

www.airblowerservices.com

1.630.372.9222

**ALL STAR™**

Regenerative Blowers  
Vacuum Pumps

	je	Hz	HP	kW	SCFM	Pressure mbar	"H2O	Vacuum mbar	"H2O	Noise Level	Net Weight kg	lbs
RB6-305-2	2	60	3.5	2.6	228	222	89	219	88	77 db(A)	33	73
RB6-305-3	3	50		2.2	190	228	91	222	89	72 db(A)	33	73
RB6-5-2	2	60	5	3.7	228	296	119	279	112	77 db(A)	36	79
RB6-5-3	3	50		3.4	190	290	116	257	104	72 db(A)	36	79
RB6-601-3	3	60	6.1	4.6	228	321	129	312	125	77 db(A)	38	84
		50		4	190	326	131	270	108	72 db(A)	38	84

\*Refer to curves below for detailed performance data. Data subject to change without notice. Actual performance may vary by ±10%.

### STANDARD FEATURES

- Housing - Aluminum
- Impeller - Aluminum, dynamically balanced
- Direct drive impeller
- Shock absorbing mounting base
- Quiet operation - below OSHA limits
- Inlet & outlet silencers included
- Motor shaft seal standard
- IP 54 TEFC 2 pole squirrel cage ac motor
- 40 Deg C ambient
- Class H insulation 1.15 service factor
- Performance tested ANSI/AMCA210-85
- Voltage
  - 1 = 1/60/50/115/230
  - 2 = 1/60/50/230
  - 3 = 3/60/208-230/460 3/50/220/380

### 3/60/208-230/460 & 3/50/220/380

- RB6-305-3 replaces HB-529
- RB6-5-3 replaces HB-629
- RB6-601-3 replaces HB-639

### 1/60/50/115/230

- RB6-305-2 replaces HB-529-1
- RB6-5-2 replaces HB-629-1

### REQUIRED ACCESSORIES

Note: To obtain warranty coverage a relief valve and filter are required.

- Pressure Relief Valve RV-01
- Pressure Relief Valve RVA-01

- Vacuum Relief Valve RV-01
- Vacuum Relief Valve RVA-01

- Pressure Intake Air Filter F231P-200
- Vacuum Air Filter CSL-851-200HC



CE

ISO 9001

RoHS Compliant

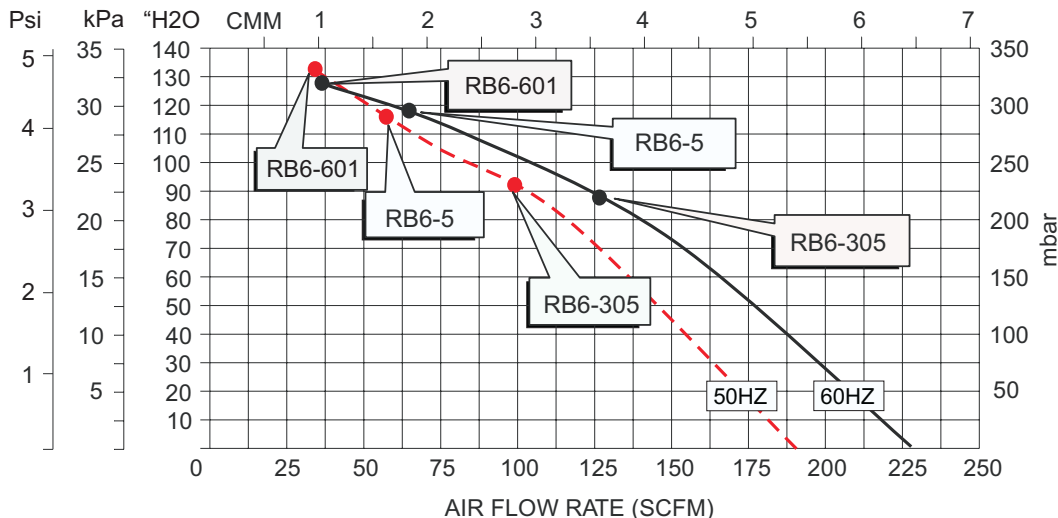
### TECHNICAL DATA

[Available online [www.all-star-usa.com](http://www.all-star-usa.com)]

