25	11.25	17.93	6.25	5	10	0.53	28.9	6.5	3	4.75	5.63	5.19	8.25	8.93	5	12
	7.5	3600	4	3	213*	9.5	8	12.81	6.25	4.25	5.5	0.41	23.81	7	3	5	5.81	5.31	8.75	6.75	4.5	9.19
	10	3600	4	3	213JP	9.5	8	12.81	6.25	4.25	5.5	0.41	23.81	7	3	5	5.81	5.31	8.75	7.46	4.5	10.03
HC 4X4-75	15	3600	4	3	215JP	9.5	8	15.56	6.25	4.25	7	0.41	26.56	7	3	5	5.81	5.31	8.75	7.46	4.5	10.03
	20	3600	4	3	254JP	11.25	9.5	17.93	6.25	5	8.25	0.53	28.93	7	3	5	5.81	5.31	8.75	8.93	5	12
	25	3600	4	3	256JP	11.25	11.25	17.93	6.25	5	10	0.53	28.93	7	3	5	5.81	5.31	8.75	8.93	5	12
	30	3600	4	3	284JP	11.25	10.75	19.81	6.25	5	9.5	0.53	30.81	7	3	5	5.81	5.31	8.75	12.21	5	13.96
HC 4X4-75	15	3600	4	4	215JP	9.5	8	15.56	5.25	4.25	7	0.41	26.72	8	3	5.5	6.09	5.53	10	7.46	4.5	10.03
	20	3600	4	4	254JP	11.25	9.5	17.93	6.25	5	8.25	0.53	29.09	8	3	5.5	6.09	5.53	10	8.93	5	12
	25	3600	4	4	256JP	11.25	11.25	17.93	6.25	5	10	0.53	29.09	8	3	5.5	6.09	5.53	10	8.93	5	12
	30	3600	4	4	284JP	12.25	10.75	19.81	7	5.5	9.5	0.53	30.97	8	3	5.5	6.09	5.53	10	12.21	5	13.96
HC 5X4-75	40	3600	4	4	286JP	12.25	12.25	19.81	7	5.5	11	0.53	30.97	8	3	5.5	6.09	5.53	10	12.21	5	13.96
	20	3600	4	4	324JP	14.25	13.75	21.19	8	6.25	10.5	0.66	32.35	8	3	5.5	6.09	5.53	10	12.21	5.5	14.59
	25	3600	5	4	256JP	11.25	11.25	17.93	6.25	5	10	0.53	29.52	8	3	5.5	6.5	5.91	10	8.93	5	12
	30	3600	5	4	284JP	12.25	10.75	19.81	7	5.5	9.5	0.53	31.4	8	3.25	5.5	6.5	5.91	10	12.21	5	13.96
HC 5X4-75	40	3600	5	4	286JP	12.25	12.25	19.81	7	5.5	11	0.53	31.4	8	3.25	5.5	6.5	5.91	10	12.21	5	13.96
	50	3600	5	4	324JP	15.25	13.75	21.19	8	6.25	10.5	0.66	32.78	8	3.25	5.5	6.5	5.91	10	12.21	5.5	14.59
	50	3600	5	4	324JP	15.25	13.75	21.19	8	6.25	10.5	0.66	32.78	8	3.25	5.5	6.5	5.91	10	12.21	5.5	14.59
	60	3600	5	4	326*	14.25	13.75	21.19	8	6.25	12	0.66	32.78	8	3.25	5.5	6.5	5.91	10	13.22	5.5	15.59

Note: Dimensions are for estimating purposes only. Certified dimension drawings are available on request.

Close Coupled Dimensional Drawings 14" Diameter Series

PAGE: CP-1310

DATE: Feb 5, 2007



Model	HP	RPM	Suction	Disch.	Frame	A	B	C	D	E	F	H	CP	X	Y	Z	DD1	DD2	DD3	AB	BA	DA
HC 5x3-14	20	1800	5	3	256JP	11.25	10.75	18.32	6.25	5	10	0.53	30.51	9.5	4.75	8.5	10	9.5	12.25	8.93	5	12
	25	1800	5	3	284JP	12.25	12.25	19.81	7	5.5	9.5	0.53	32	9.5	4.75	8.5	10	9.5	12.25	12.21	5	13.96
	30	1800	5	3	286JP	12.25	12.25	21.31	7	5.5	11	0.53	33.5	9.5	4.75	8.5	10	9.5	12.25	12.21	5	13.96
HC 6x4-13	40	1800	5	3	324JP	14.25	13.75	21.19	8	6.25	10.5	0.66	33.38	9.5	4.75	8.5	10	9.5	12.25	12.21	5.5	14.59
	30	1800	6	4	286JP	12.25	12.25	21.31	7	5.5	11	0.53	34.99	11	6	8	9.38	8.88	12.5	12.21	5	13.96
	40	1800	6	4	324JP	14.25	13.75	21.19	8	6.25	10.5	0.66	34.87	11	6	8	9.38	8.88	12.5	12.21	5.5	14.59
HC 6x6-14	50	1800	6	4	326JP	14.25	13.75	22.19	8	6.25	12	0.66	35.87	11	6	8	9.38	8.88	12.5	12.21	5.5	15.59
	60	1800	6	4	364*	15.75	14	22.31	9	7	11.25	0.66	35.99	11	6	8	9.38	8.88	12.5	13.2	6.12	16.59
	40	1800	6	6	324JP	14.25	13.75	21.19	8	6.25	10.5	0.66	34.94	10.5	5.19	9.5	12	11	15	12	5.5	14.59
HC 6x6-14	50	1800	6	6	326JP	14.25	13.75	22.19	8	6.25	12	0.66	35.94	10.5	5.19	9.5	12	11	15	12.21	5.5	14.59
	60	1800	6	6	364*	15.75	14	22.31	9	7	11.25	0.66	36.06	10.5	5.19	9.5	12	11	15	13.2	6.12	16.59
	75	1800	6	6	365*	15.75	14	24.31	9	7	12.25	0.66	38.06	10.5	5.19	9.5	12	11	15	13.22	6.12	16.59
HC 8x6-14	100	1800	6	6	404*	18.5	16.62	25.85	10	8	12.25	0.81	39.6	10.5	5.19	9.5	12	11	15	16.39	6.88	18.41
	20	1200	8	6	296*	12.25	12	21.31	7	5.5	11	0.53	35.78	9.56	6.38	4.81	13.37	12	7.22	12.21	5	103.96
	25	1200	8	6	324*	14.25	25	21.19	8	6.25	10.5	0.66	35.66	9.56	6.38	4.81	13.37	12	7.22	12.21	5.5	14.59
HC 8x6-14	30	1200	8	6	326*	14.25	13.75	22.19	8	6.25	12	0.66	36.66	9.56	6.38	4.81	13.37	12	7.22	12.21	5.5	14.59
	40	1200	8	6	364*	15.75	14	22.31	9	7	11.25	0.66	36.78	9.56	6.38	4.81	13.37	12	7.22	13.2	6.12	16.59
	75	1800	8	6	365*	15.75	14	24.31	9	7	12.25	0.66	38.78	9.56	6.38	4.81	13.37	12	7.22	13.22	6.12	16.59
HC 10x10-14	100	1800	8	6	404*	18.5	16.62	25.85	10	8	12.25	0.81	40.32	9.56	6.38	4.81	13.37	12	7.22	16.39	6.88	18.41
	125	1800	8	6	444*	22	17	27.1	11	9	14.5	0.81	41.57	9.56	6.38	4.81	13.37	12	7.22	19.88	7.75	21.88
	150	1800	8	6	445*	22	19	31.38	11	9	16.5	0.81	45.85	9.56	6.38	4.81	13.37	12	7.22	19.88	7.75	21.88
HC 10x10-14	25	1200	10	10	324*	14.25	13.75	21.19	8	6.25	10.5	0.66	36.07	12	6.25	12	16.25	13.5	20	12.21	5.5	14.59
	40	1200	10	10	364*	15.75	14	22.31	9	7	11.25	0.66	37.19	12	6.25	12	16.25	13.5	20	13.2	6.12	16.59
	50	1200	10	10	365*	15.75	14	24.31	9	7	12.25	0.66	39.19	12	6.25	12	16.25	13.5	20	13.22	6.12	16.59
HC 10x10-14	60	1200	10	10	404*	18.5	16.62	25.85	10	8	12.25	0.81	40.73	12	6.25	12	16.25	13.5	20	16.39	6.88	18.41
	100	1800	10	10	404*	18.5	16.62	25.85	10	8	12.25	0.81	40.73	12	6.25	12	16.25	13.5	20	16.39	6.88	18.41
	125	1800	10	10	405TCZ	22	17	27.1	11	9	14.5	0.81	41.98	12	6.25	12	16.25	13.5	20	19.88	7.75	21.88
HC 10x10-14	150	1800	10	10	444TCZ	22	19	31.38	11	9	16.5	0.81	46.26	12	6.25	12	16.25	13.5	20	19.88	7.75	21.88
	200	1800	10	10	445TCZ	21.5	19.5	31.38	11	9	16.5	0.81	46.26	12	6.25	12	16.25	13.5	20	19.06	7.5	22.18

Note: Dimensions are for estimating purposes only. Certified dimension drawings are available on request.

Bearing Frame Dimensional Drawings All Series (7.5", 10" & 14" Diameter)

PAGE: CP-1315

DATE: Feb 5, 2007

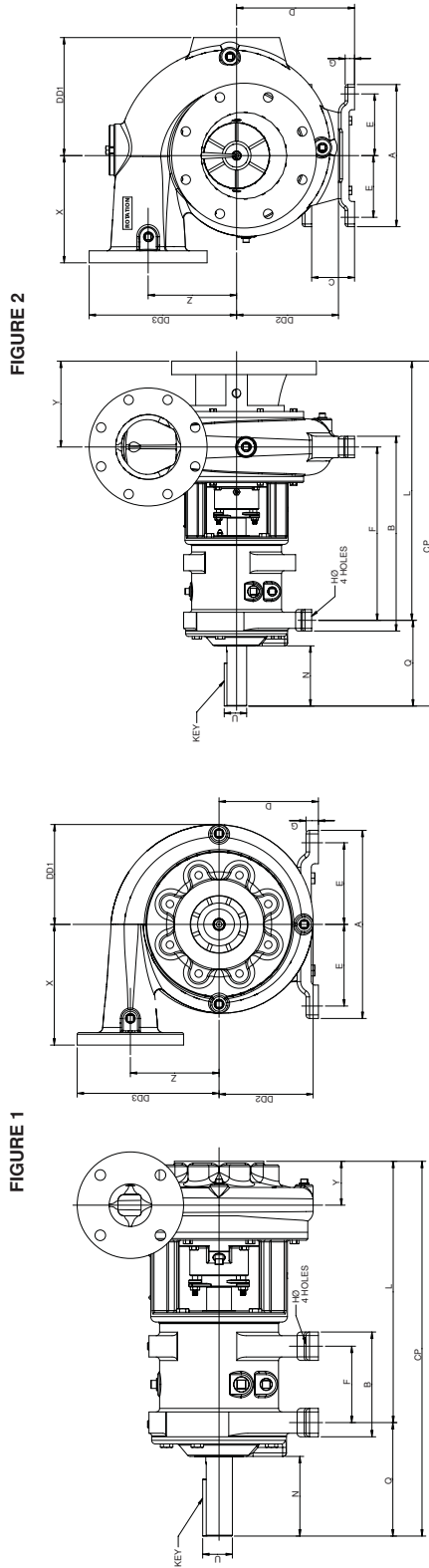


FIGURE 1

FIGURE 2

Model	Figure	Suction	Disch.	A	B	D	E	F	G	H	L	N	O	U	X	Y	Z	CP	DD1	DD2	DD3	KEY
HC 3X15-75	1	3	1.5	13.25	7.375	7.00	5.75	5.375	.75	.6875	17.96	5.62	8.00	1.875	6	2.89	4.38	25.96	4.94	4.81	6.88	.50
HC 3X2-75	1	3	2	13.25	7.375	7.00	5.75	5.375	.75	.6875	17.96	5.62	8.00	1.875	6	2.75	4.5	25.96	5.06	4.81	7.5	.50
HC 4X25-75	1	4	2.5	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.24	5.62	8.00	1.875	6.5	3	4.75	26.23	5.63	5.19	8.25	.50
HC 4X3-75	1	4	3	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.24	5.62	8.00	1.875	7	3	5	26.23	5.81	5.31	8.75	.50
HC 4X4-75	1	4	4	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.24	5.62	8.00	1.875	8	3	5.5	26.23	6.09	5.53	10	.50
HC 5X4-75	1	5	4	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.49	5.62	8.00	1.875	8	3.25	5.5	26.48	6.5	5.91	10	.50
HC 3X2-10	1	3	2	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.24	5.62	8.00	1.875	7.5	3	5.75	26.24	6.34	6.25	8.75	.50
HC 4X25-10	1	4	2.5	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.27	5.62	8.00	1.875	8	3.03	7	26.26	6.78	6.47	9.5	.50
HC 4X3-10	1	4	3	13.25	7.375	7.00	5.75	5.375	.75	.6875	18.33	5.62	8.00	1.875	8.5	3.09	6.25	26.32	7.03	6.63	10	.50
HC 6X4-10	1	6	4	13.25	7.375	7.00	5.75	5.375	.75	.6875	19.49	5.62	8.00	1.875	9.5	4.25	6.5	27.48	7.38	6.84	11	.50
HC 8X6-10	2	8	6	13.25	7.375	7.00	5.75	5.375	.75	.6875	17.99	5.62	8.00	1.875	10	2.75	8.25	32.14	11	8.85	13.75	.50
HC 8X6-95	2	8	6	13.25	7.375	7.00	5.75	5.375	.75	.6875	17.99	5.62	8.00	1.875	10	2.75	8.25	32.14	11	8.85	13.75	.50
HC 6X4-13	2	6	4	13.25	10.6875	7.00	5.75	8.6875	.75	.6875	21.24	5.62	8.00	2.5	11	6	8	35.49	9.38	8.88	12.5	.625
HC 5X3-14	2	5	3	13.25	10.6875	7.00	5.75	8.6875	.75	.6875	19.99	5.62	8.00	2.5	9.5	4.75	8.5	34.14	10	9.5	12.25	.625
HC 6X6-14	2	6	6	13.25	10.6875	7.00	5.75	8.6875	.75	.6875	20.43	5.62	8.00	2.5	10.5	5.19	9.5	34.58	12	11	15	.625
HC 8X6-14	2	8	6	13.25	10.6875	7.00	5.75	8.6875	.75	.6875	21.62	5.62	8.00	2.5	9.56	6.38	4.81	35.77	13.37	12	7.22	.625
HC 10X10-14	2	10	10	13.25	10.6875	7.00	5.75	8.6875	.75	.6875	21.49	5.62	8.00	2.5	12	6.25	12	35.64	16.25	13.5	20	.625

Note: Dimensions are for estimating purposes only. Certified dimension drawings are available on request.

