



FEATURES

Powered for Continuous Operation: All ratings are within the working limits of the motor as recommended by the motor manufacturer. Pump can be operated continuously without damage to the motor.

Field Serviceable: Units have left hand threads and are field serviceable with common tools and readily available repair parts.

Sand Handling Design: Our face clearance, floating impeller stack has proven itself for over 50 years as a superior sand handling, durable pump design.

FDA Compliant Non-Metallic Parts: Impellers, diffusers and bearing spiders are constructed of glass filled engineered composites. They are corrosion resistant and non-toxic.

Discharge Head/Check Valve: Cast 303 stainless steel for strength and durability. Two cast-in safety line loops for installer convenience. The built-in check valve is constructed of stainless steel and FDA compliant BUNA rubber for abrasion resistance and quiet operation.

Motor Adapter: Cast 303 stainless steel for rigid, accurate alignment of pump and motor. Easy access to motor mounting nuts using standard open end wrench.

Stainless Steel Casing: Polished stainless steel is strong and corrosion resistant.

Hex Shaft Design: Six sided shafts for positive impeller drive.

Engineered Polymer Bearings: The proprietary, engineered polymer bearing material is strong and resistant to abrasion and wear. The enclosed upper bearing is mounted in a durable Noryl® bearing spider for excellent abrasion resistance.

5GS, 7GS, 10GS, 13GS, 18GS & 25GS

5-25 GPM, ½ - 5 HP, 60 HZ, SUBMERSIBLE PUMPS



WATER END DATA

Series	Model	Required HP	Stages	Length (in)	Weight (lbs)
5GS	5GS05R	.5	9	12.9	8
	5GS05	.5	12	15.0	9
	5GS07	.75	15	17.0	11
	5GS10	1	20	21.7	13
	5GS15	1.5	26	25.8	15
	5GS20	2	33	31.6	19
7GS	7GS05R	.5	7	11.7	6
	7GS05	.5	10	13.8	7
	7GS07	.75	13	16.0	8
	7GS10	1	17	18.8	9
	7GS15	1.5	22	23.6	12
	7GS20	2	27	27.2	13
10GS	10GS05R*	0.5	8	12.2	7
	10GS05*	0.5	10	13.6	8
	10GS07*	0.75	14	16.4	9
	10GS10*	1	16	17.7	11
	10GS15	1.5	17	18.4	12
	10GS20	2	20	21.7	13
	10GS30	3	27	27.5	18
	10GS50R	5	35	33	21
	10GS50	5	42	40.2	24
13GS	13GS05	.5	5	10.1	6
	13GS07	.75	7	11.5	7
	13GS10	1	10	13.6	8
	13GS15	1.5	12	15.0	9
	13GS20	2	17	18.4	12
	13GS30	3	21	22.3	15
18GS	18GS07	.75	6	11.8	7
	18GS10	1	8	13.5	8
	18GS15	1.5	11	16.1	10
	18GS20	2	14	18.6	11
	18GS30	3	19	24.1	15
	18GS50R	5	24	28.3	17
	18GS50	5	30	34.4	21
25GS	25GS10	1	7	13.4	8
	25GS15	1.5	9	15.3	9
	25GS20	2	11	17.2	10
	25GS30	3	15	20.9	14
	25GS50R	5	22	28.7	17
	25GS50	5	26	33.4	21

*New High Head Hydraulic Design for models manufactured starting 8/2017

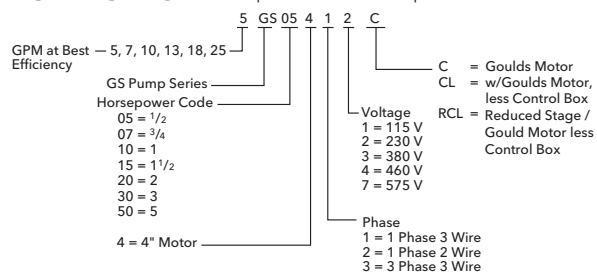
SPECIFICATIONS

Model	Flow Range GPM	Horsepower Range	Best Efficiency GPM	Discharge Connection	Minimum Well Size	Rotation ^①
5GS	1.2 - 7.5	½ - 2	5	1¼"	4"	CCW
7GS	1.5 - 10	½ - 3	7	1¼"	4"	CCW
10GS	3 - 16	½ - 5	10	1¼"	4"	CCW
13GS	4 - 20	½ - 3	13	1¼"	4"	CCW
18GS	6 - 28	¾ - 5	18	1¼"	4"	CCW
25GS	8 - 33	1 - 5	25	1¼"	4"	CCW

① Rotation is counterclockwise when observed from pump discharge end.

NOMENCLATURE See price book for complete order numbers.