- Performance Temperature Rise Curves
- AutoCad files
- Parts List
- Full amperage

### PRESSURE DATA CURVES ±10%

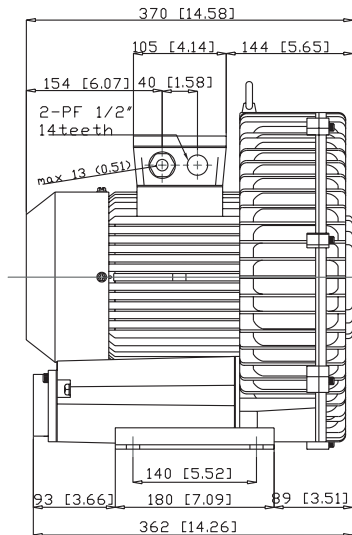
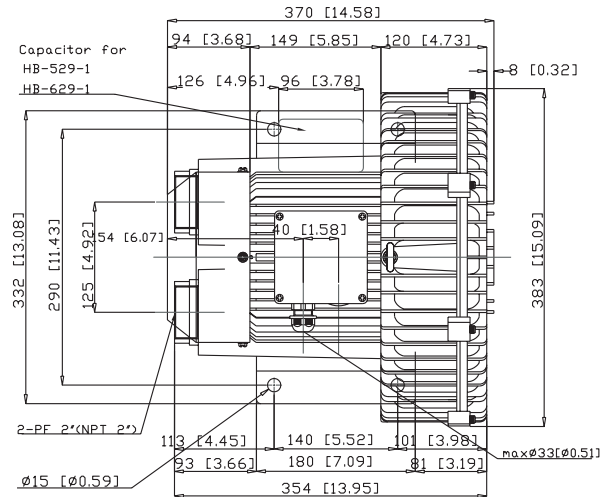
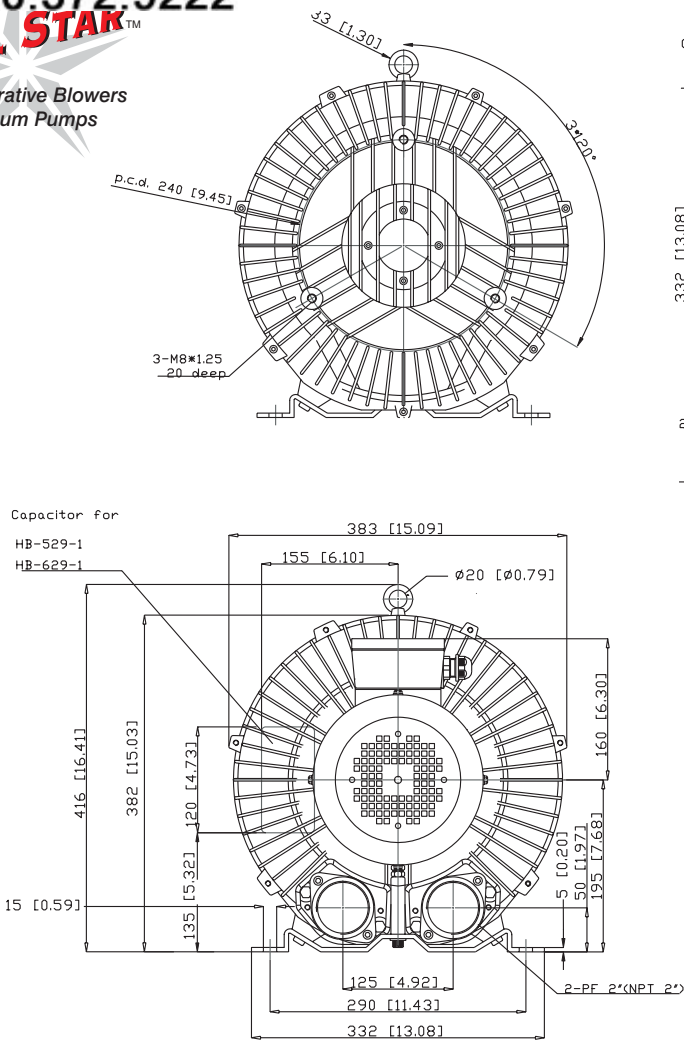
[See reverse side for Vacuum Curves]