SAE Dimensional Drawings All Models (10" & 14" Diameter)

PAGE: CP-1320

DATE: Feb 5, 2007

FIGURE 1

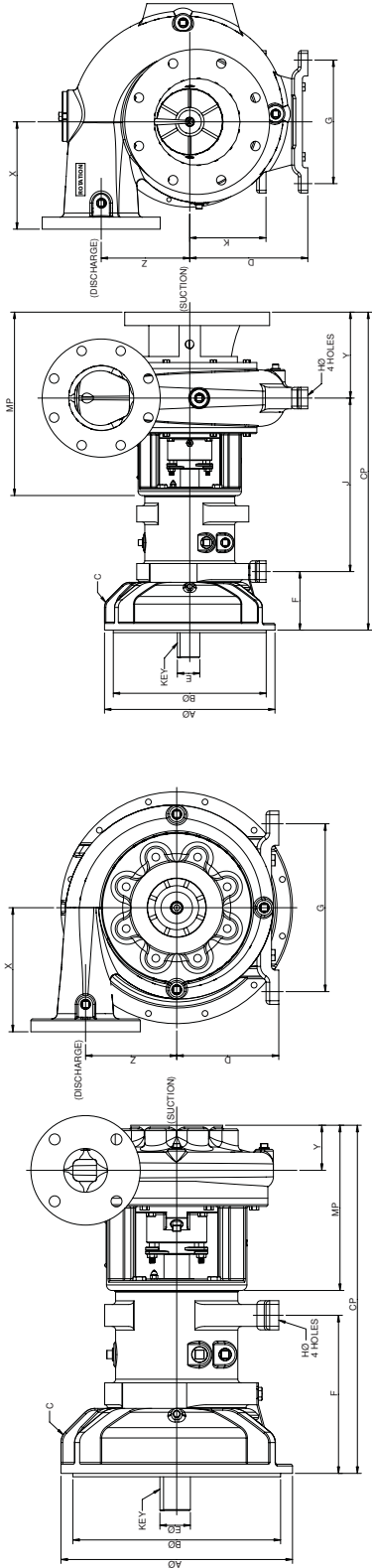
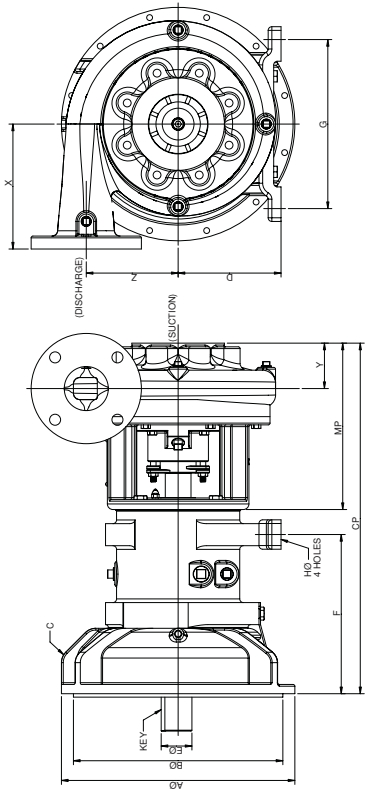


FIGURE 2



Model	Figure	Suction	Disch.	X	Y	MP	Z	SAE #	B.C.	# Holes	Size	A	B	H	F	D	CP	E	G	KEY
HC 3x2-10	1	3	2	7.5	3	11.23	5.75	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	23.76	1.875	11.5	.50
HC 3x2-10	1	3	2	7.5	3	11.23	5.75	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	24.31	1.875	11.5	.50
HC 3x2-10	1	3	2	7.5	3	11.23	5.75	5	13.12	8	0.397	14	12.373	0.6875	10.83	7.00	23.76	1.875	11.5	.50
HC 4x2.5-10	1	4	2.5	8	3.03	11.26	7	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	23.79	1.875	11.5	.50
HC 4x2.5-10	1	4	2.5	8	3.03	11.26	7	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	24.34	1.875	11.5	.50
HC 4x2.5-10	1	4	2.5	8	3.03	11.26	7	5	13.12	8	0.397	14	12.373	0.6875	10.83	7.00	23.79	1.875	11.5	.50
HC 4x3-10	1	4	3	8.5	3.09	11.32	6.25	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	23.85	1.875	11.5	.50
HC 4x3-10	1	4	3	8.5	3.09	11.32	6.25	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	24.4	1.875	11.5	.50
HC 4x3-10	1	4	3	8.5	3.09	11.32	6.25	5	13.12	8	0.397	14	12.373	0.6875	10.83	7.00	23.85	1.875	11.5	.50
HC 4x4-10	1	4	3	8.5	3.09	11.32	6.25	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	25.01	1.875	11.5	.50
HC 4x4-10	1	4	3	8.5	3.09	11.32	6.25	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	25.56	1.875	11.5	.50
HC 4x4-10	1	4	3	8.5	3.09	11.32	6.25	5	13.12	8	0.397	14	12.373	0.6875	10.83	7.00	25.01	1.875	11.5	.50
HC 5x6-10	2	8	6	10	2.75	10.98	8.25	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	29.05	1.875	11.5	.50
HC 5x6-10	2	8	6	10	2.75	10.98	8.25	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	29.05	1.875	11.5	.50
HC 5x6-10	2	8	6	10	2.75	10.98	8.25	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	29.6	1.875	11.5	.50
HC 5x6-95	2	8	6	10	2.75	10.98	8.25	1	20.875	12	0.469	21.75	21.125	0.6875	10.83	7.00	29.05	1.875	11.5	.50
HC 5x6-95	2	8	6	10	2.75	10.98	8.25	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	29.05	1.875	11.5	.50
HC 5x6-95	2	8	6	10	2.75	10.98	8.25	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	29.6	1.875	11.5	.50
HC 6x4-13	2	6	4	11	6	14.23	8	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	32.85	2.5	11.5	.625
HC 6x4-13	2	6	4	11	6	14.23	8	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	32.85	2.5	11.5	.625
HC 6x4-13	2	6	4	11	6	14.23	8	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	33.4	2.5	11.5	.625
HC 5x3-14	2	5	3	9.5	4.75	12.98	8.5	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	31.6	2.5	11.5	.625
HC 5x3-14	2	5	3	9.5	4.75	12.98	8.5	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	31.6	2.5	11.5	.625
HC 5x3-14	2	5	3	9.5	4.75	12.98	8.5	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	32.15	2.5	11.5	.625
HC 6x6-14	2	6	6	10.5	5.19	13.42	9.5	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	31.16	2.5	11.5	.625
HC 6x6-14	2	6	6	10.5	5.19	13.42	9.5	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	31.16	2.5	11.5	.625
HC 6x6-14	2	6	6	10.5	5.19	13.42	9.5	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	31.71	2.5	11.5	.625
HC 8x6-14	2	8	6	9.56	6.38	14.61	4.81	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	32.36	2.5	11.5	.625
HC 8x6-14	2	8	6	9.56	6.38	14.61	4.81	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	32.36	2.5	11.5	.625
HC 8x6-14	2	8	6	9.56	6.38	14.61	4.81	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	32.91	2.5	11.5	.625
HC 10x10-14	2	10	10	12	6.25	14.48	12	1	20.875	12	0.469	21.75	20.125	0.6875	10.83	7.00	32.23	2.5	11.5	.625
HC 10x10-14	2	10	10	12	6.25	14.48	12	3	16.875	12	0.397	17.75	16.123	0.6875	10.83	7.00	32.23	2.5	11.5	.625
HC 10x10-14	2	10	10	12	6.25	14.48	12	4	15	12	0.397	15.88	14.248	0.6875	11.38	7.00	32.78	2.5	11.5	.625

Note: Dimensions are for estimating purposes only. Certified dimension drawings are available on request.

Service Parts Kits

Ordering Information by Pump Model & Size

PAGE: RP-100

DATE: June 5, 2006

DDD Repair Kits

Includes impeller, square ring, mechanical seal, wear-ring, and fasteners

Description	Part Number	Repair Models
Impeller Kit	05388608K	5DD1
	05388707K	7DD1
	05388806K	1DD1
	05388905K	15DD1
	05389002K	2DD1
	05389101K	25DD1
Fastener Kit	14443402K	Repairs all DDD models
Seal, O-ring Kit	24017345	Includes Mechanical Seal & O-ring

DA1A & DA1B Repair Kits

Includes impeller, mechanical seal, & o-ring

Description	Part Number	Repair Models
Impeller Kit	05394606K	3DA1A
	05394705K	5DA1A
	05394903K	7DA1A
	05394804K	DA1A
	05394101K	7DA1B & 1DA1B
	05394200K	15DA1B
	05394309K	2DA1B
Fastener	14443303K	DA1A, DA1B, RM2,RP2, RP3,HJM1, & HJM2
Seal, O-Ring Kit	24017352	Includes Mechanical Seal & O-Ring

DB1 & DB1-1/2 Repair Kits

Includes impeller, mechanical seal, impeller jam nut, and o-ring

Description	Part Number	Repair Models
Impeller Kit	05371109K	7DB1
	05163209K	1DB1
	05163803K	15DB1
	05164306K	2DB1
	05165303K	3DB1
Fastener Kit	14443501K	DB1-1/2, DB2, DC1-1/2
Seal Sleeve Kit	24017279	Includes all o-rings & imp.
Fasteners		See Parts Page for details.
Seal, O-Ring Kit	24017352	Includes Mech. Seal & O-ring

Service Parts Kits

Ordering Information by Pump Model & Size

DB2 Repair Kits		
Includes Impeller, Mechanical Seal, Impeller Jam-Nut and O-Ring		
Description	Part Number	Repair Models
Impeller Kit	05152103K	15DB2
	05152004K	2DB2
	05169503K	3DB2
Fastener Kit	14443501K	DB2, DB1-1/2, DC1-1/2
Seal Sleeve Kit	24017279	Includes O-rings & impeller fasteners (See parts pages.)
Seal, O-ring Kit	24017378	Includes all O-Rings and mechanical seals for 20DB2
	24017352	Includes mechanical seals and O-Rings for 3/4 - 3 HP
DC1-1/2 Repair Kits		
Fastener Kit	14443501K	DC1-1/2, DB2, DB1-1/2
Seal Sleeve Kit	24017279	Includes O-Rings and impeller fasteners (See parts pages)
DB3 Repair Kits		
Fastener Kit	14443600K	Repairs all DB3 models
Seal Sleeve Kit	24017279	Includes O-Rings & impeller fasteners for 5HP thru 15HP
Seal Sleeve Kit	24017295	Includes O-Rings & impeller fasteners for 20HP
Seal O-Ring Kit	24017360	Includes mechanical seal & O-Rings for 5HP thru 15HP
Seal O-ring	24017378	Mechanical seal & O-Ring for 20HP
DC4 Repair Kits		
Fastener Kit	14443709K	Repairs all DC4
Seal Sleeve Kit	24017295	O-Rings & imp. fasteners for 20HP-50HP
Seal O-Ring Kit	24017378	Mech. seal, square & o-rings for 20HP thru 50HP
JM-8M-10M Repair Kits		
Fastener Kit	14443808K	Repairs all JM, 8M, 10M
Seal Gasket Kit	24017386	Mechanical Seal and gaskets
Chk Valve Assy Kit	16030900R	Housing, gasket, flapper, & fasteners
HJM1 – HJM2 Repair Kits		
Includes Impeller, Diffuser, Mechanical Seal, Wear-Ring, O-Ring, and Fasteners		
Impeller Kit	05077615RKIT	HJM1 & 2 Plastic 1HP Unit
	24017303	1HJM1Brz. 1HP full rate 1.5HP uprate
	24017311	1.5HJM1Brz. 1.5HP full rate 2HP uprate
	24017329	2HJM1Brz. 2HP full rate 2.5HP uprate
	05273800RKIT	1HJM1 & 2 plastic 1 HP full rate 1.5HP uprate
	05272703RKIT	1.5HJM1 & 2 plastic 1.5HP full rate 2HP uprate
	05326707RKIT	2HJM1 & 2 Brz. 2HP full rate 2.5HP uprate
Fastener Kit	14443303K	Repairs all HJM1 – HJM2



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Service Parts Kits

Ordering Information by Pump Model & Size

PAGE: RP-105

DATE: June 5, 2006

CY-CCY & SWJ Repair Kits		
Includes impeller, diffuser, wear ring, mechanical seal, o-ring & disc		
Description	Part Number	Repair Models
Impeller Kit	05380037RKIT	S5CY – S5CCY
	05392204RKIT	5CY – S7CY – 5CCY – S7CCY – 5SWJ
	05392303RKIT	7CY – S1CY – 7CCY – S1CCY – 7SWJ
Fastener Kit	14443204K	Cyclone, Deep, SRP3, CWJ, SWJ

RP2 Repair Kits		
Includes impeller, diffuser, wear ring, mechanical seal, & square ring		
Description	Part Number	Repair Models
Impeller Kit	24012106	5RP2
	24012205	7RP2
Fastener	14443303K	RP2, RM2, PRM3, DA1A, DA1B, HJM1, HJM2, CWJ Pro
Seal, Square Ring Kit	24012304	Includes mech. seal & all o-rings and square rings
Impeller Kit	24014508	5RM2, 5CWJ Pro
	24014607	7RM2, 7CWJ Pro
	24014904	1RM2, 1CWJ Pro
	24017246	1PRM3

RM2, CWJ Pro & 7PRM3 Repair Kits		
Impeller Kit, The following kits are for units built prior to 7/96 and will include a 9/16" threaded motor coupling		
Description	Part Number	Repair Models
Impeller Kit	24012403	5RM2, 5CWJ Pro
	24012502	7RM2, 7CWJ Pro
	24012601	1RM2, 1CWJ Pro
Fastener Kit	14443303K	RM2, PRM3, RP2, DA1A, DA1B, HJM1, HJM2, CWJ Pro
Seal, Square Ring Kit	24012700	Includes mech. seal & all o-ring and square rings