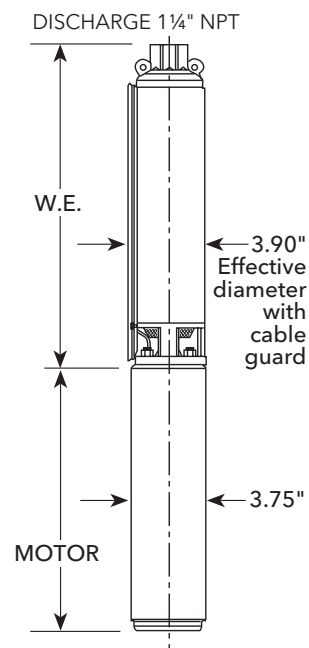
NOMENCLATURE See price book for complete order numbers.



"GS" SERIES MATERIALS OF CONSTRUCTION

Part Name	Material
Discharge Head	AISI 303 SS
Check Valve Poppet	AISI 304 SS
Check Valve Seal	BUNA, FDA compliant
Check Valve Seat	AISI 304 SS
Check Valve Retaining Ring	AISI 302 SS
Bearing Spider - Upper	Noryl® GFN2
Bearing	Proprietary Engineered Polymer
Klipring	AISI 301 SS
Diffuser	Lexan®
Impeller	Noryl®
Bowl	AISI 304 SS
Intermediate Sleeve *	AISI 304 SS, Powder Metal
Intermediate Shaft Coupling *	AISI 304 SS, Powder Metal
Intermediate Bearing Spider *	Glass Filled Engineered Composite
Intermediate Bearing Spider *	AISI 303 SS
Shim	AISI 304 SS
Screws - Cable Guard	AISI 304 SS
Motor Adapter	AISI 303 SS
Casing	AISI 304 SS
Shaft	AISI 304 SS
Coupling	AISI 304 SS, Powder Metal
Cable Guard	AISI 304 SS
Suction Screen	AISI 304 SS

*See repair parts for where used.



GOULDS WATER TECHNOLOGY 4" SINGLE-PHASE MOTORS

Order No.	Type	HP	Volts	Length in. (mm)	Weight lb. (kg.)
M05421	2-wire PSC	½	115	10.5 (267)	18 (8.2)
M05422		½		10.5 (267)	18 (8.2)
M07422		¾	230	11.9 (302)	22 (9.7)
M10422		1		12.5 (318)	24 (10.5)
M15422		1.5		14.2 (361)	28 (12.4)
M05411	3-wire	½	115	9.6 (244)	17.9 (8.1)
M05412		½		9.2 (234)	16.7 (7.6)
M07412		¾	230	10.3 (262)	19.8 (9.0)
M10412		1		11.2 (284)	22.0 (10.0)
M15412		1.5		12.8 (325)	26.0 (11.8)
M20412		2		15.1 (383)	31 (14.1)
M30412		3		18.3 (466)	40 (18.1)
M50412		5		27.7 (703)	70 (31.8)

NEMA MOTOR

- Corrosion resistant stainless steel construction.
- Built-in surge arrester is provided on single phase motors through 5 HP.
- Stainless steel splined shaft.
- Hermetically sealed windings.
- Replaceable motor lead assembly.
- NEMA mounting dimensions.
- Control box is required with 3 wire single phase units.
- Three phase units require a magnetic starter with three leg Class 10 overload protection.

GOULDS WATER TECHNOLOGY 4" THREE-PHASE MOTORS

Order No. by Voltage			HP	Length in. (mm)	Weight lb. (kg.)
200V	230V	460V			
M05430	M05432	M05434	½	10.0 (254)	19 (8.7)
M07430	M07432	M07434	¾	10.8 (275)	22 (9.7)
M10430	M10432	M10434	1	11.7 (297)	23 (10.4)
M15430	M15432	M15434	1.5	11.7 (297)	23 (10.4)
M20430	M20432	M20434	2	13.8 (351)	28 (12.7)
M30430	M30432	M30434	3	15.3 (389)	32 (14.5)
M50430	M50432	M50434	5	21.7 (550)	55 (24.9)
M75430	M75432	M75434	7.5	27.7 (703)	70 (1.8)

Order No.	HP	Volts	Length in. (mm)	Weight lb. (kg.)
M15437	1.5	575	11.7 (297)	23 (10.4)
M20437	2		15.3 (389)	32 (14.5)
M30437	3		15.3 (389)	32 (14.5)
M50437	5		27.7 (703)	70 (31.8)
M75437	7.5		27.7 (703)	70 (31.8)

AGENCY LISTINGS



Pump/Water End and Goolds water technology Motor - tested to UL778 and CAN 22.2 by CSA International (Canadian Standards Association)



