

Performance Chart (50HZ/60HZ 2 Pole)



Model	HP	Voltage (V)	50Hz				60Hz				Weight(kg)
			Current (A)	Static Pressure (Vacuum/Compressor) (mm/Aq)	Air Volume (m ³ /min)	dB (A)	Current (A)	Static Pressure (Vacuum/Compressor) (mm/Aq)	Air Volume (m ³ /min)	dB (A)	
HB-129	1/4	1ph/220v	1.7	700/700	0.8	53	1.8	750/800	1	55	6.5
HB-129	1/4	3ph/380v	0.5	500/600	0.8	53	0.5	700/700	1	55	6.5
HB-229	1/2	1ph/220v	2.8	1100/1300	1.4	58	2.9	1400/1700	1.7	61	11.5
HB-229	1/2	3ph/380v	1.2	1100/1300	1.4	58	1.3	1400/1700	1.7	61	11
HB-229L	1/2	3ph/380v	1.2	1100/1300	1.4	58	1.3	1400/1700	1.7	61	11.5
HB-229L	1/2	1ph/220v	2.8	1100/1300	1.4	58	2.9	1400/1700	1.7	61	12
HB-329	1	3ph/380v	1.9	1400/1400	2.4	63	2.1	1400/1400	2.9	64	14.5
HB-329L	1	3ph/380v	1.9	1400/1400	2.4	63	2.1	1400/1400	2.9	64	15
HB-429	2	1ph/220v	10.0	1800/1800	3.6	70	11.0	1800/1800	4.2	73	22.5
HB-429	2	3ph/380v	3.9	2100/2200	3.6	70	4.0	2100/2200	4.2	73	23
HB-429L	2	3ph/380v	3.9	2100/2200	3.6	70	4.0	2100/2200	4.2	73	23.5
HB-439	2.5	3ph/380v	4.5	2200/2700	3.6	70	5.5	2550/3000	4.2	73	26
HB-529	3	3ph/380v	5.6	2300/2300	5.2	72	6.2	2200/2200	6.2	77	32
HB-529L	3	3ph/380v	5.6	2300/2300	5.2	72	6.2	2200/2200	6.2	77	33
HB-629	5	3ph/380v	7.2	2600/2800	5.2	72	7.8	2800/2800	6.2	77	35
HB-629L	5	3ph/380v	7.2	2600/2800	5.2	72	7.8	2800/2800	6.2	77	36
HB-639	6	3ph/380v	8.2	2700/3300	5.2	72	9.3	3150/3200	6.2	77	38
HB-729	7.5	3ph/380v	12.0	2700/3000	9.2	74	15.3	2900/2900	10.9	79	78
HB-829	10	3ph/380v	15.6	3000/4000	9.2	74	19.6	3500/4000	10.9	79	82
HB-919	15	3ph/380v	20.8	2000/2000	18.9	76	21.4	1900/1900	22.4	81	100
HB-929	20	3ph/380v	27.0	3000/3000	18.9	76	29.8	2900/2900	22.4	81	112
HB-939	30	3ph/380v	38.6	3500/4500	18.9	76	44.0	3700/4300	22.4	81	159
HB-3319	2	3ph/380v	3.9	2750/3200	2.6	66	4.0	3000/3000	3	69	25
HB-3326	3	3ph/380v	4.5	2800/3750	2.6	66	5.5	3500/4350	3	69	28
HB-4337	5	3ph/380v	7.2	3450/4100	3.7	74	7.8	4050/4150	4.5	77	43
HB-4346	6	3ph/380v	8.2	3550/4950	3.7	74	9.3	4100/5000	4.5	77	45
HB-6346	6	3ph/380v	8.2	3600/3800	5.2	75	9.3	3800/3800	6.2	79	55
HB-6355	7.5	3ph/380v	12.0	4100/5150	5.2	75	15.3	4250/5300	6.2	79	72
HB-6455	7.5	3ph/380v	12.0	2000/2200	7.8	75	15.3	2000/2200	9.2	79	70
HB-6375	10	3ph/380v	15.6	4200/5800	5.2	75	19.6	4500/6750	6.2	79	81
HB-6475	10	3ph/380v	15.6	2400/2700	7.8	75	19.6	2600/2700	9.2	79	81