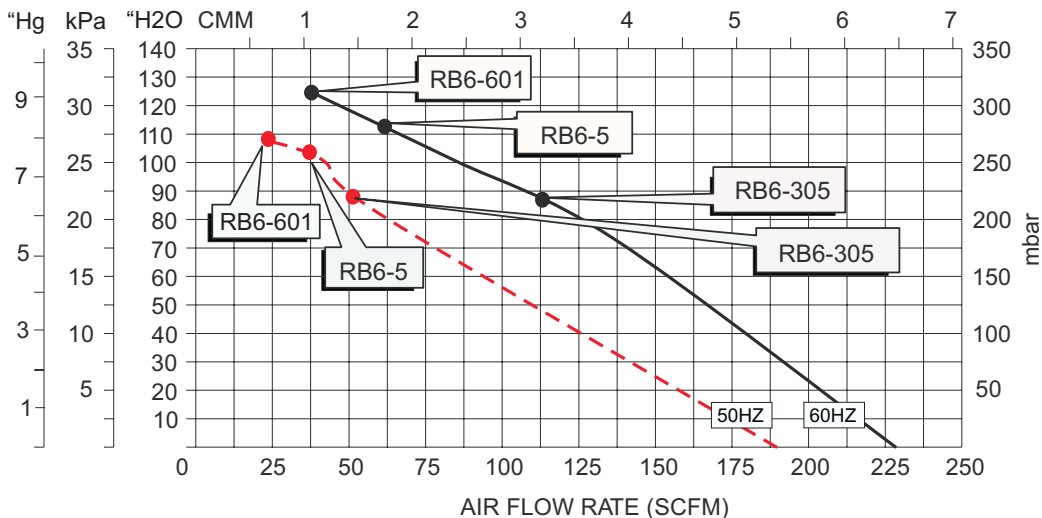
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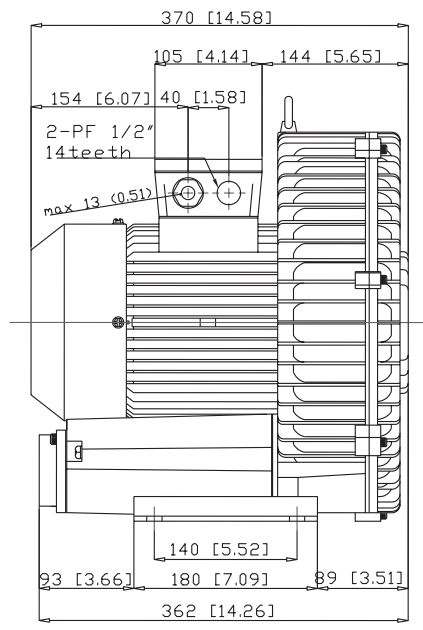