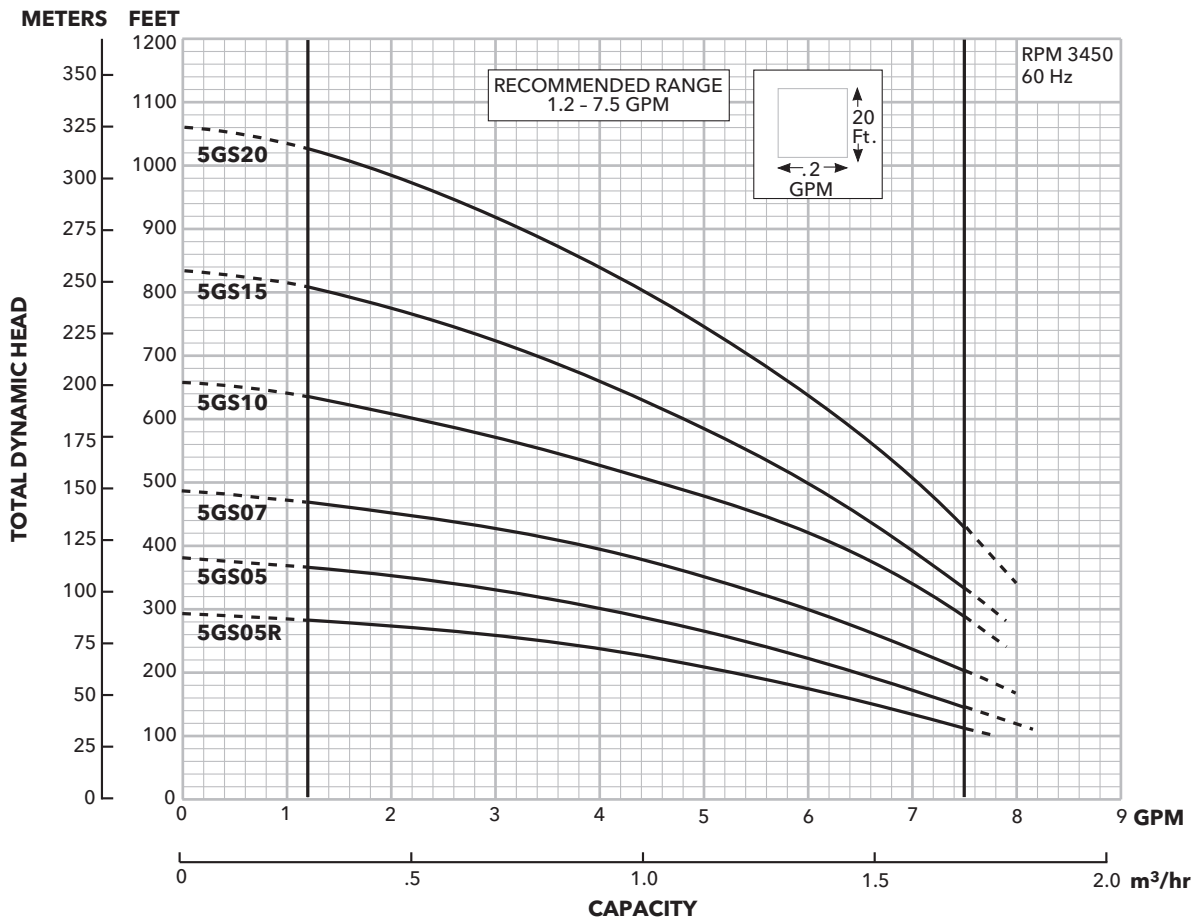
Goolds water technology Motor - Certified to NSF/ANSI 61, Annex G, Drinking Water System Components 4P49