Typhoon, TY, TYCI Hydraulic Repair Kits		
Includes impeller, diffuser, wear ring, mechanical seal, square ring, and o-ring.		
Description	Part Number	Repair Models
Impeller Kit	05034103RKIT	7TY, S10TY, 7TYCI
	05034202RKIT	10TY, S15TY, 10TYCI
	05034400RKIT	15TY, S20TY, 15TYCI
	05034001RKIT	20TY, S25TY, 20TYCI

H4 Booster Repair Kits		
Description	Part Number	Repair Models
H4 Component Kit	24017519	Small Parts for all models
Fastener Kit	14443907K	Repairs all H4 Boosters

V6 Booster Repair Kits		
Description	Part Number	Repair Models
Fastener Kit	14444004K	Repairs all V6 Boosters



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklinpumps.com

4" Submersible Parts

Parts for all Models (35-90 GPM)

PAGE: RP-106

DATE: Feb 5, 2007

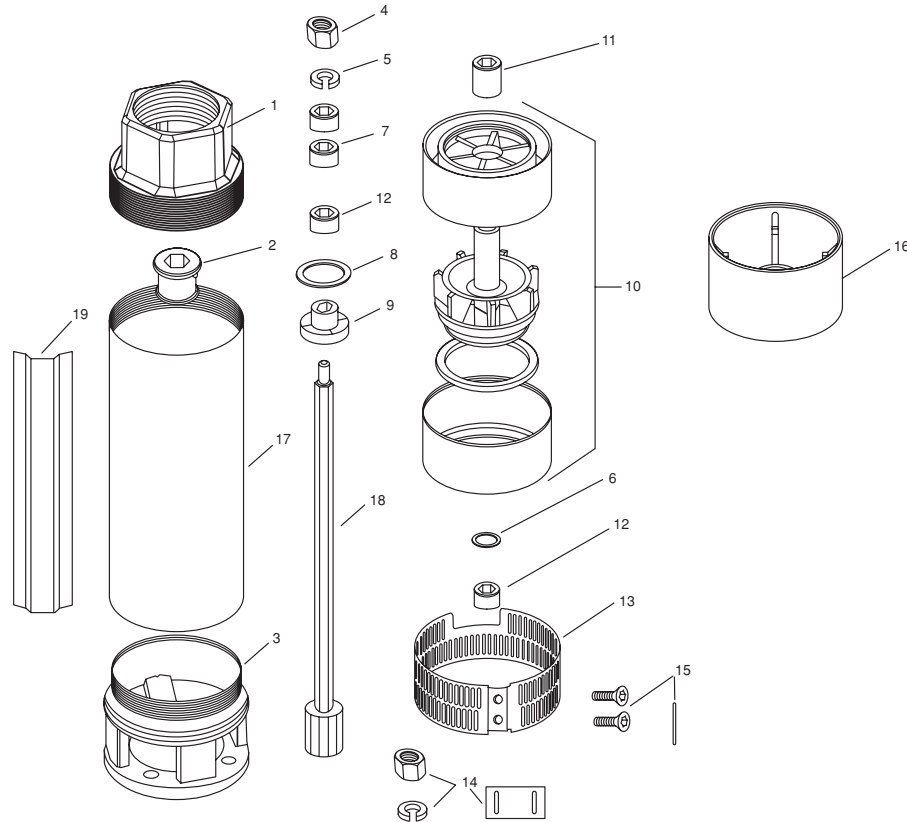


Fig. No.	Part No.	Description
1	03-0905-03-R 04-5340-04-R	2" Stainless Steel Discharge Housing w/ rubber bearing Cast Iron Disch. Housing w/ rubber bearing (prior to 8/01) DISCONTINUED
2	08-2888-05-R	Rubber Bearing
3	02-1707-02-R 02-1134-05-R	Stainless Steel Hi-Cap Bracket Cast Iron Mtr. Bracket (prior to 8/01) DISCONTINUED Stainless Steel replaces
4	14-4347-08-R	Stainless Hex Nut 5/16-24 w/ Nylock
5	14-0756-00-R	Stainless Steel Washer 11/32 D x 5/8 x 1/16
6	14-1249-03-R	Brs. Washer .065 x .050 x .003
7	08-2903-06-R	Hub Sleeve Hex 7/16 x 468 L Ceramic (6 ea. required)
8	14-4223-07-R	Thrust Washer 1-5/16 x .71 x 1/8 (not required on 35 gpm model)
9	08-2893-08-R	Thrust Journal (not required on 35 gpm model)
10	04-5783-08-R 04-5341-03-R 04-5343-01-R 04-5300-02-R	35 gpm Stage Assembly (1 x no. of stages required) 45 gpm Stage Assembly (1 x no. of stages required) 60 gpm Stage Assembly (1 x no. of stages required) 90 gpm Stage Assembly (1 x no. of stages required)
11	08-2506-23-R	Hex Sleeve 7/16 x 1 L (1 x no. of stages required) (45 & 60 gpm models only)
12	08-2960-06-R 08-2506-23-R	Hex Sleeve .460" (2 ea. for 35 gpm & 1 ea. for all other models) Hex Sleeve 7/16 x 1 L (2 required only for models built prior to 8/01)
13	22-5925-05-R 22-0579-05-R	Screen 302 Stainless Steel 1.50 x 12 for 35 thru 90 gpm Screen (units built prior to 8/01)
14	14-3914-03-R	Fastener Kit (4 ea. per kit) with #22569404 lead protector
15	14-4412-08-R	Fastener Kit 8/32 x 1/4 MS Hex Wash. 410 Stainless Steel (2 ea. per kit)
16	08-2961-05-R	Bearing Support Stage w/ bearing 35 gpm thru 90 gpm models
17		Not Available
18	Shaft Assembly	Consult Factory for size and availability
19	Cable shield	Consult Factory for size and availability



Franklin Electric

400 East Spring Street, Bluffton, IN 46714

Tel: 260.824.2900 Fax: 260.824.2909

www.franklin-electric.com

6" Submersible Parts

Parts for all Models (60-75 GPM)

PAGE: RP-110
DATE: June 5, 2006

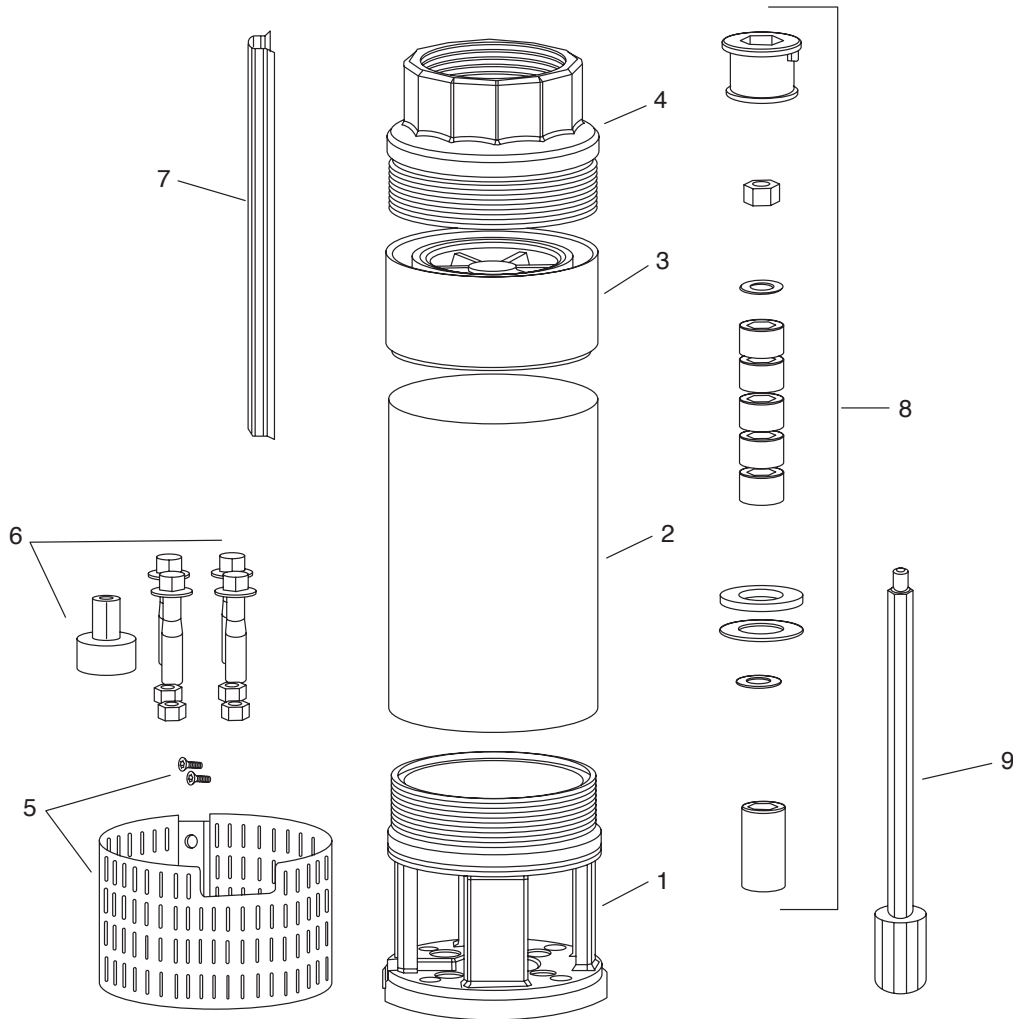


Figure No.	Part No.	Description
1	02-1708-01-R	S.S. Bracket (All HP's)
2	Shell	Consult Factory for Size and Availability
3	04-5648-03	50 GPM Stage assembly for 1.5 & 2HP
	04-5647-04	50 GPM Stage assembly for 3, 5, 7.5, & 10HP
	04-5649-02	75 GPM Stage assembly for 3 & 5HP
	04-5650-08	75 GPM Stage assembly for 7.5, 10, 15 & 20HP
4	04-5820-03-R	S.S. Discharge (3" NPT)
5	22-5957-08-R	S.S. Screen with Machine Screws (2 each)
6	14-4421-07	4" & 6" Motor Fastener Kit
7	Cable Shield	Consult Factory for Size and Availability
8	04-5848-01-R	Bearing and Spacers Repair Kit
9	Shaft	Consult Factory for Size and Availability



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DDD & DDS Parts for Centrifugal Pumps

PAGE: RP-115
DATE: June 5, 2006

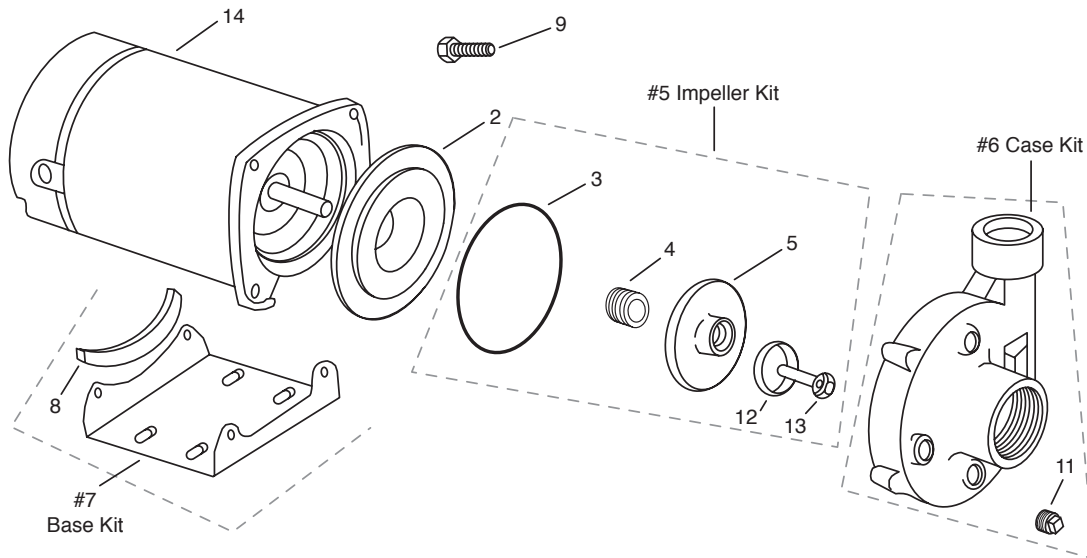


Figure No.	Part No. C.I.	Part No. S.S.	Description
2	11-1498-04-R		Seal Plate Cast Iron #11293 for DDD, RCFC
		11-0063-01-R	Seal Plate Stainless Steel for DDS
3	47-0258-53-02PK	47-0258-53-02PK	Square-Ring Kit 6 x 1/8 x 1/8 (2 per kit)
4	10-0002-06		Mechanical Seal 5/8 for DDD, RCFC Models
		10-1436-18	Mechanical Seal 5/8 Viton for DDS Models
All Impeller Kits include; Impeller, Sq.-Ring, Mech. Seal, Wear-Ring and fasteners Fig No's 3,4,5,12,13			
5	05-3886-08-K	05-3886-16-K	1/2 HP Impeller Kit 4.605 dia. #11375
	05-3887-07-K	05-3887-15-K	3/4 HP Impeller Kit 5.0 dia. #11376
	05-3888-06-K	05-3888-14-K	1 HP Impeller Kit 5.25 dia. #11377
	05-3889-05-K	05-3889-13-K	1.5 HP Impeller Kit 5.315 dia. #11378
	05-3890-02-K		2 HP Impeller Kit 5.65 dia. #11338
05-3891-01-K		2.5 HP Impeller Kit 5.95 dia. #11379	
6	03-0850-08-R	03-0850-17-R	Case Assembly Kit #11337 w/ plugs #11 for 1/2HP thru 1/5HP
	03-0851-07-R		Case Assembly Kit #11338 w/ plugs #11 for 2HP
	03-0852-06-R		Case Assembly Kit #11338 w/ plugs #11 for 1/2HP thru 1/5HP
7	12-1057-06-R	12-1057-06-R	Base Assembly Kit w/ motor pad #8 for 48 frame motor
	12-1060-03-K	12-1060-06-K	Base Assembly Kit w/ motor pad #8 for 56 frame motor
9 & 13	14-4434-02-K	14-4434-02-K	*Fastener Kit
11	31-0059-11-06PK	31-0059-11-06PK	Plug Kit 1/4" Galv. (6 per kit)
12	08-0845-19-06PK	08-0845-19-06PK	Wear-Ring Kit (6 per kit)
13	14-4353-09	14-4353-09	Capscrew 1/4-20 x 1-3/16 LG LH Hx. / Wash. for 2HP 3Ph.
	14-4354-08	14-4354-08	Capscrew 1/4-20 x 7/8 LG LH Hx. / Wash. for 1/2 thru 1/5HP 3 Ph.
14	Motor	Motor	See Motor Selection Page