HB-129



HB-229, 229L



HB-529, 529L
HB-629, 629L



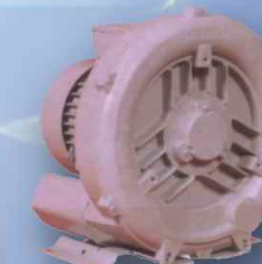
HB-429, 429L



HB-729, 829



HB-3319, 3326



HB-329, 329L

HB Series Ring Blower



HB-6455, 6475



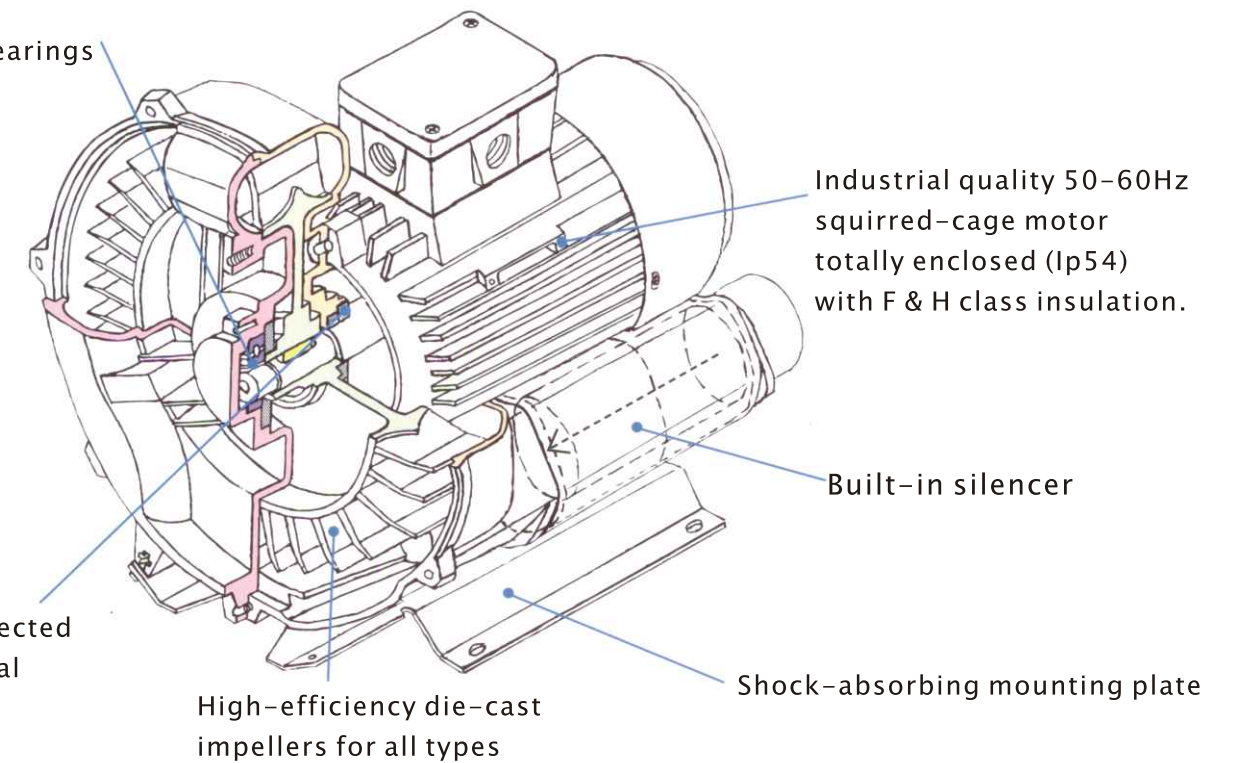
HB-6346, 6355, 6375



HB-4337, 4346



Cool-running
Long-life
External bearings



MOTORS:

Bolwers are driven by 2-pole TEFC motors with (Ip54) protection and class F insulation.

SHAFT SEAL:

Maintenance-Free shaft seal separated the motor from the impeller.

CASING:

The casing for the impeller and the motor are individually cast.

SILENCER:

The inlet and outlet are constructed as silencers.

INSTRUCTION FOR OPERATION

Blowers are designed for handling air, other non-explosive gases and gas-air mixtures completely oil-free at medium temperatures up to 40°C The same blower can be used either as a vacuum pump or as a compressor. In order to avoid an over load of the motor, blowers with limited performance curves in the high pressure range should be fitted-depending on the application-with the relative pressure relief valves. Pressure relief valves can be mounted directly on the outlet, vacuum relief valves directly on the inlet of the blower.

SELECTION EXAMPLE

1. If the suction capacity and vacuum pressure are known(from measurement of experience) then the blower can be chosen using the selection table.
2. The selected pump type is for 220/380 V. If a different motor voltage is required, please specify for production.

EASY INSTALLATION

The well-equipped blower can be easily installed at any place, any time, for air-compressing or air-vacuuming: can be set vertically or horizontally.

HIGH RELIABILITY

In the high pressure field, the blower is unique in durability of use, even when circumstance sudden changes it can still run safely and smoothly. Because of its simlpicity in design, it needs almost no maintenance. With fine-cooling outer bearing, the blower also has the following strong points:

1. High pressure.
2. The bearing operates with low temperature.
3. The lubrication gives extra durability in use.
4. Easy maintenance.

LOW NOISE LEVEL

Low-noise motor plus a strong silenser gives no noise.

OPERATING PRINCIPLE

When leaf wheel operates, it will create some air flow, whichwill be enforced by the surrounding air, and eventually the total air body will be pressured and moved to the air outlet and then goes out.

NO GREASE, NO POLLUTION

The leafwheel, when in operation, is isolated from otherparts of the machine, no need lubrication, so this means no cause of pollution at all.

HIGHEST QUALITY

With best design, sound testing and inspecting procedure,the maching has the professionally-made number one qualityin each of its parts, With the standard IP54F insulation motorth the blower gives best performance and efficiency, and low malfunctionrate....The isolation between the motor and the blower can avoid the hassle of unwanted object getting in.