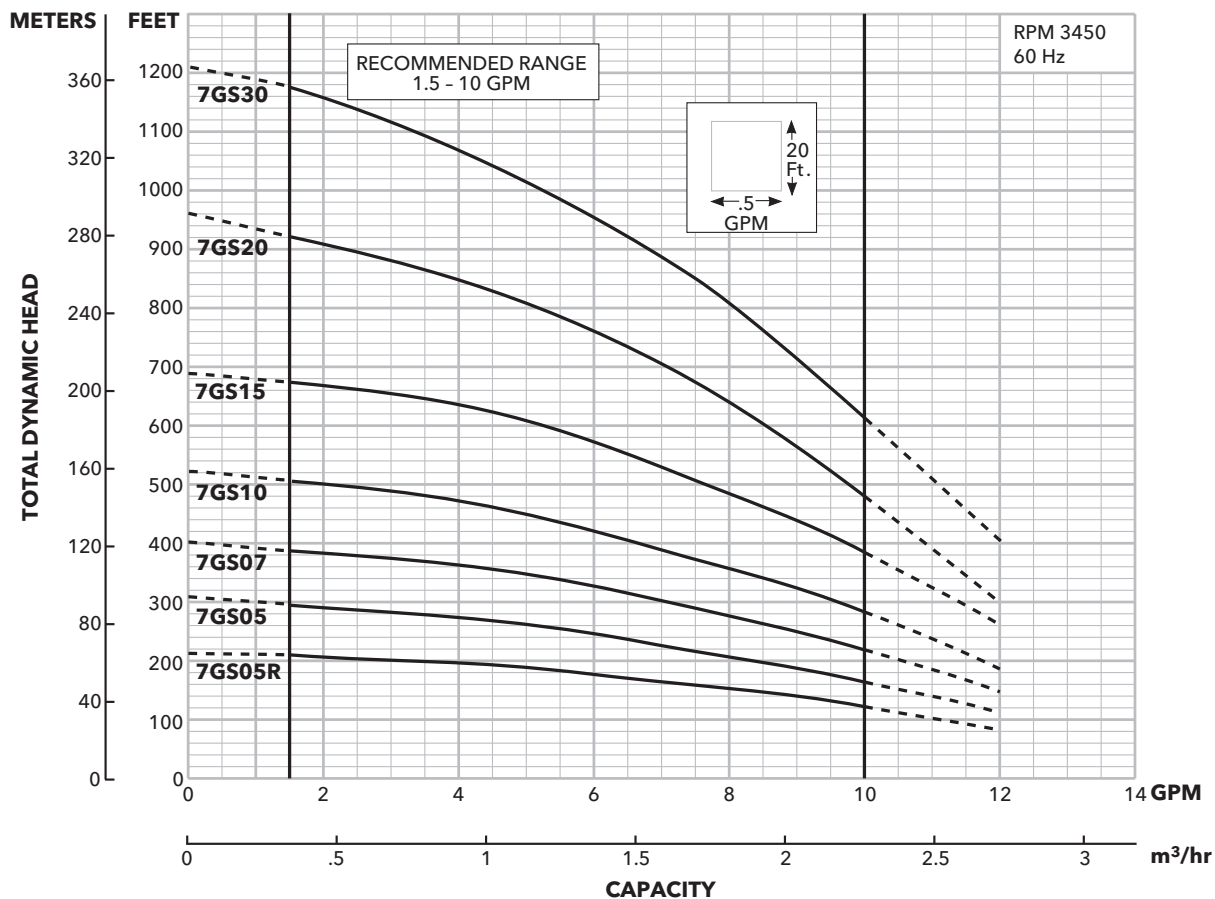
NSF/ANSI 372 - Drinking Water System Components - Lead Content