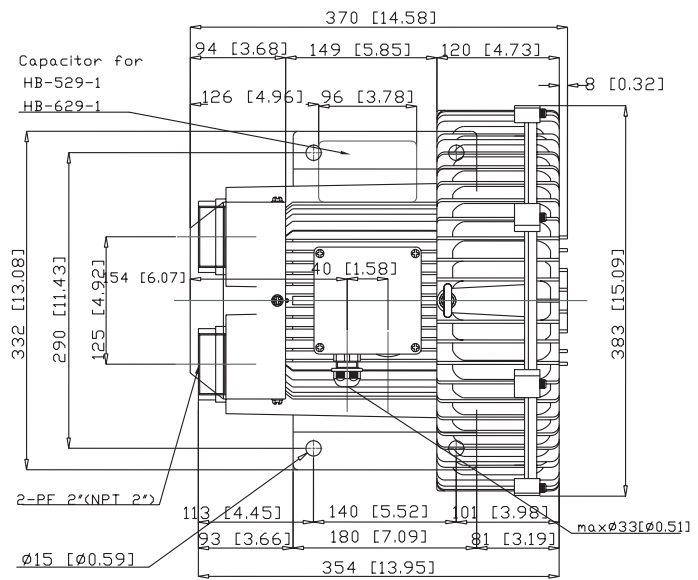
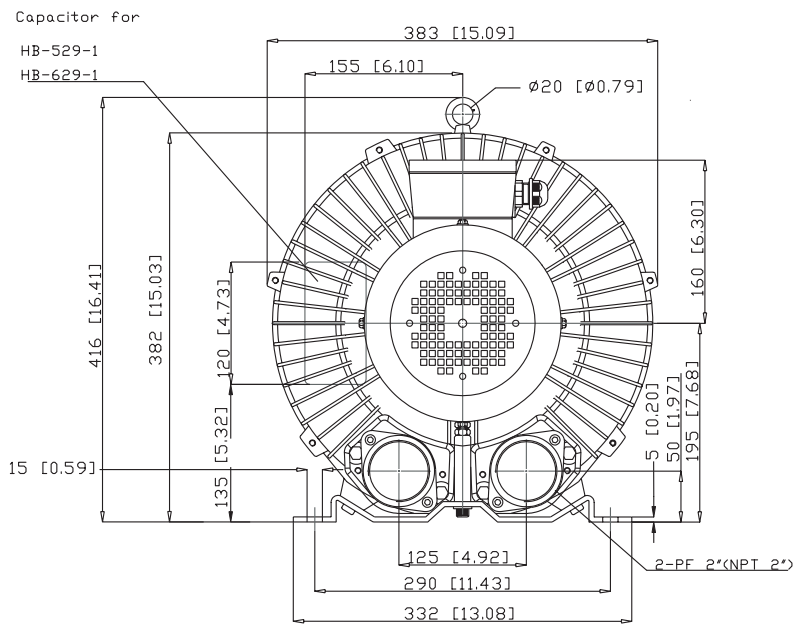
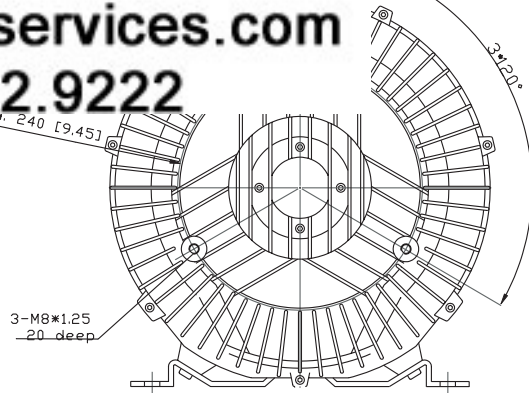
### VACUUM DATA CURVES ±10%