*Fastener Kit #14443402-K includes the following:
 4 each 3/8 - 16 x 1-1/8 PL Hex Capscrews #9
 1 each 1/4 - 20 x 7/8 Hex Wash-Capscrews for 1/2 HP thru 1/5 HP 3PH. #13
 1 each 1/4 - 20 x 1-3/6 Hex Wash-Capscrews for 2HP 3PH. #13



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

Model DA1A & DA1B Parts for Centrifugal Pumps

PAGE: RP-120

DATE: June 5, 2006

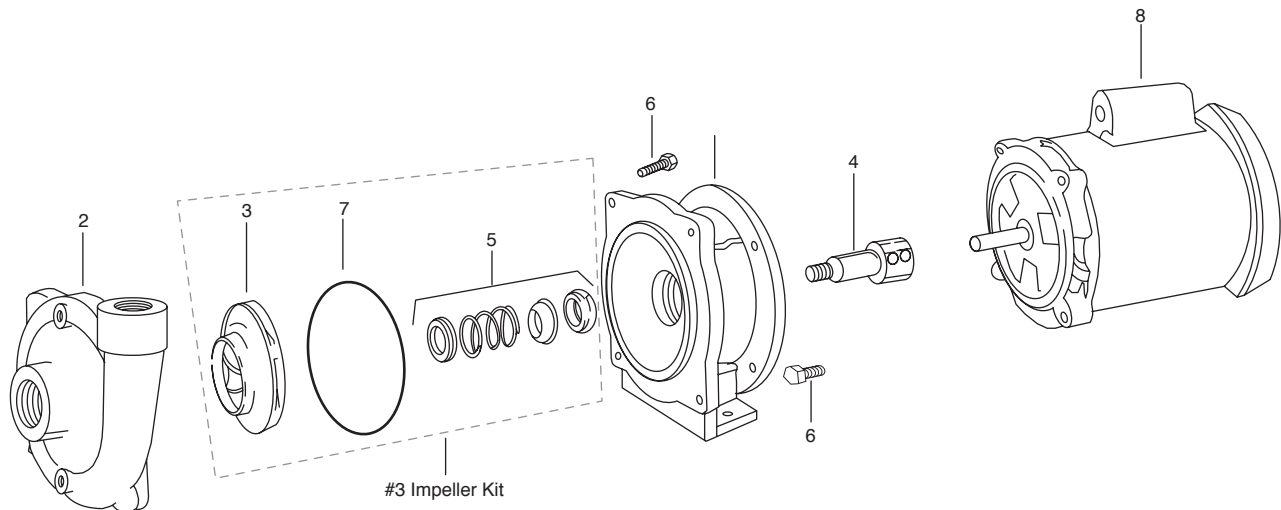


Figure No.	Part No.	Description
1	02-0905-04-R	DA1A Bracket #3220 4-1/2"M x 5-3/16 w/fateners #6
2	03-0763-04-R	DA1A/B, Case assembly #3405 1-1/4 x 1 w/plugs
**Note- When replacing impeller for units built prior to 7/96, you must also replace the 7/16 thrd. Cplg. with the 9/16 threaded coupling #07361009-R001. All Impeller Kits include; impeller, mech. seal & O-ring Fig. No's 3,5 & 7.		
3	**05-3946-06-K	Impeller Kit #2794 @ 3-3/16 w/ 9/16T for 3DA1A
	**05-3947-05-K	Impeller Kit #2794 @ 4-1/8D w/ 9/16T for 5DA1A
	**05-3949-03-K	Impeller Kit #2794 @ 4-11/16D w/ 9/16T for 7DA1A
	**05-3948-04-K	Impeller Kit #2794 @ 5-11/16D w/ 9/16T for 1DA1A
	**05-3941-01-K	Impeller Kit #4607 @ 4-1/4D w/ 9/16T for 7DA1B & 1DA1B
	**05-3942-00-K	Impeller Kit #4607 @ 4-11/16D w/ 9/16T for 1.5DA1B
	**05-3943-09-K	Impeller Kit #4607 @ 5-1/16D w/ 9/16T for 2DA1B
4	**07-2152-05-R001	Coupling w/set screws (for units built prior to 7/96) 7/16 thread
	**07-3610-09-R001	Coupling w/set screws (for units built after 7/96) 9/16 thread
5	10-1203-01	Mechanical Seal 3/4 (also included with impeller kits)
6*	14-4433-03-K	*Fastener Kit
7	47-0161-00-02PK	O-Ring Kit 5-1/2 x 5-11/16 x 3/32 BN (2 ea. per kit)
8	Motor	See Motor Selection Page
Kit	24-0173-52	Seal O-Ring Kit includes: Mech. Seal & O-Ring fig. #'s: 5,7

*Fastener Kit #14443303-K includes the following:
 8 each 3/8-16 x 3/4 PL Hex Capscrews

Model DB1 & DB1-1/2 Parts for Centrifugal Pumps

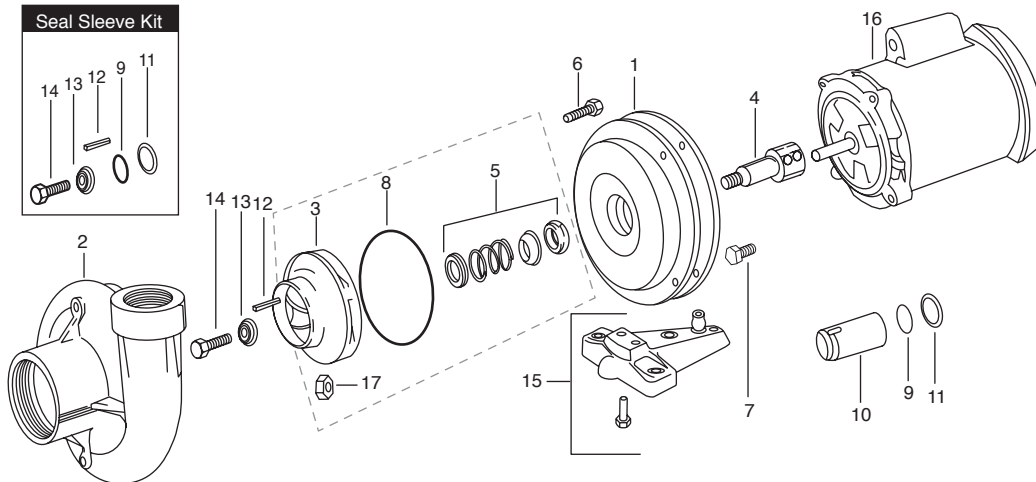


Figure No.	Part No.	Description
1	02-1264-07-R	Bracket Assembly #3299 4-1/2" x 6-1/2" 3/4HP thru 3HP w/base#15
	02-1590-02-R	Bracket Assembly #9319 4-1/2" x 6-1/2", 5HP & 7.5HP
2	03-0764-02-R	Case Assembly #3393 w/plugs for DB1
	03-0767-00-R	Case Assembly #3393 w/plugs for DB1-1/2
All Impeller Kits include: Impeller, Mech. Seal, Jam-Nut, O-Ring Fig. No's 3,5,8,17		
3	05-3711-09-R	Impeller Kit #11239 @ 4-1/4D w/9/16T for 3/4HP DB1
	05-1632-09-R	Impeller Kit #11239 @ 4-3/4D w/9/16T for 1HP DB1
	05-1638-03-R	Impeller Kit #11239 @ 5-3/16D w/9/16T for 1.5HP DB1
	05-1643-06-R	Impeller Kit #11239 @ 5-1/2D w/9/16T for 2HP DB1
	03-1653-03-R	Impeller Kit #11239 @ 6-1/8D w/9/16T for 3HP DB1
	05-1790-23-R	Impeller Kit #3392 @ 6-7/16D w/7/8B for 5HP DB1
	05-3709-03-R	Impeller Kit #3398 @ 3-15/16D w/9/16T for 1HP DB1-1/2
	05-3710-00-R	Impeller Kit #3398 @ 4-5/16D w/9/16T for 1.5HP DB1-1/2
	05-1665-09-R	Impeller Kit #3398 @ 4-11/16D w/9/16T for 2HP DB1-1/2
	05-1673-09-R	Impeller Kit #3398 @ 5-1/8D w/9/16T for 3HP DB1-1/2
	05-1816-23-R	Impeller Kit #3398 @ 5-3/4D w/7/8B for 5HP DB1-1/2
	05-1823-24-R	Impeller Kit #3398 @ 6-7/16D w/7/8B for 7.5HP DB1-1/2
4	07-3610-09-R001	Shaft Coupling 9/16" thrd. w/setscrews for 3/4HP thru 3HP
5	10-1203-01	Mechanical Seal 3/4 for 3/4HP thru 3HP (also is included w/imp. kit)
	10-0369-03	Mechanical Seal 1-1/4" for 5HP thru 7.5HP
6,7,12-14,17	14-4435-01-K	*Fastener Kit
8	47-0165-06-02PK	O-Ring 6-1/2 x 6-11/16 x 3/32 B-N (2 ea. per kit) (also is included w/imp. kit)
9	47-0022-09-02PK	O-Ring Kit for 5HP & 7.5HP (2ea. per kit)
10	08-2872-03-R	Seal Sleeve 1-1/4" x 1" SS for 5HP & 7.5HP
11	13-0384-01-02PK	O-Ring Kit for 1" Sleeve for 5HP & 7.5HP (2ea. per kit)
Sleeve Kit	24-0172-79	Seal Sleeve Kit for 5HP & 7.5HP; includes #'s 8,9,12,13,14
15	12-1036-02-R	Base w/fasteners for 3/4HP thru 3HP
16	Motor	See Motor Selection Page
17	14-4420-08-06PK	Jam Nut Kit 9/16-18 NF SS eff. 1/30/02 for DB1-1/2 2HP & 3HP 3ph (6ea. per kit)
Kit	24-0173-52	Seal/O-Ring Kit for 3/4HP thru 3HP; includes #5 the 3/4" mech. seal & #8

*Fastener Kit #14443501K includes the following:

- 8 each 3/8 - 16 x 3/4 PL. Hex Capscrews
 - 4 each 3/8 - 16 x 1-1/2 PL Hex Capscrews #7 for 5 & 7.5HP 3ph
 - 4 each 1/2 - 13 x 1-1/4 PL Hex Capscrew #7 for 7.5 1ph
- Also included in Kit are #12,13,14, & 17.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model DB2 & DC2 Parts for Centrifugal Pumps

PAGE: RP-125

DATE: June 5, 2006

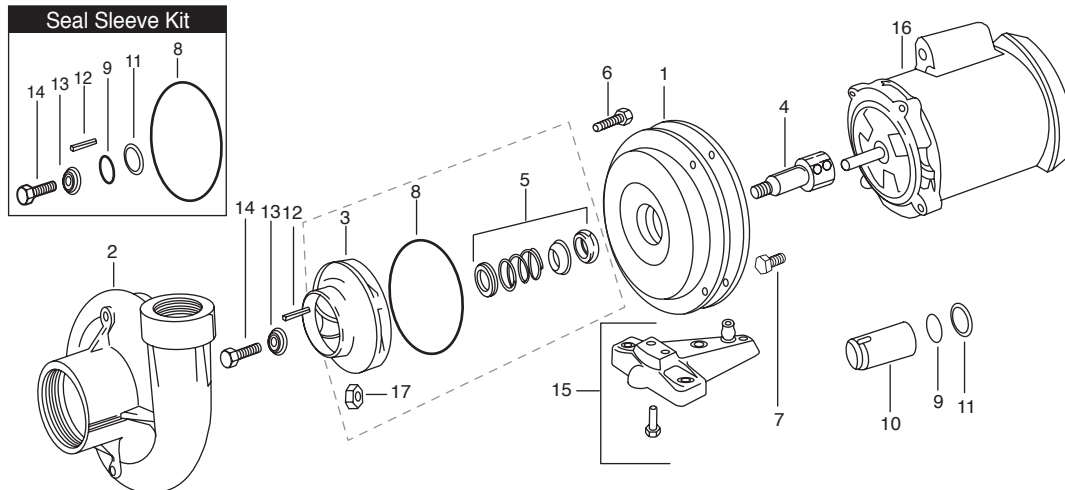


Figure No.	Part No.	Description
1	02-1264-07-R	Bracket #3299 4-1/2 x 6-1/2 1.5-3HP w/#15
	02-1590-02-R	Bracket #9319 4-1/2 x 6-1/2 5-7.5HP
	02-1564-04-R	Bracket #9141 8-1/2 x 6-1/2 10HP
	02-1263-08-R	Bracket #9142 8-1/2 x 9 20HP
	02-1565-03-R	Bracket #9142 8-1/2 x 9C 15HP
2	03-0766-01-R	Case #3294 for 1.5HP thru 10HP
	03-0762-05-R	Case #11235 for 15HP thru 20HP
All Impeller Kits include: Impeller, Mech. Seal, Jam-Nut, & O-Ring. for 1.5-3HP Fig. No's 3,5,8,17		
3	05-1521-03-R	Impeller Kit #3293 @ 3-13/16"D for 1/5HP
	05-1520-04-R	Impeller Kit #3293 @ 4"D for 2HP
	05-1695-03-R	Impeller Kit #3293 @ 4-1/2"D for 3HP
	05-1738-28-R	Impeller Kit #3293 @ 5-1/8"D for 5HP
	05-1749-25-R	Impeller Kit #3293 @ 5-13/16"D for 7.5HP
	05-1759-22-R	Impeller Kit #3293 @ 6-7/16"D for 10HP
	05-3719-19-R	Impeller Kit #3185 @ 7-1/4"D for 15HP
05-3703-17-R	Impeller Kit #3185 @ 7-15/16"D for 20HP	
4	07-3610-09-R001	Shaft Coupling 9/16" thrd. for 1.5HP thru 3HP
5	10-1203-01	Mechanical Seal 3/4" for 1.5HP thru 3HP
	10-0369-03	Mechanical Seal 1-1/4" for 5HP thru 15HP
	10-0370-00	Mechanical Seal 1-3/4" for 20HP
6,7,12-14,17	14-4435-01-K	*Fastener Kit
8	47-0165-06-02PK	O-Ring Kit for 5HP thru 10HP (2 per kit)
	47-0175-04-02PK	O-Ring Kit for 15HP & 20HP (2 per kit)
9	47-0022-09-02PK	O-Ring Kit for 5HP thru 10HP (2 per kit)
	47-0126-04-02PK	O-Ring Kit for 15HP & 20HP (2 per kit)
10	08-2872-03-R	Seal Sleeve 1-1/4" x 1" for 5HP thru 10HP
	08-2909-00-R	Seal Sleeve 1-3/4" x 1-3/8" for 15HP thru 20HP
11	13-0384-01-02PK	O-Ring Kit 5HP thru 10HP (2 per kit)
	13-0385-00-02PK	O-Ring Kit for 15HP thru 20HP (2 per kit)
Sleeve Kit	24-0172-79	Seal Sleeve Kit for 5HP thru 10HP includes fig no's 8,9,11,12,13, & 14
15	12-1036-02-R	Base w/fasteners for 3/4HP thru 3HP
16	Motor	See Motor Selection Page
17	14-4420-08-06PK	Jam Nut Kit 9/16-18 NF SS eff. 2/02 (6 per kit) used on DB2 thru 3HP
Kit	24-0173-52	Seal/O-Ring Kit 3/4-3HP includes #5,8
Kit	24-0173-60	Seal/O-Ring Kit 5-15HP includes #5,8,9,11
Kit	24-0173-78	Seal/O-Ring Kit 20HP includes #5,8,9,11