CLASS 6853 01 - Low Lead Content Certification Program - Plumbing Products

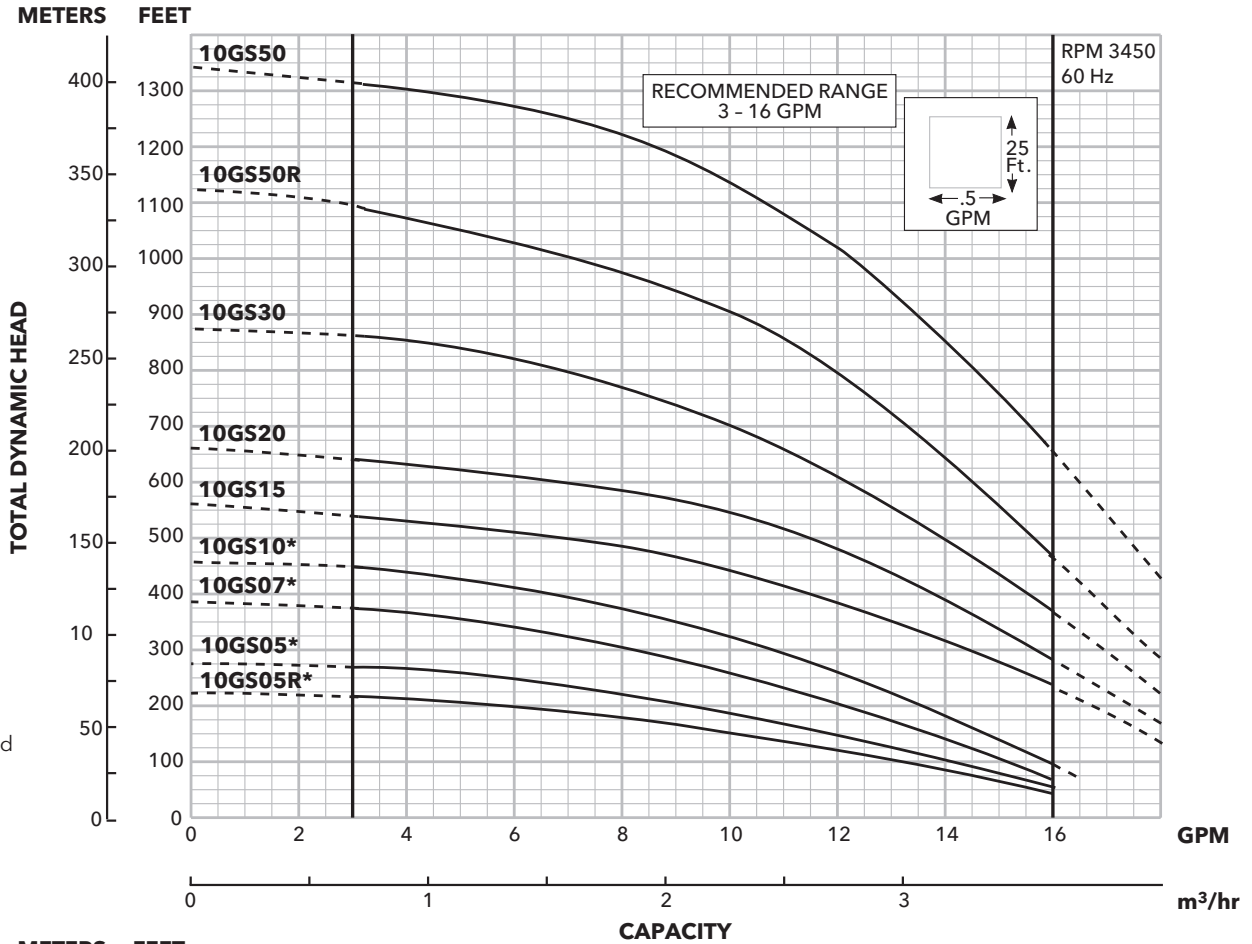
Model 5GS



Model 7GS