Air

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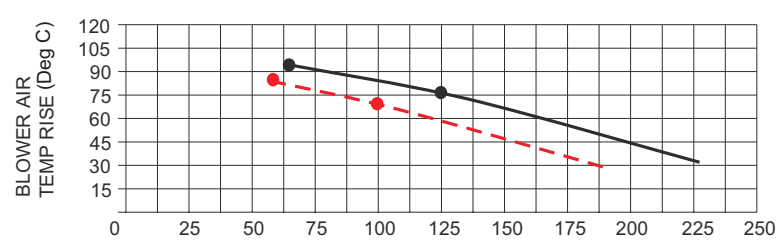
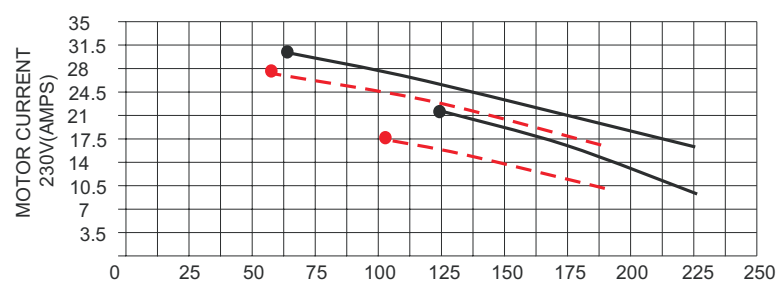
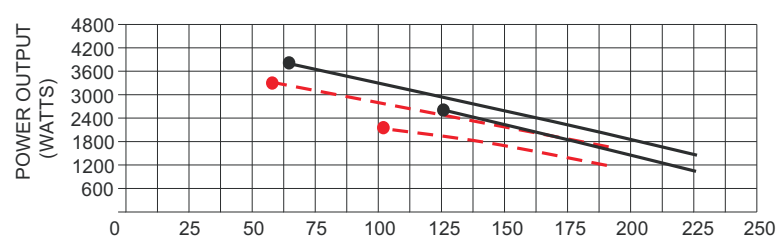
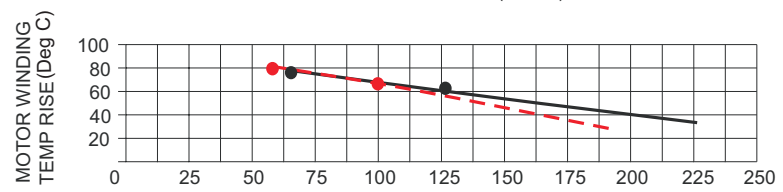
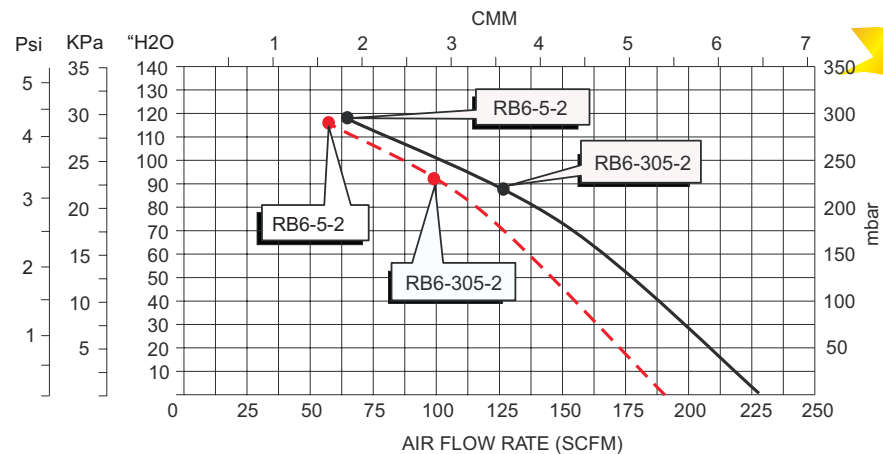