*Fastener Kit #14443501K includes the following:

8 each 3/8 - 16 x 3/4 PL Hex Capscrews #6

4 each 3/8 - 16 x 1-1/2 PL Hex Capscrews #7 5-7.5HP

4 each 1/2 - 13 x 1-1/4 PL Hex Capscrews #7 7.5HP 1ph

and 10HP - also included in kit are #12,13,14, & 17

Model DC1-1/2 Parts for Centrifugal Pumps

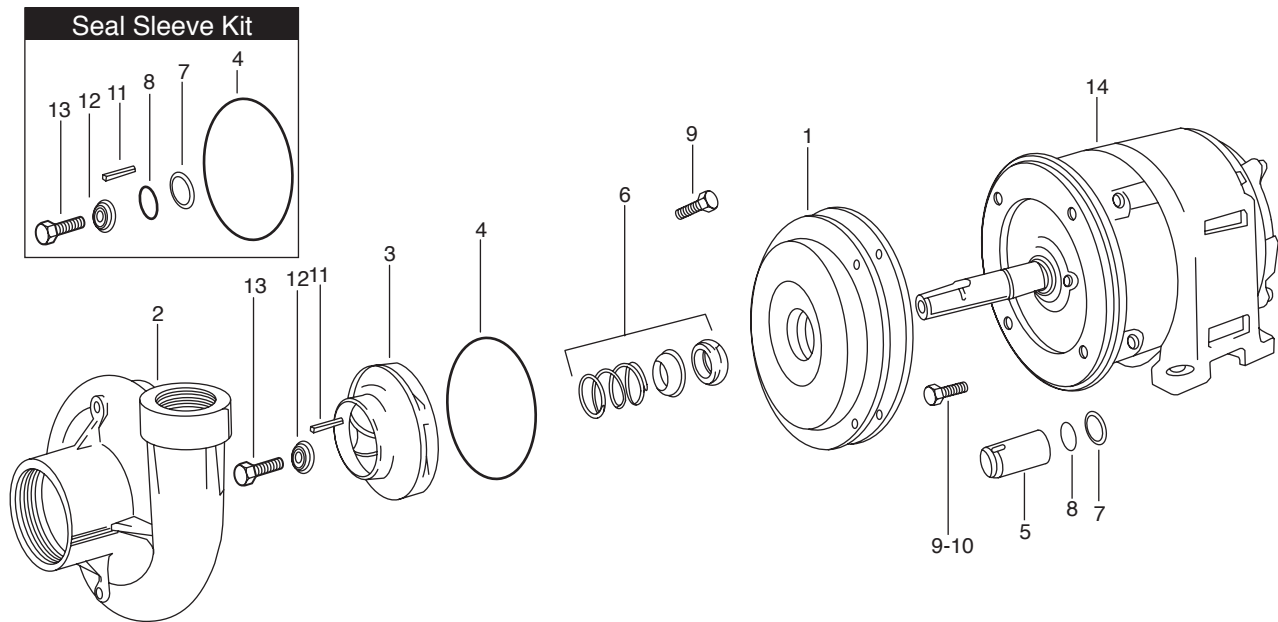


Figure No.	Part No.	Description
1	02-1593-09-R	Bracket #9340 4-1/2" x 9" for 3HP, 5HP, 7.5HP
	02-1565-03-R	Bracket #9142 8-1/2" x 9" for 10HP & 15HP
2	03-0765-02-R	Case Assembly #3272 for DC1-1/2
3	05-3721-07-R	Impeller #11233 @ 5-1/16" dia. 3HP DC1-1/2
	05-3723-05-R	Impeller #11233 @ 5-13/16" dia. 5HP DC1-1/2
	05-3725-03-R	Impeller #11233 @ 6-5/8" dia. 7.5HP DC1-1/2
	05-3714-06-R	Impeller #11233 @ 7-5/16" dia. 10HP DC1-1/2
	05-3702-00-R	Impeller #11233 @ 8-3/8" dia. 15HP DC1-1/2
4	47-0175-04-02PK	O-Ring Kit 9 x 9-3/16 x 3/32 B-N (2 per kit)
5	08-2872-03-R	Seal Sleeve 1-1/4" x 1" SS for 3HP thru 15HP
6	10-0369-03	Mechanical Seal 1-1/4" for 3HP thru 15HP
7	13-0384-01-02PK	O-Ring Kit 1" shft. B-N for 3HP thru 15HP (2 per kit)
8	47-0022-09-02PK	O-Ring Kit 1" x 1-1/8 x 1/16 B-N for 3HP thru 15HP (2 per kit)
9 thru 13	14-4435-01-K	*Fastener Kit
Sleeve Kit	24-0172-79	Seal Sleeve Kit for 3HP thru 15HP includes #'s 4,7,8,11,12, & 13
14	Motor	See Motor Selection Page
Kit	24-0173-60	Mechanical Seal - O-Ring Kit for 3 to 15HP includes #'s 5,6,7, & 8

*Fastener Kit #14443501K includes the following:
 12 each 3/8 - 16 x 3/4 PL Hex Capscrews #9
 4 each 1/2 - 13 x 1-1/4 PL Hex Capscrews #10
 1 each 3/16 x 1-1/8 Square Key #11
 1 each 1-1/8 x 13/32 x 1/8 Impeller washer #12
 1 each 3/8 - 16 x 3/4 HT/TR Capscrew #13



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

Model DB3 Parts for Centrifugal Pumps

PAGE: RP-130
DATE: June 5, 2006

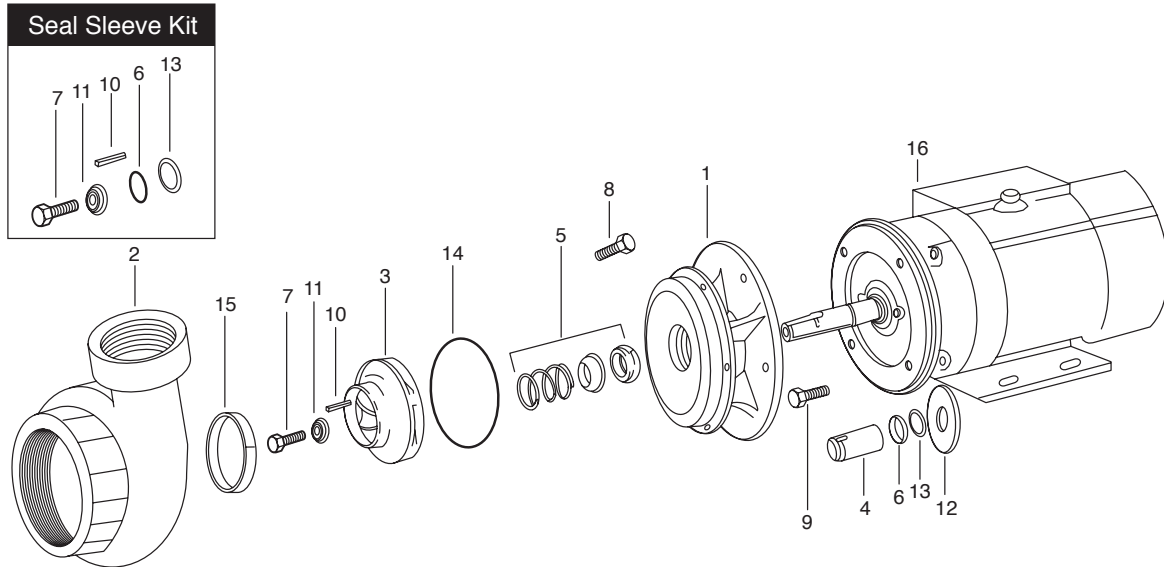


Figure No.	Part No.	Description
1	02-1590-02-R	Mtr. Bracket #9319 4-1/2"M x 6-1/2"C for 5HP & 7.5HP
	02-1564-04-R	Mtr. Bracket #9141 8-1/2"M x 6-1/2"C for 10HP & 15HP
	02-1390-04-R	Mtr. Bracket 8-1/2"M x 6-1/2"C for 20HP
2	03-0840-01-R	Case #11342 4 x 3 C.I. for DB3
3	05-3837-08-R	Impeller #11340 4-1/2" dia. for 5HP DB3
	05-3838-07-R	Impeller #11340 4-15/16" dia. for 7.5HP DB3
	05-3839-06-R	Impeller #11340 5-15/16" dia. for 10HP DB3
	05-3840-03-R	Impeller #11340 5-3/4" dia. for 15HP DB3
	05-3841-02-R	Impeller #11341 6" dia. for 20HP DB3
4	08-2872-03-R	Seal Sleeve 1-1/4" x 1" SS for 5HP thru 15HP
	08-2909-00-R	Seal Sleeve 1-3/4" x 1-3/8" SS for 20HP
5	10-0369-03	Mechanical Seal 1-1/4" for 5HP thru 15HP
	10-0370-00	Mechanical Seal 1-3/4" for 20HP
6	13-0384-01-02PK	Sleeve O-Ring Kit 1" shft. B-N for 5HP thru 15HP (2 per kit)
	13-0385-00-02PK	Sleeve O-Ring Kit 1-3/8" shft. B-N for 20HP
7,8,9,10,11	14-4436-00-K	*Fastener Kit
Sleeve Kit	24-0172-79	Seal Sleeve Kit for 5HP thru 15HP (includes fig. #'s 6,7,10,11,13)
Sleeve Kit	24-0172-95	Seal Sleeve Kit for 20HP (includes fig. #'s 6,7,10,11,13)
12	22-0204-08-R	Deflector for 5HP thru 15HP
	22-0205-07-R	Deflector for 20HP
13	47-0022-09-02PK	Sleeve O-Ring Kit 1 x 1-1/8 x 1/8 BN for 5HP thru 15HP (2 per kit)
	47-0126-04-02PK	Sleeve O-Ring Kit 1-3/8 x 1-9/16 x 3/32 BN for 20HP (2 per kit)
14	47-0165-06-02PK	O-Ring Kit 6-1/2 x 6-11/16 x 3/32 BN (2 per kit)
15	08-2908-01-R	DB3 Wear Ring replacement
16	Motor	See Motor Selection Page
Kit	24-0173-60	Mechanical Seal & O-Ring Kit 5HP to 15HP including #'s 5,6,13, & 14
Kit	24-0173-78	Mechanical Seal & O-Ring Kit for 20HP including #'s 5,6,13, & 14

*Fastener Kit #14443600K includes the following:

- 1 each 3/8 - 16 x 3/4 HT/TR 410SS Hex Capscrews #7 for 5-15HP, 1 each 1/2 - 13 x 1-1/4 HT/TR 410 SS Hex Capscrews #7 for 20HP
- 4 each 3/8 - 16 x 1 PL Hex Capscrews #8, 4 each 3/8 - 16 x 1-1/8 PL Hex Capscrews #9 for 5-7.5HP
- 4 each 1/2 - 13 x 1 PL Hex Capscrews #9 for 10-15HP, 4 each 1/2-13 x 2 PL Hex Capscrews #9 for 20HP
- 1 each 3/16 x 1-1/8 303SS Square Key #10 for 5-15HP, 1 each 1/4 x 1-3/8 303SS Square Key #10 for 20HP
- 1 each 1-1/8 x 13/32 x 1/8 Washer #11 for 5-15HP, 1 each Impeller Washer #11 for 20HP