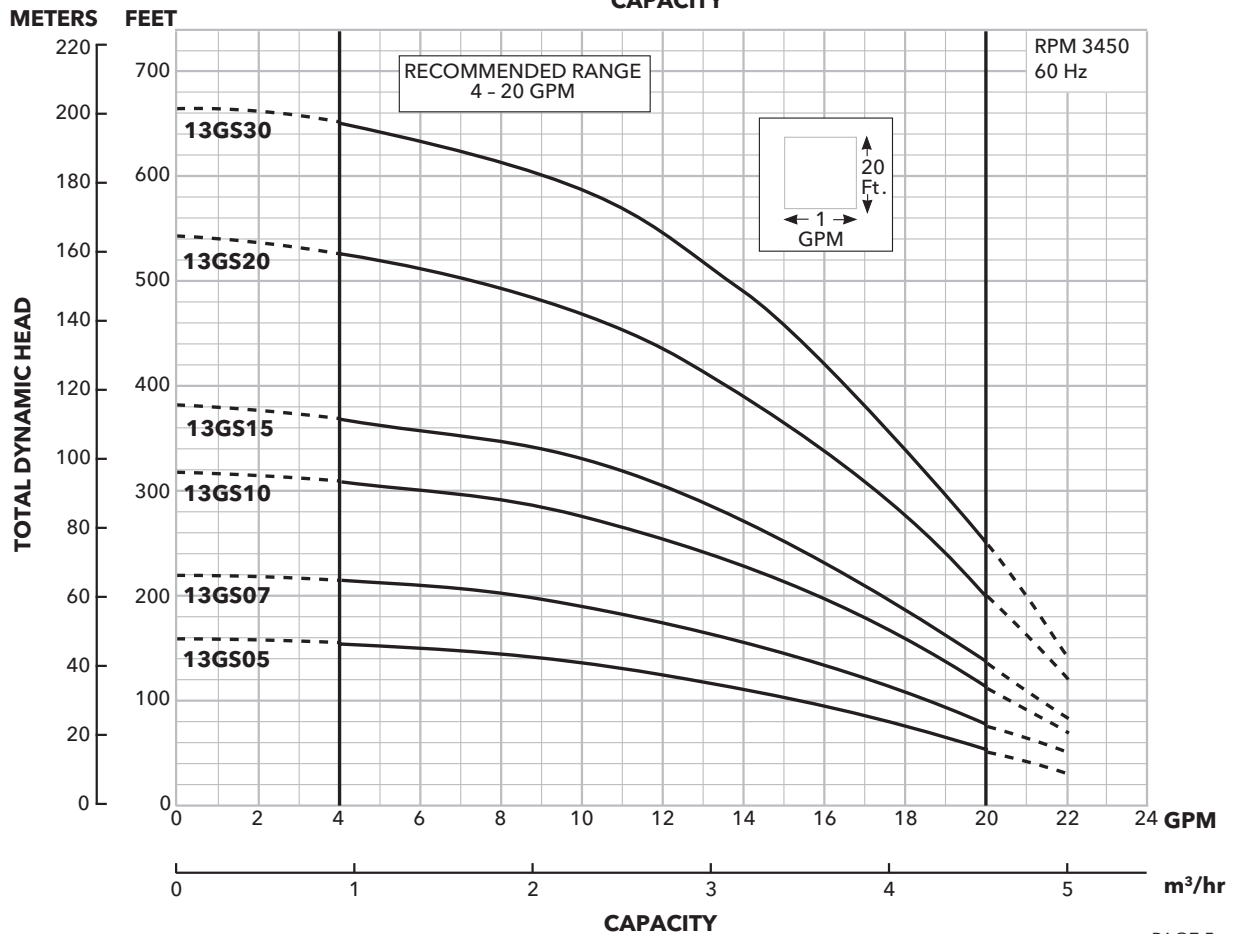


Model 10GS

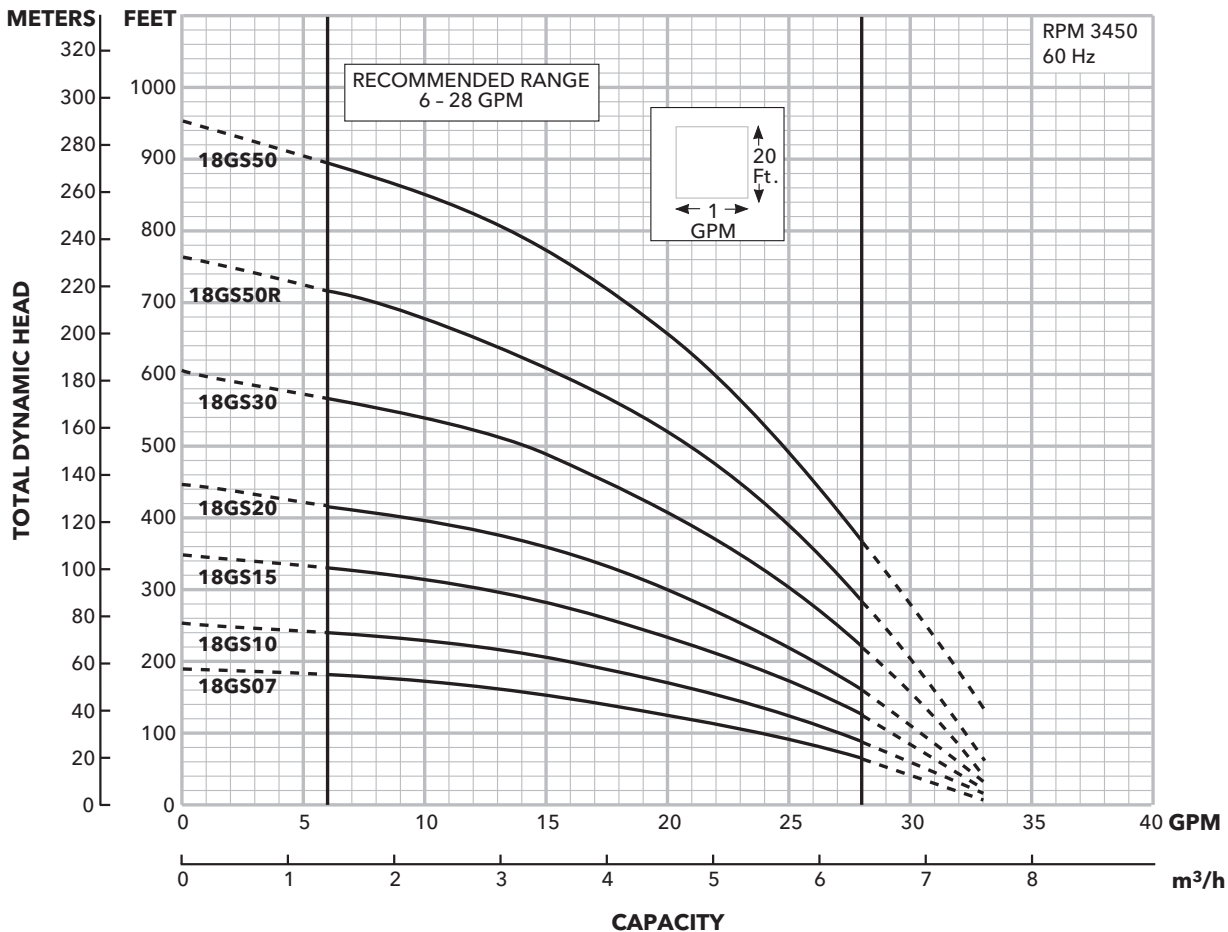


New High Head Hydraulic Design for models manufactured starting 8/2017
* HH Versions

