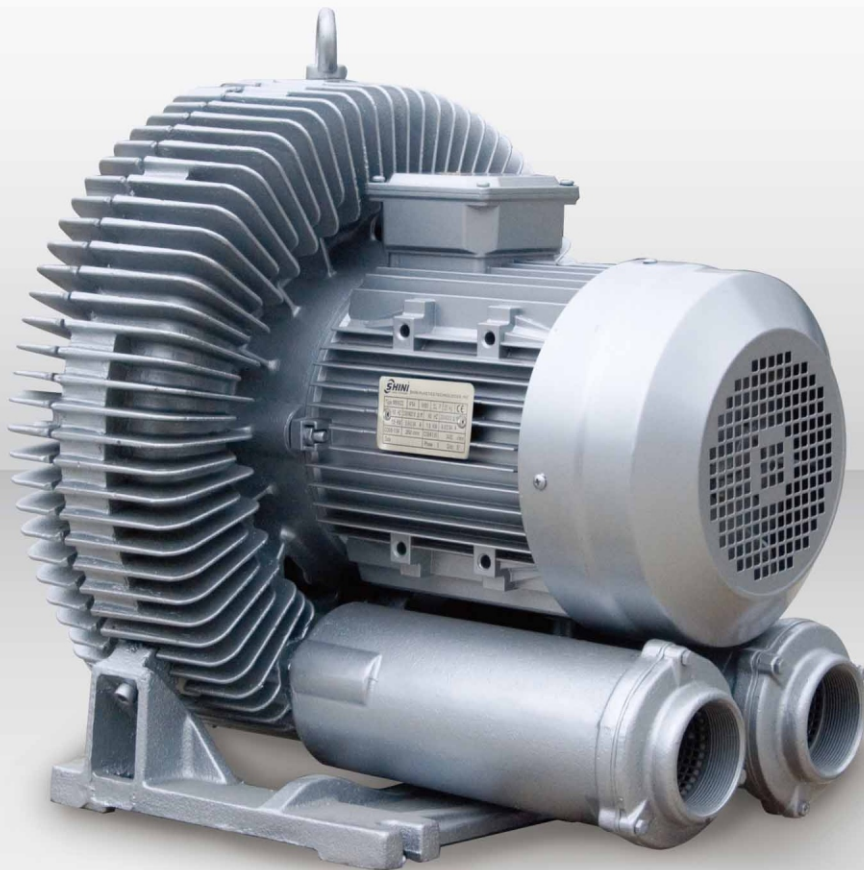




Ring Blower

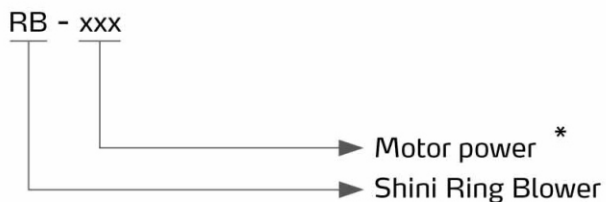
RB-850



Refer carefully to this manual before operation.

RB Series

■ Coding Principle



Note: *

125=200W 205=400W 310=750W 420=1500W
535=2400W 550=3750W 750=5500W 850=7500W

■ Features

- Easily moveable and easy access to installation.
- Equipped with damping base and silencer, low-noise motor ensures quiet running.
- Impeller running without contacting accessories, free from lubrication to ensure no contamination.
- Applicable for 50/60Hz wide voltage range motor.
- CE Conformity ensures high-quality.



RB-205

■ Application

- Pneumatic conveying
- Vacuum lifting and clamping
- Packaging
- Ventilation of sewage treatment plants
- Bagging/Bottling/Canning Systems
- Foam molding
- Food processing
- Ventilation



RB-535

■ Working Principle

When impeller is revolving, the air among impeller will be speedup by running pressure along and bypass blade. After the air being forced to enter outboard cycle, it'll come back to the blade base by pressure gap and be speedup. In a while, the ambient air is running in screw direction to reach increasing pressure effect. When the air worked into exhausting process, the pressure is exceeding system pressure and the gas will be discharged outside.



■ Three-phase Motor 50Hz Suck/Spit Performance Table

Curve Number	Model	Power (kW)	Voltage (VAC)	Rated Current (A)	Voltage (VAC)	Rated Current (A)	Suck/Spit Pressure Gap(mbar)	Maxi.air Volume (m ³ /min)	Noise (dB)	Weight (kg)
R1	RB-125	0.2	220-240	0.89	380-415	0.67	63/75	1.5	83.3	11
R2	RB-205	0.4	220-240	1.74	380-415	1.05	130/160	2	84.1	12
R3	RB-310	0.75	220-240	2.83	380-415	1.83	212/248	2.8	87.3	18
R4	RB-420	1.5	220-240	5.8	380-415	3.1	237/290	4.4	87.7	25
R5	RB-535	2.4	220-240	11	380-415	6	311/427	6.1	92.1	30
R6	RB-550	3.75	220-240	12.7	380-415	7.1	317/440	6.1	92.7	35
R7	RB-750	5.5	220-240	16.8	380-415	10.9	342/480	12.1	96.5	134
R8	RB-850	7.5	220-240	25.5	380-415	14.8	350/485	12.1	96	136

We reserve the right to change specifications without prior notice.