Model DC4 Parts for Centrifugal Pumps

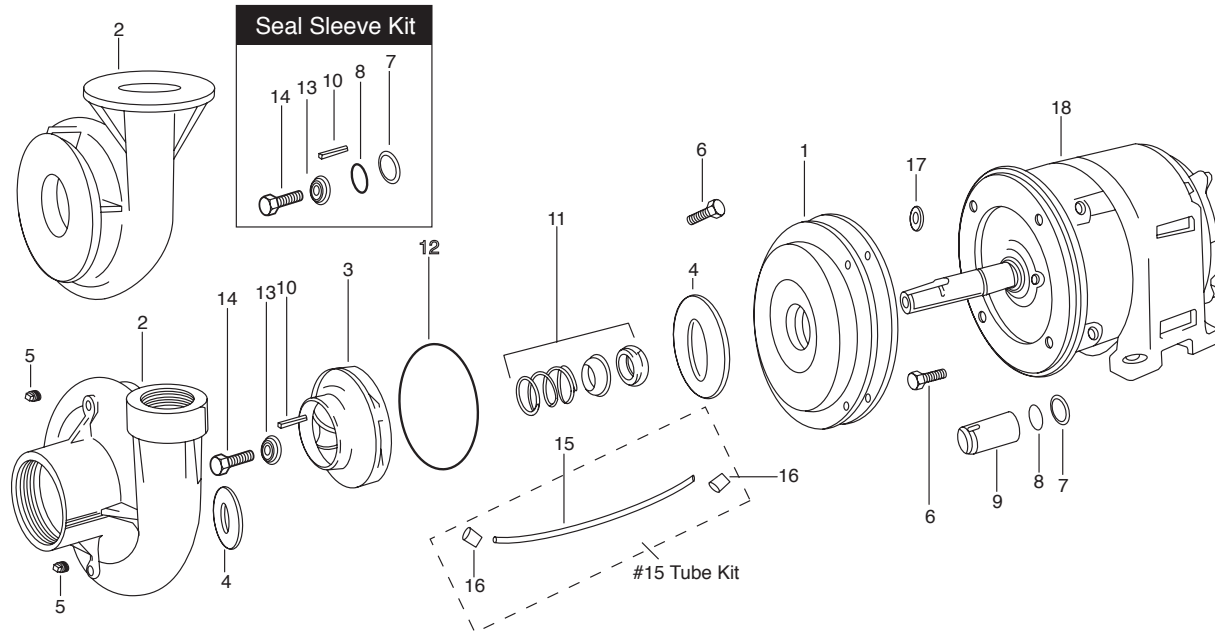


Figure No.	Part No.	Description
1	02-0715-04-R	Mtr. Bracket #11406 9-1/2" dia. for 20-25HP
	02-0716-03-R	Mtr. Bracket #11407 13-1/2" dia. for 30-40-50HP
2	03-0867-09-R	Case #11409 w/ plugs 4 x 4 NPT for 20-25-30HP
	03-0868-08-R	Case #11421 w/ plugs 4 x 5 Flange for 40-50HP
3	05-3916-02-R	Impeller #11422 @ 7-1/32" dia. for 20HP
	05-3917-01-R	Impeller #11422 @ 7-15/32" dia. for 25HP
	05-3918-00-R	Impeller #11422 @ 7-7/8" dia. for 30HP
	05-3919-09-R	Impeller #11408 @ 8-7/16" dia. for 40HP
	05-3920-06-R	Impeller #11408 @ 9-1/32" dia. for 50HP
4	08-2940-01-R	Wear Ring 4.75 x 4.28 x 11/16
5	31-0059-11-06PK	Plug Kit (6 per kit)
6	14-4437-09-K	* Fastener Kit
7	13-0385-00-02PK	O-Ring for spacer sleeve 1-3/8 shaft (2 per kit)
8	47-0126-04-02PK	O-Ring Kit (2 per kit)
9	08-2897-04-R	Seal Sleeve
Sleeve Kit	24-0172-95	Seal Sleeve Kit for 20HP thru 50HP including #'s 7,8,10,14, & 14
15	31-1691-05-K	Poly Tube Kit 3/8 x 20"L w/connector #16
17	22-0205-07-R	Deflector 1-21/32" x 5-1/4" dia.
18	Motor	See Motor Selection page
Kit	24-0173-78	Mech. Seal & Square & O-Ring Kit, 20 thru 50HP including #'s 7,8,11, & 12

*Fastener Kit #14443709K includes the following:

- 12 each 1/2 - 13 x 1 PL Hex Capscrews #6, 12 each 20-25HP & 8 each for 30,40,50HP
- 4 each 5/8 - 11 x 1-1/4 PL Hex Capscrews #6 for 30,40,50HP Motor side
- 1 each 1/4 x 1-3/8 SS Square Key #10
- 1 each Washer #13
- 1 each 1/2 - 13 x 1-1/4 HT/TR 410SS Hex Capscrew #14



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model HJM1 & HJM2 Parts for Self-Priming Centrifugal Pumps

PAGE: RP-135
DATE: June 5, 2006

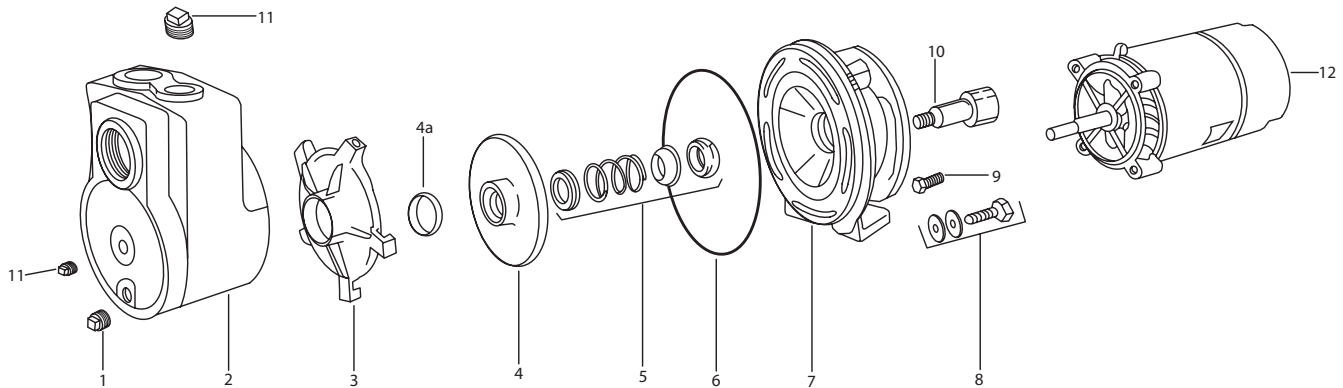


Figure No.	Part No.	Description
1	31-0061-17-R	Plug 1/2" NPT (incl. with case #2)
2	03-0387-00-K	Case Kit #54360 w/ plugs & Wear-Ring 1-1/2"T for 1HP full rate & 1.5HP up-rate
		Case Kit #54360 w/ plugs & Wear-Ring 2"T for 2HP full rate & 2.5HP up-rate
		Case Kit #54360 w/ plugs & Wear-Ring 2"T for 1.5HP full rate & 2HP up-rate
Impeller Kits include the following; Impeller, Diffuser, Mech-Seal, Wear-Ring & O-Ring Fig. #'s 3,4,4a,5,6,8,9		
4	24-0173-03	Impeller Repair Kit for 1HJM1 -Brz Imp. #2794 @ 5"D - 9/16T
	24-0173-11	Impeller Repair Kit for 15HJM1 -Brz Imp. #2794 @ 5-17/32"D - 9/16T
	24-0173-29	Impeller Repair Kit for 2HJM1 -Brz Imp. #2794 @ 5"D - 9/16T
	05-0776-15-RKIT	Impeller Repair Kit SHJM1 - 3/4HP full rate & 1HP unity Plastic #2794 @4.75" - 7/16T
	05-2738-00-RKIT	Impeller Repair Kit 1HJM1&2 - 1HP full rate & 1.5HP unity Plastic #2794 @5"D - 7/16T
	05-2727-03-RKIT	Impeller Repair Kit HJM1 - 1.5HP full rate & 2HP unity Plastic #2794 @5.38"D - 7/16T
	05-3267-07-RKIT	Impeller Repair Kit HJM1 - 2HP full rate & 2.5HP unity Brz. #4607 @5-13/16" - 7/16T
4A	08-0845-19-06PK	Wear-Ring (6 ea. per kit)
5	10-1203-01	Mechanical Seal 3/4" for HJM1
	10-1202-02	Mechanical Seal 5/8" for HJM2
6	47-0262-57-02PK	Sq. Ring Kit 7x3/32 x .212 NTRL (2 ea. per kit)
7	02-1255-08-R	Bracket for 1HP unity w/ fasteners 4-13/16 F #4895
	02-1256-07-R	Bracket for 1HP full rate & 1.5HP unity w/fasteners 5-1/16 F #4895
	02-1272-07-R	Bracket for 1.5HP full rate & 2 & 2.5HP unity w/fasteners 5-7/16 F #4895
	02-1364-06-R	Bracket for 1HP unity HJM2 4-13/16 F #1113
	02-1362-08-R	Bracket for 1HP full rate & 1.5HP unity HJM2 5-1/16 F #1113
	02-1363-07-R	Bracket for 1.5HP & 2HJM2 full rate & 2 & 2.5HP unity w/fasteners 5-7/16 F #1113
8, 9	14-4433-03-K	*Fastener Kit
10	07-3610-09-R001	Coupling w/ Setscrews 9/16 thrd. for HJM1 Mtr. Shaft
11	31-0059-11-06PK	Plug Kit 1/4" (6 ea. per kit)
12	Motor	See Motor Selection Page

*Fastener Kit #14443303K includes the following:
 5 each 3/8 - 16 x 1-3/4 PL Hex Capscrews #8
 4 each 3/8 - 16 x 3/4 PL Hex Capscrews #9 for HJM1
 4 each 3/8 - 16 x 1 PL Hex Capscrews #9 for HJM2

Models Typhoon, TY & TYCI Parts for Self-Priming Centrifugal Pumps

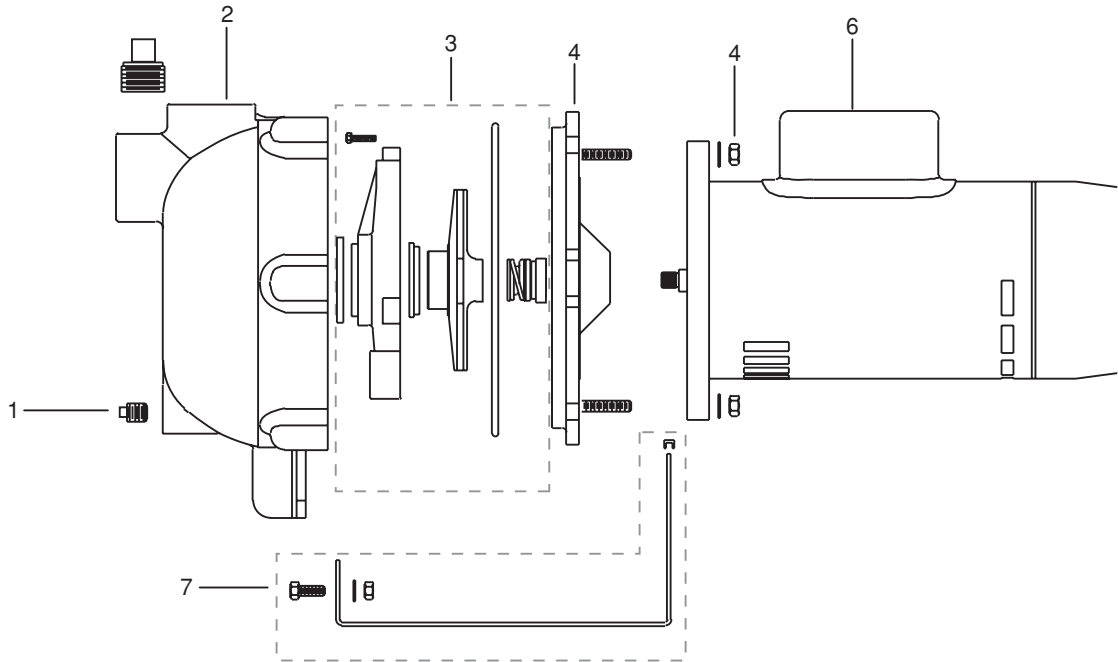


Figure No.	Part No.	Description
1	31-1609-06-02PK	Drain Plug Kit 1/4" with O-Ring for plastic unit (2 per kit)
	31-0059-11-06PK	Drain Plug Kit 1/4" for cast iron unit (6 per kit)
2	**03-0811-09-R	Replacement case assy. KIT for plastic units built prior to 4/20/05
	03-0908-00-R	Plastic Case w/plugs (for units built after 4/20/05)
	03-0045-06-R	Cast Iron Case w/ plugs
Impeller Hydraulic Repair Kits include; Mech. Seal, Impeller, Eye Seal, Diffuser, Square-Ring, O-Ring		
3	05-0341-03-RKIT	Hydraulic Imp./Diff. Repair kit for 7TY & S10TY #03412 @ 5.13D x .105P
	05-0342-02-RKIT	Hydraulic Imp./Diff. Repair kit for 10TY & S15TY #03423 @ 5.13D x .145P
	05-0344-00-RKIT	Hydraulic Imp./Diff. Repair kit for 15TY & S20TY #03444 @ 5.13D x .165P
	05-0340-01-RKIT	Hydraulic Imp./Diff. Repair kit for 20TY & S25TY #03401 @ 5.13D x .235P
4	11-0012-03-R	Seal Plate Assy. Cast Iron w/ studs, washers & nuts
	**11-0060-04-R	Plastic Seal Plate (discontinued on plastic units built after 4/20/05)
5	14-4447-07-K	Fastener Kit for Plastic Case
	14-11295-06-K	Fastener Kit for Cast Iron Case
6	9010-1327-R	Motor 3/4HP - 115/230/1/60 56Z full service & 1HP unity service
	9010-1331-R	Motor 1HP - 115/230/1/60 56Z full service & 1.5HP unity service
	9010-1345-R	Motor 1.5HP - 115/230/1/60 56Z full service & 2.5HP unity service
	9010-1352-R	Motor 2HP - 115/230/1/60 56Z full service & 1HP unity service
7	12-1144-01-R	Base Assembly Kit w/fasteners and protector for 3/4, 1, 1.5HP full service 48Fr. Mtr.
	12-1145-00-R	Base Assembly Kit w/fasteners and protector for 2HP full service 56Fr. Mtr.