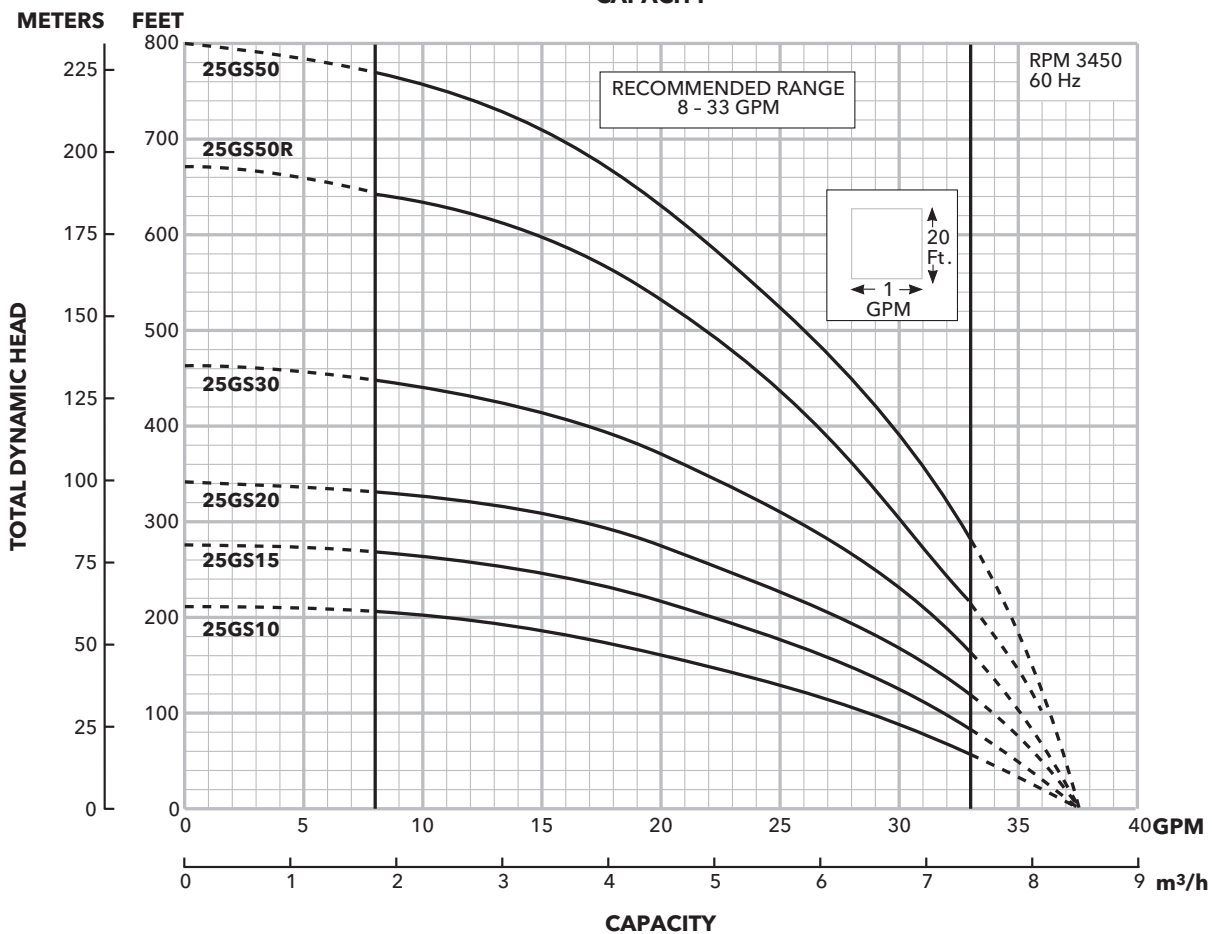
Model 13GS



Model 18GS



Model 25GS



MODEL 10GS

SELECTION CHART Horsepower Range 1/2 - 3, Recommended Range 3 - 16 GPM, 60 Hz, 3450 RPM

Table with 5 main sections for models 10GS05R*, 10GS05*, 10GS07*, 10GS10*, and 10GS15. Each section includes flow rates from 0 to 60 GPM and shut-off PSI values for various depths (20, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380, 400, 420, 440, 460 GPM).

Table with 5 main sections for models 10GS15, 10GS20, 10GS30, 10GS50R, and 10GS50. Each section includes flow rates from 0 to 60 GPM and shut-off PSI values for various depths (340, 380, 420, 460, 500, 540, 580, 620, 660, 700, 740, 780, 820, 860, 900, 940, 980, 1020, 1060 GPM).

Horsepower Range 5, Recommended Range 3 - 16 GPM, 60 Hz, 3450 RPM

Table with 2 main sections for models 10GS50R and 10GS50. Each section includes flow rates from 0 to 60 GPM and shut-off PSI values for various depths (440, 480, 520, 560, 600, 640, 680, 720, 760, 800, 840, 880, 920, 960, 1000, 1040, 1080, 1120, 1160, 1200, 1240, 1280, 1320 GPM).