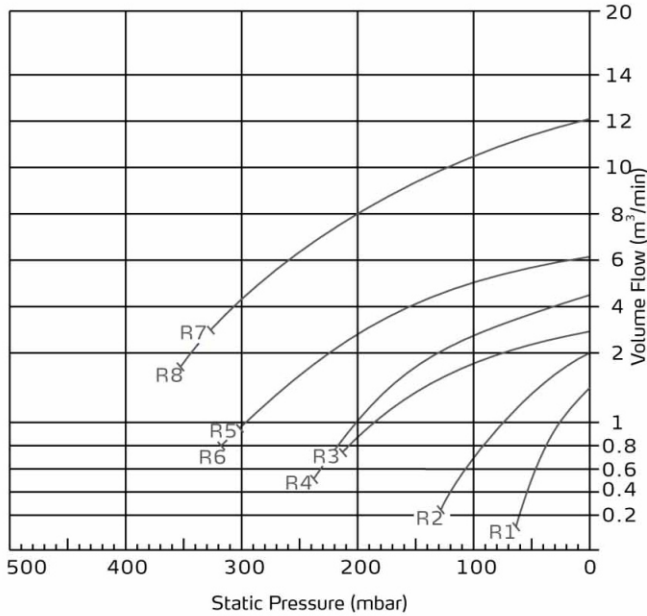
■ Three-phase Motor 60Hz Suck/Spit Performance Table

Curve Number	Model	Power (kW)	Voltage (VAC)	Rated Current (A)	Voltage (VAC)	Rated Current (A)	Suck/Spit Pressure Gap(mbar)	Maxi.air Volume (m ³ /min)	Noise (dB)	Weight (kg)
S1	RB-125	0.3	220-240	1.08	380-415	0.72	88/98	1.9	83.3	11
S2	RB-205	0.5	220-240	1.79	380-415	1.07	135/148	2.1	84.1	12
S3	RB-310	0.9	220-240	2.92	380-415	1.85	262/318	3.6	87.3	18
S4	RB-420	1.8	220-240	6.4	380-415	3.9	299/390	5.2	87.7	25
S5	RB-535	3	220-240	12.4	380-415	7.2	373/530	7	92.1	30
S6	RB-550	4.5	220-240	14.8	380-415	9.2	380/550	7	92.7	35
S7	RB-750	6.3	220-240	20.4	380-415	13.2	413/635	14	96.5	134
S8	RB-850	8.6	220-240	25.2	380-415	14.6	434/640	14	96	136

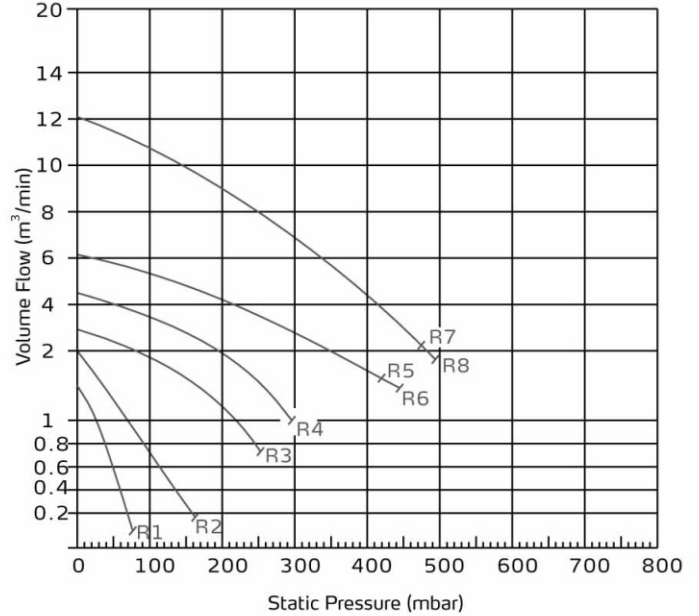
We reserve the right to change specifications without prior notice.

RB Series

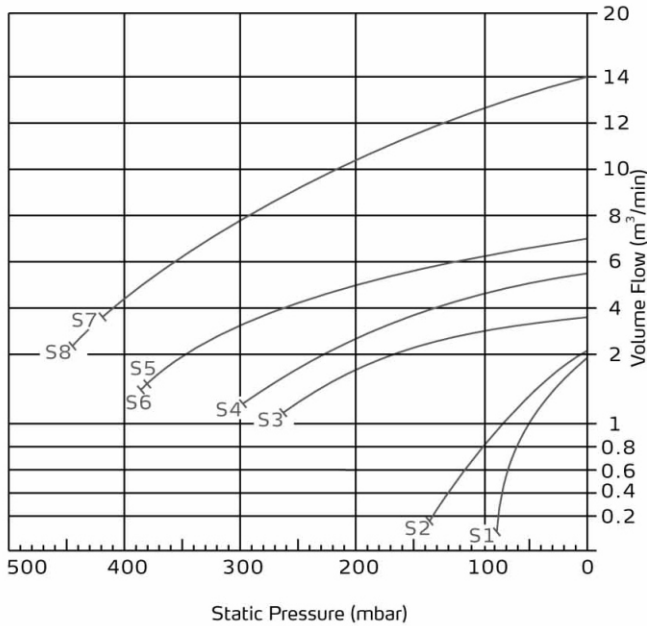
■ Three-phase Motor 50Hz
Suck Curve Chart