*Note; The following plastic parts used on units prior to 4/20/05 have been discontinued and the new Case Kit #03081109R000 replaces them; 11006004R, 11006004R, 42372300R, 03081109R.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model H4 Parts for Booster Pumps

PAGE: RP-140
DATE: June 5, 2006

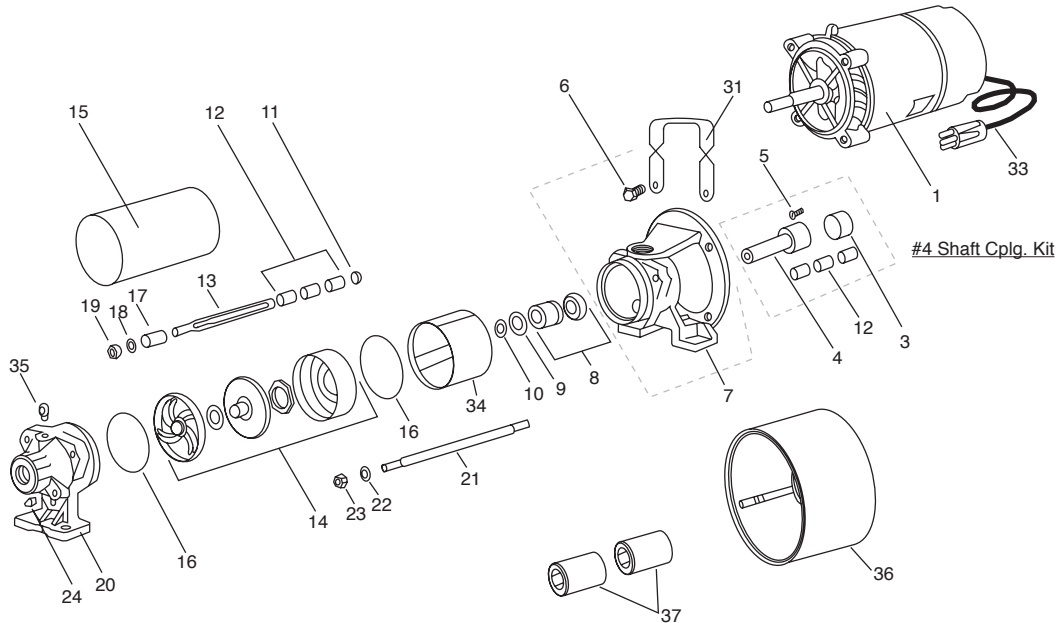


Figure No.	Part No.	Description
1	Motor	See Motor Selection page
3	23-2649-06-R	Piston Cup 5/8 x 3/8 x 3/32 (also included with #4 kit & #38 24-0175-19 kit)
4	07-9035-03-RKIT	Shaft Coupling Kit w/ #5 setscrews, #12 spacers, #3 cup
*5,6	14-4439-07-K	*Fastener Kit
7	03-0770-05-R	Bracket w/ fasteners #6 C.I. #11242
8	10-1203-01	Mechanical Seal 3/4" (also incl. #38 component kit)
*9,10,11,12	See #38	H4 Booster Component Kit
13	Shaft	Consult the factory for size and availability
14	04-5330-06-R	5 GPM Stage Assembly 3/8" Shft.
	04-5329-09-R	10 GPM Stage Assembly 3/8" Shft.
	04-5621-04-R	18 GPM Stage Assembly 3/8" Shft.
	04-5505-05-R	25 GPM Stage Assembly 3/8" Shft.
15	Shell	Consult the factory for size and availability
16	47-0235-02-06PK	O-Ring Kit (6ea. per kit) - (also incl. in kit #38)
17,18,19	See #38	H4 Booster Component Kit
20	04-5461-07-R	Discharge Housing w/ rubber bearings and plugs
21	Studs	Consult the factory for size and availability (3 ea. req'd)
22,23	See #38	H4 Booster Component Kit
24	31-0059-11-06PK	Plug Kit 1/4' Galv. (6 ea. per kit)
31	12-1033-05-R	Motor Handle for 1/3HP & 1/2HP only
33	23-4857-09-R	Motor Cord
34	30-0274-03-R	Screen
35	16-1065-02-R	Air Valve 1/8" NPT (also included in #38 kit)
36	08-2323-02-R	Intermediate support w/ brg. (H425-27M only)
37	08-2888-03-R	Hub Sleeve 2 ea. required (H425-27M only)
38	24-0175-19	H4 Booster Component Kit includes; 8,9,10,11,12,16,17,18,19,22,23,35

*Fastener Kit includes the following:
 2 each 5/16 - 18 x 3/8 Socket set screws #5
 4 each 3/8 - 16 x 7/8 PL Hex Capscrews #6
 1 each #9,10,11,18,19 & 3 each #22,23



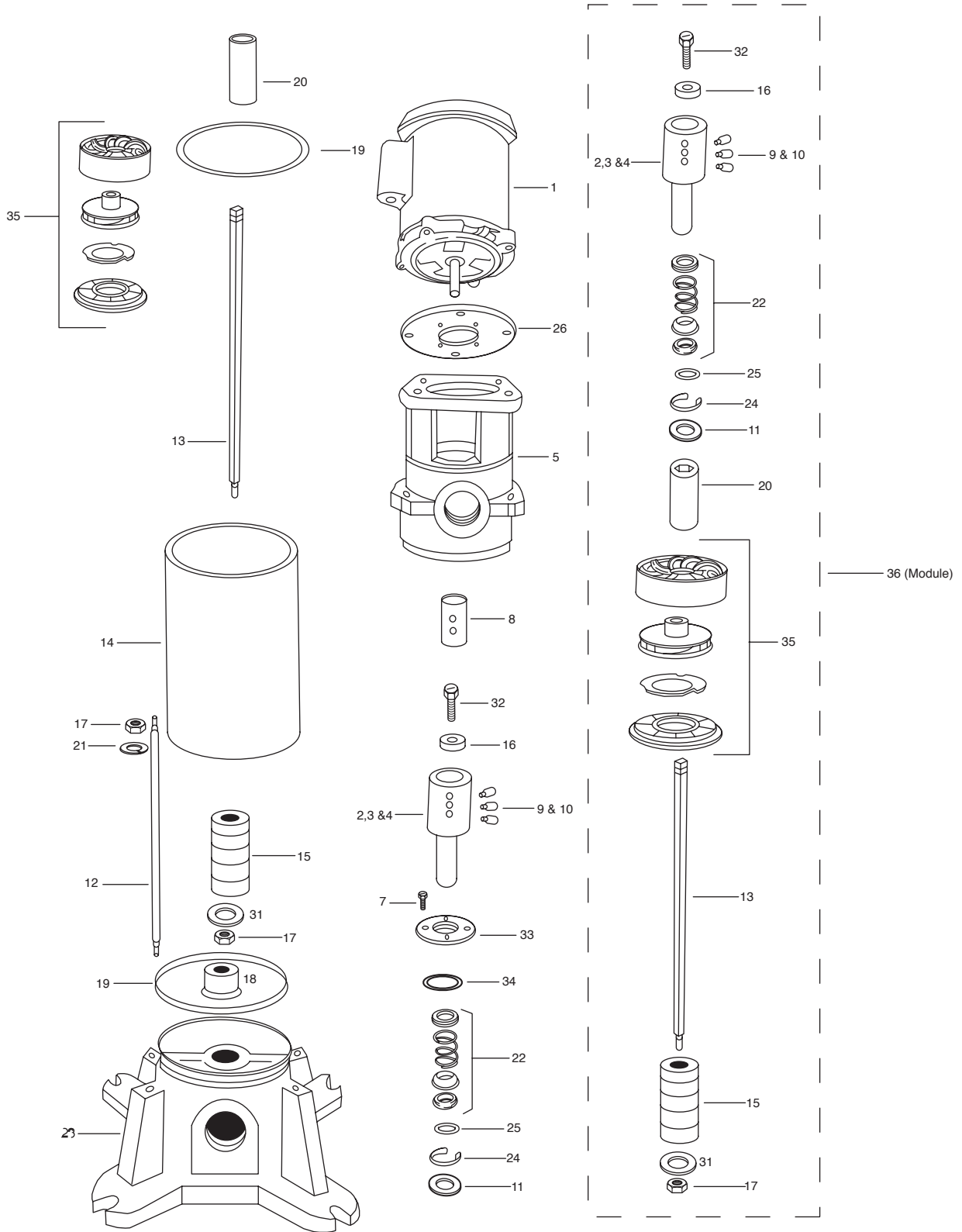
Franklin Electric

400 East Spring Street, Bluffton, IN 46714
 Tel: 260.824.2900 Fax: 260.824.2909
 www.franklinpumps.com

Model Vertical (50-75GPM) Parts for Booster Pumps

PAGE: RP-145

DATE: June 5, 2006



Model Vertical (50-75GPM) Parts for Booster Pumps

Figure No.	Part No.	Description
1	Motor	See Motor Selection Page
2	77-0759-01-R	Motor Coupling 56C / 140TC w/ 5/16 setscrews
3	77-0760-08-R	Motor Coupling 180TC 1-1/2" B w/ 3/8 setscrews
4	77-0761-07-R	Motor Coupling 210TC w/3/8-16 x 1/2 setscrews
5	04-5594-07-R	Motor Bracket #11405
6,7	14-4440-04K	*Fastener Kit
8	08-2938-05-R	Sleeve 5/8" x 7/8" x 1-5/8"
9,10,11	14-4440-04K	*Fastener Kit
12,13,14		Tie Rods, Shaft, Shell, - Consult factory for size and availability
15	08-2912-05-R	Ceramic Sleeve (5 each required) 1 x 5/8 Hex.
16,17	14-4440-04K	*Fastener Kit
18	08-2771-05-R	Rubber Bearing
19	47-0247-08-02PK	O-Ring Kit (2 per kit) 4-5/8 x 4-7/8 x 1/8 BN
20	08-2772-04-R	Spacer V650 - V675
21	14-4440-04K	*Fastener Kit
22	10-0369-03	Mechanical Seal 150PSI 1-1/4"
	10-0470-01	Mechanical Seal 400PSI 1-1/4"
23	04-5595-06-R	VB6 Base 2" NPT #11404
24	14-4440-04K	*Fastener Kit
25	47-0113-09-02PK	O-Ring Kit 9/16 x 3/4 x 3/32 (2 per kit)
26	11-1514-04-R	Motor adpt. Fig. 180TC thru 210TC frame w/ fasteners #11414
27	14-4440-04K	Hex Cap. Kit 1/2-13x1 4 ea. req'd (24 per kit)
28	31-0059-11-06PK	Plug Kit 1/4" (6 per kit)
29	31-0061-17-R	Plug 1/2"
31	14-4277-02-R	Washer 1 x 7/16 x .105
32	14-4440-04K	*Fastener Kit
33	11-1515-03-R	Seal Plate
34	47-0138-59-02PK	Square-Ring Kit 2-1/8 x 3/32 x 3/32 BN (2 per kit)
35	04-5646-05-R	Stage Assembly V650
	04-5649-02-R	Stage Assembly V675
	22-5764-09	V6 End-play Tool
36	9132-4517	VB650 1.5HP 2 Stages
	9132-4525	VB650 2HP 3 Stages
	9132-4533	VB650 3HP 4 Stages
	9132-4541	VB650 5HP 7 Stages
	9132-4566	VB650 7.5HP 10 Stages
	9132-4582	VB675 3HP 2 Stages
	9132-4590	VB675 5HP 4 Stages
	9132-4616	VB675 7.5HP 6 Stages

*Fastener Kit #14444004K includes the following;

- 4 each 3/8 - 16 x 1 PL Hex Capscrews #6
- 4 each 1/4 - 20 x 1/2 SS Hex Capscrews #7
- 3 each 3/8 - 16 x 1/2 Set Screws #9
- 3 each 5/16 - 18 x 1/2 Set Screws #10
- 1 each 5/8 Washer SS #11
- 6 each 3/8 - 16 PL Hex Nut #17
- 4 each 3/8 Lockwashers #21
- 1 each Washer 13/16 x 21/64 x 1/4 SS #16
- 4 each 1/2-13 x 1 PL Hex Capscrews #27
- 1 each Retainer Ring #24
- 1 each 5/16-24 x 1 Capscrew #32



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

All Models

Parts for Gas Powered Pumps

PAGE: RP-150
DATE: June 5, 2006

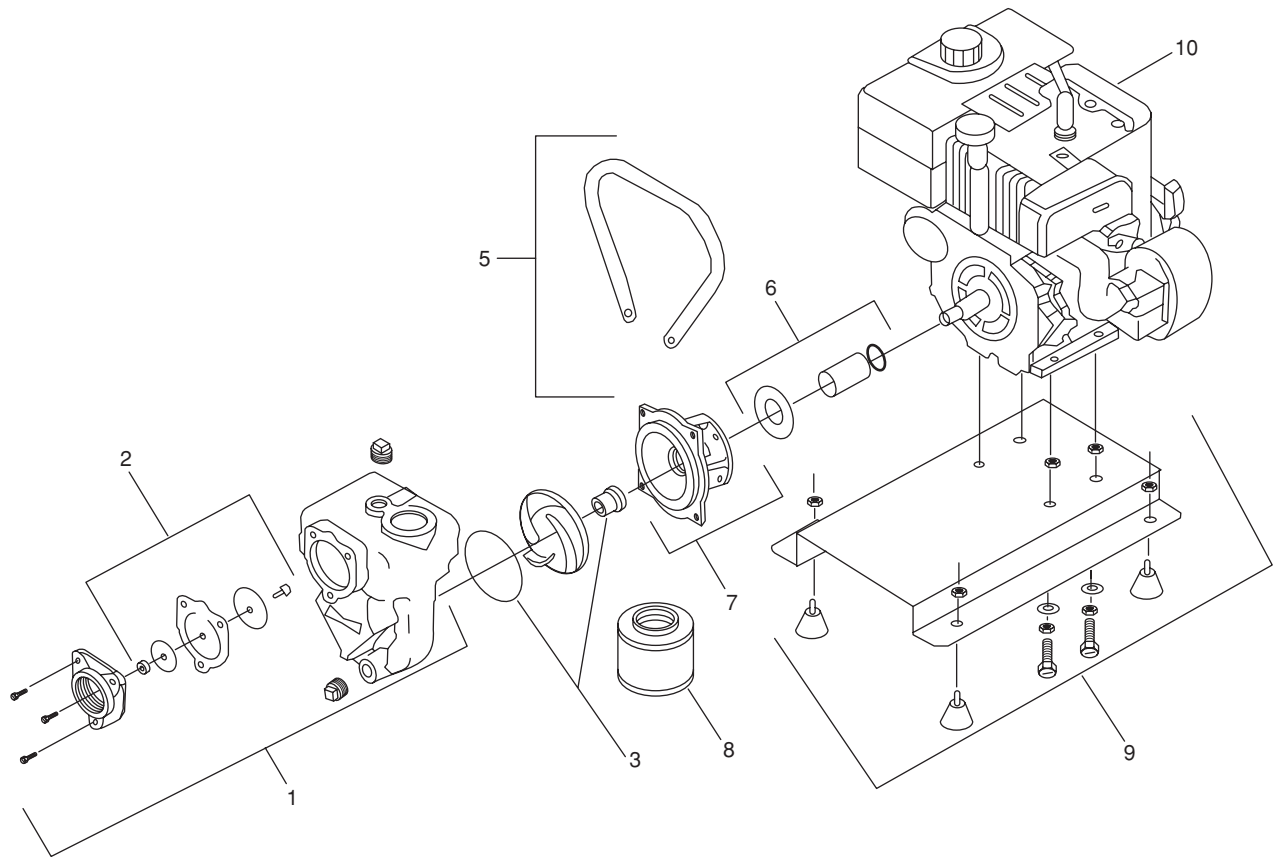


Fig. No.	Part No.	Description
1	03-0902-06-R	Case Assembly w/valve (LSA)
2	9198-7768-R	Check Valve Assembly (LSA)
3	10-1529-08-R	Shaft Seal and O-Ring (LSA)
4	05-0369-00-R	Impeller 3HP (not available)
	05-0370-07-R	Impeller 5HP (not available)
5	12-1150-02-R	Handle w/fasteners (not available)
6	08-2959-09-R	Shaft Sleeve, Slinger, and Seal (LSA)
7	02-1706-03-R	Motor Bracket (not available)
8	03-0903-05-R	Strainer (LSA)
9	12-1151-01-R	Base w/fasteners (not available)
10	9010-9307-R	Engine, 3HP (not available)
	9010-9505-R	Engine, 5HP (not available)