* HH Versions

MODEL 13GS

SELECTION CHART

Horsepower Range ½ - 3, Recommended Range 4 - 20 GPM, 60 Hz, 3450 RPM

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																													
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820		
13GS05	½	0			19.0	17.5	15.3	12.5	8.2																							
		20	18.8	16.5	14.5	12.0	8.0																									
		30	16.0	13.4	11.0	4.1																										
		40	13.3	10.6	4.0																											
		50	9.8																													
		60																														
Shut-off PSI			60	52	43	35	26	17	9																							
13GS07	¾	0				19.7	18.5	17.0	15.0	13.2	11.5	8.5																				
		20		19.4	18.0	16.4	14.8	12.9	10.5	6.0																						
		30	18.9	17.5	16.0	14.6	12.5	10.0	5.0																							
		40	17.4	15.9	14.4	12.4	9.7	4.0																								
		50	15.4	13.8	12.0	9.5																										
		60	13.2	11.5	8.5																											
Shut-off PSI			86	78	69	61	52	43	35	26	17	8																				
13GS10	1	0					19.6	18.4	17.6	16.6	15.4	14.1	12.8	11.4	9.5	6.0																
		20			20.0	19.4	18.5	17.2	16.3	15.0	13.8	12.5	11.0	8.5	4.0																	
		30		20.0	19.2	18.2	17.1	15.8	14.7	13.6	12.2	10.5	7.5																			
		40	19.9	19.0	18.0	17.0	15.7	14.6	13.5	12.0	10.1	7.3																				
		50	18.8	17.8	16.8	15.5	14.5	13.0	11.6	9.9	7.0																					
		60	17.6	16.6	15.4	14.1	12.8	11.4	9.5	6.0																						
Shut-off PSI			128	119	110	102	93	84	76	67	58	50	41	32	24	15	6															
13GS15	1½	0						19.7	18.9	18.2	17.3	16.3	15.2	14.2	13.2	12.1	8.7															
		20					19.5	18.4	17.9	17.0	16.0	15.1	14.1	12.9	11.8	10.2	8.8															
		30			20.2	19.4	18.6	17.6	16.8	15.8	14.9	14.0	12.6	11.5	9.9	7.9	4.0															
		40		20.0	19.3	18.5	17.5	16.6	15.7	14.8	13.9	12.5	11.4	9.5	7.3	4.0																
		50	20.0	19.1	18.3	17.4	16.4	15.5	14.5	13.6	12.3	11.0	9.2	6.3																		
		60	18.9	18.2	17.3	16.3	15.2	14.2	13.3	12.1	11.0	8.7	5.6																			
Shut-off PSI			156	147	139	130	121	113	104	95	87	78	69	61	52	43	35	17														
13GS20	2	0									20.0	19.5	19.0	18.3	17.9	17.2	15.8	14.4	12.6	10.5	7.7											
		20									19.8	19.4	18.8	18.2	17.6	17.0	16.3	15.6	14.1	12.4	10.2	6.8										
		30									19.7	19.3	18.7	18.2	17.4	16.8	16.2	15.5	14.8	13.1	11.1	8.8										
		40									19.6	19.2	18.6	18.1	17.3	16.7	16.1	15.4	14.7	13.8	12.0	9.8	6.0									
		50										20.1	19.5	19.1	18.4	18.0	17.2	16.6	16.0	15.2	14.6	13.7	12.9	10.8	8.5							
		60			20.0	19.5	19.0	18.3	17.9	17.2	16.5	15.8	15.1	14.4	13.6	12.6	11.5	9.2	5.0													
Shut-off PSI					206	198	189	180	172	163	155	146	137	129	120	111	103	85	68	51	33	16										
13GS30	3	0															19.8	19.4	18.9	18.0	17.1	16.0	14.6	13.5	11.9	10.0	7.3					
		20															19.6	19.2	18.9	18.3	17.9	17.0	15.9	14.7	13.3	11.8	9.7	6.9				
		30															20.0	19.5	19.1	18.8	18.2	17.8	17.4	16.4	15.2	13.9	12.3	10.5	8.3	4.0		
		40															20.0	19.4	19.1	18.7	18.2	17.8	17.3	16.8	15.6	14.5	13.0	11.4	9.5	6.0		
		50															19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7	16.1	14.9	13.7	12.0	10.1	7.9		
		60															19.8	19.4	18.9	18.5	18.0	17.5	17.1	16.6	16.0	15.4	14.2	12.9	11.0	9.0	5.0	
Shut-off PSI								235	226	217	209	200	191	183	174	165	157	139	122	104	87	70	53	35	18							