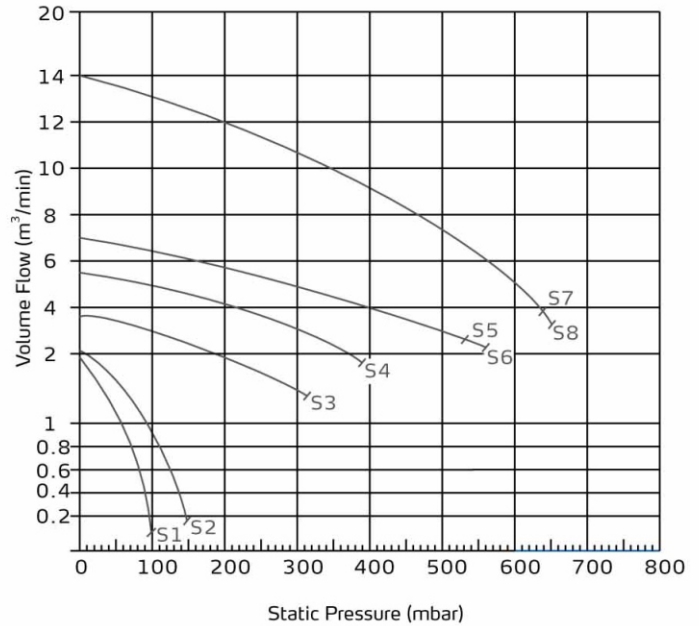
Three-phase Motor 50Hz
Spit Curve Chart



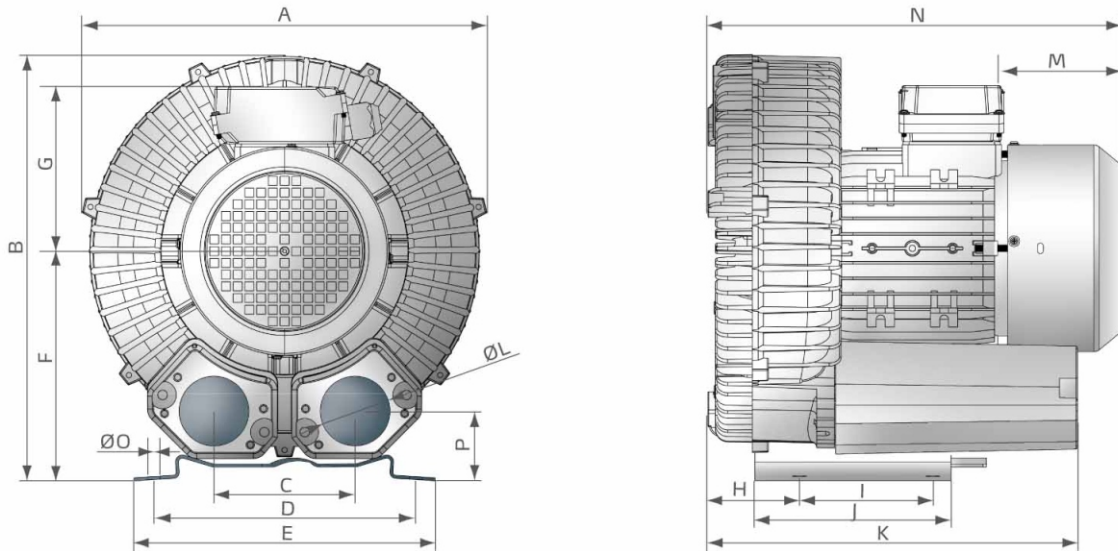
Three-phase Motor 60Hz
Suck Curve Chart



Three-phase Motor 60Hz
Spit Curve Chart



■ Outline Drawings



■ Installation Dimension

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
RB-125	240	260	100	205	230	130	105	75	82	108	265	39	120	290	10	35
RB-205	250	260	95	205	230	130	105	65	82	100	230	39	80	270	10	35
RB-310	300	305	118	225	257	150	125	70	90	130	250	44	90	300	12	70
RB-420	340	350	125	255	296	180	135	90	115	155	300	57	85	335	14	40
RB-535	390	395	125	290	342	195	60	120	140	180	350	57	105	395	14	65
RB-550	390	395	125	290	342	195	60	120	140	180	350	57	105	395	14	65
RB-750	510	590	150	365	430	280	190	60	280	320	510	72	220	510	16	75
RB-850	510	590	150	365	430	280	190	60	280	320	510	72	220	510	16	75

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