Note: These Models discontinued year 2004
Limited stock available on some items (LSA)



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Model A & RSPA

Parts for End Suction "SPA" Pumps

PAGE: RP-155

DATE: June 5, 2006

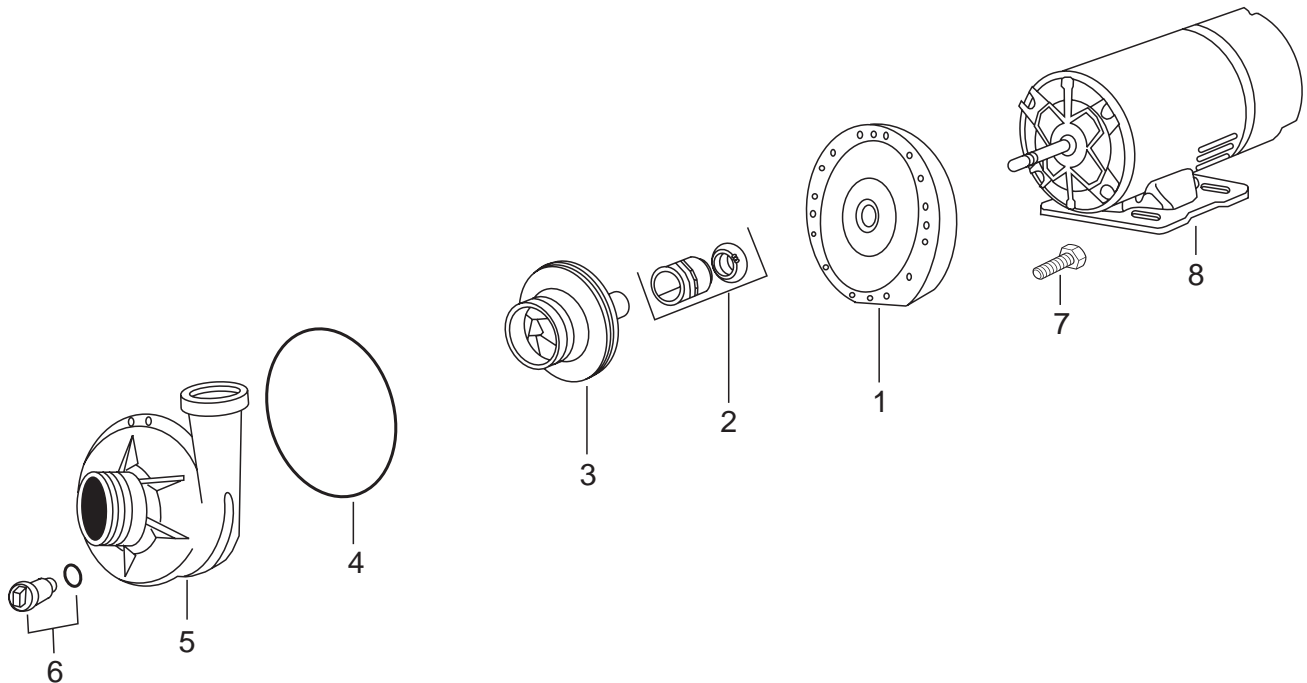


Figure No.	Part No.	Description
1	02-1684-09-R	Bracket for Spa Pump
2	10-0002-06	Mechanical Shaft Seal 5/8
3	05-1500-15-R	Impeller 3.875 dia. x .390P #11433 for S2A, R20SPA
	05-2000-20-R	Impeller 3.875 dia. x .565P #11434 for S35A, R35SPA
	05-2000-25-R	Impeller 3.875 dia. x .582P #11434 for S3A
	05-3000-30-R	Impeller 3.875 dia. x .692P #11435 for S4A
	05-0365-04-K	Impeller Kit 4.20 dia. x .81P for S45A, R45SPA (incl. #2,3,4)
4	47-0258-53-R	Square-Ring 6-1/8 x 1/8 nitril.
5	03-0872-03-R	Case Assembly with plugs
	03-0889-03-R	Case Assembly Kit with plugs for model S45A, R45SPA
6	31-1609-06-02PK	1/4' Plug Ki w/ O-Ring (2 per kit)
7	14-4379-02-R	Screws 10-12 x 1 phil/pan hd. SS
8	9010-1288-R	S2A Motor 2HP 115/230 - 1/60 48Fr. 1.0SF
	9010-6816-R	S3A Motor 3HP 230/1/60 48Fr. 1.0SF
	9010-6592-R	S35A Motor 3.5HP 230/1/60 48Fr. 1.0SF
	9010-3367-R	S4A Motor 4HP 230/1/60 48Fr. 1.0SF
	9010-6600-R	S45A Motor 34.5HP 230/1/60 48Fr. 1.0SF

Model J, K, JCM, SKM, RJTJ, THTM & RSPA Parts for Jetted Tub & SPA Pumps

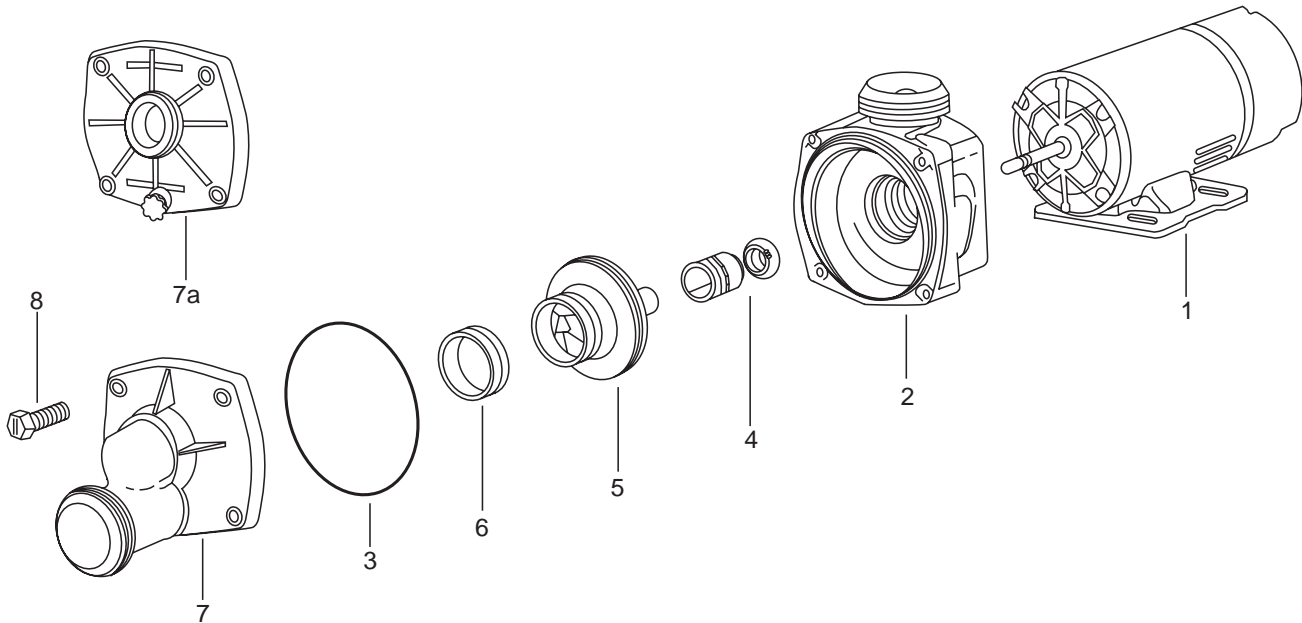


Figure No.	Part No.	Description
1	9010-1197	Motor 3/4HP 115/1/60 48Fr. 1.0SF
	9010-6543-R	Motor 1HP 115/1/60 48Fr. 1.0SF
	9010-1288-R	Motor 1.5HP 115/1/60 48Fr. 1.0SF
2	02-1308-05-RKIT	J Bracket Kit (incl. #7 3-10 butt & #8 1/4-14 x 1-1/8 fasteners)
	02-1309-04-R	JCM & SKM Bracket (eff. 2/1/94) 1/4-14 Thrd, 2-1/2 butt.
	02-1613-05-R	JCM & SKM Bracket (eff. prior 2/1/94) 1/4-20 Thrd, 2-1/2 butt. w/fasteners
3	47-0357-46-R	O-Ring 5-1/2 x 5-7/8 x 3/16
4	10-0002-06	5/8 Mechanical Seal
5	05-3862-06-R	Impeller S7J, S7K #11343 3.45D
	05-3863-05-R	Impeller S1J, S1K #11343 3.73D
	05-3864-04-R	Impeller S15J, S15K #11343 4.10D
	05-3865-03-R	Impeller S2J, S2K #11304 4.22D
6	10-1462-07-R	Eye Seal
7	03-0651-09-R	J Flange 3-10 butt
	03-0854-04-R	JCM Flange 2-1/21-8 butt
7A	11-1517-01-R	SKM Flange 2-1/2" butt with 1/4' plug 31160906R
8	14-1266-35-R**	Fastener 1/4-20x3/4 4 required, Eff. for units prior to 2/1/94 "J" Model
	14-4339-08-R	J, JC, SK, RJT - Fastener 1/4-14 x 1-1/8 Hex. Wash.
	31-1756-08	S15UNS Halves (2)

** Discontinued, no longer available.



Franklin Electric

400 East Spring Street, Bluffton, IN 46714
Tel: 260.824.2900 Fax: 260.824.2909
www.franklinpumps.com

Lost or Damaged Goods Information

PAGE: WR-100

DATE: June 5, 2006

IMPORTANT

Every carrier used by Franklin Pump Systems, Inc. is required to verify and sign for the condition of and the number of pieces that are released to them for delivery. Our control and responsibility for any shipment ceases when the carrier signs the Bill of Lading. When you sign the Bill of Lading, you legally assume responsibility of the shipment being delivered. Please, thoroughly inspect each shipment immediately upon arrival.

If cartons, packages, or crates are received in short or damaged condition, it is important that you notify the driver and insist on a notation of the loss or damage across the face of the freight bill. Failure to do this could negate any opportunity you have to file a claim. Claims for short or damaged material must be filed in writing with the carrier immediately after delivery.

If concealed loss or damage is discovered, notify the carrier at once and request an inspection. It is also important that you do not discard the shipping carton or container. A concealed damage report should be made within ten (10) days of delivery of the shipment. The carrier's agent will make an inspection and usually will grant a concealed damage notation. If you give the carrier a clear receipt for the goods that have been damaged in transit, you do so at your own risk and expense.

We are willing to assist you to collect claims for loss or damage, but we are not responsible for collection of claims or replacement of material (shortage or damage) if not noted on the Bill of Lading at the time of delivery.

Due to frequent damage of heavy UPS shipments, Franklin Pump Systems, Inc. does not ship orders over 75 lbs. by UPS unless customer agrees to take full responsibility.

For information or assistance contact:



Franklin Pump Systems

Customer Service Department

p: 501.455.1234

www.franklin-electric.com

U.S. LIMITED WARRANTY*

Franklin Pump Systems, Inc.

Franklin Pump Systems, Inc. warrants its new products to be free of defects in material and workmanship for a period of 1 year from date of installation or 2 years from date of manufacture, whichever comes first, WHEN installed in a domestic water systems application and pumping potable water only. Warranty does not cover applications pumping saltwater or other corrosive liquids. Consult and adhere to local codes for all applications.

Franklin Pump System's warranty obligation with regard to equipment not of its own manufacture is limited to the warranty actually extended to Franklin Pump System by its suppliers.

This warranty extends only to the original retail purchaser and only during the time in which the original retail purchaser occupies the site where the product was originally installed.

Requests for service under this warranty shall be made by contacting the installing Franklin Pump System dealer (point of purchase) as soon as possible after the discovery of any alleged defect. Franklin Pump System will subsequently take corrective action as promptly as reasonably possible.

Franklin Pump System at its discretion may replace or repair any product that fails under this warranty after inspection by an authorized company representative or after Franklin Pump System has received the product at our factory. Replacement or repair cannot be made until after the product is inspected. All charges or expenses for freight to and from the factory, removal and reinstallation of the product, or installation of a replacement product are the responsibility of the purchaser.

THIS WARRANTY SUPERSEDES ANY WARRANTY NOT DATED OR BEARING AN EARLIER DATE. ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE, INCLUDING MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE WARRANTY PERIOD. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. IN NO EVENT SHALL FRANKLIN PUMP SYSTEM BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

This warranty does not apply to any product which has been subjected to negligence, alteration, accident, abuse, misuse, improper installation, vandalism, civil disturbances, or acts of God. The only warranties authorized by Franklin Pump System are those set forth herein. Franklin Pump System does not authorize other persons to extend any warranties with respect to its products, nor will Franklin Pump System assume liability for any unauthorized warranties made in connection with the sale of its products.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

* Contact Franklin Pump Systems, Inc. Export Division for International Warranty.



Franklin Pump Systems

12401 Interstate 30 • P.O. Box 8903
Little Rock, AR 72219