## B6 Series - Pressure - Single Phase

60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

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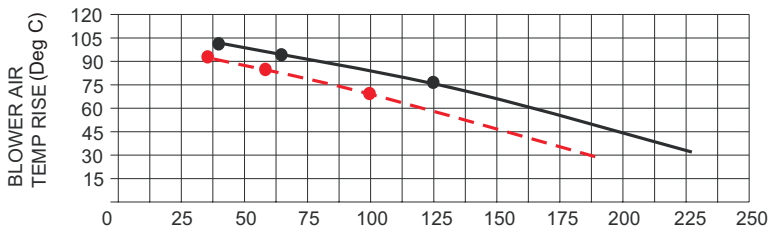
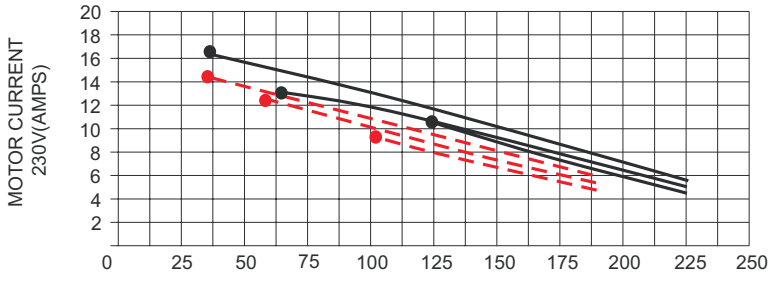
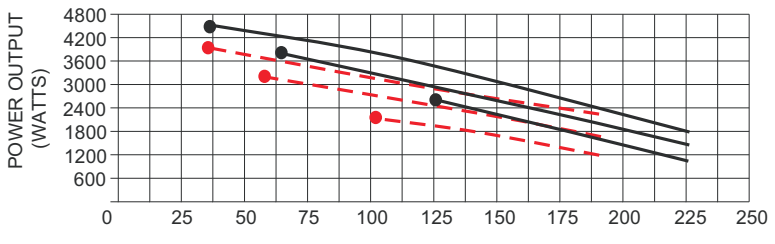
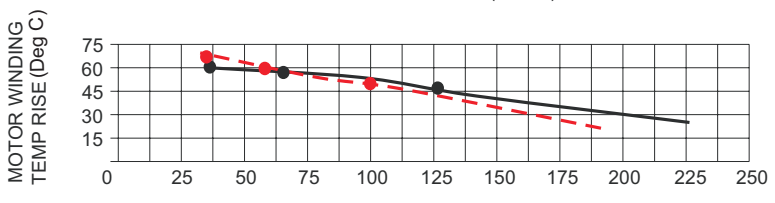
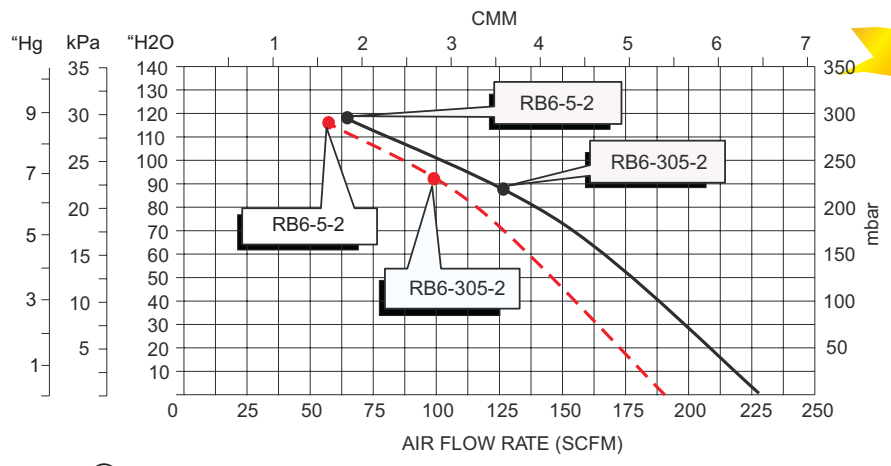


## B6 Series - Vacuum - Single Phase

60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

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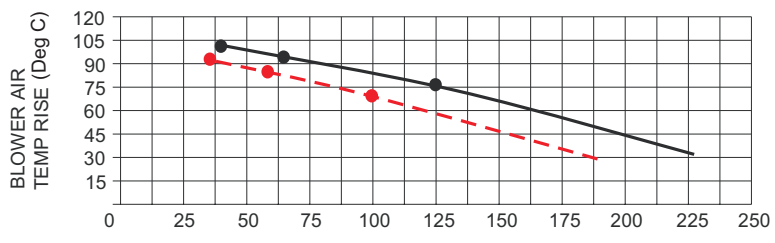
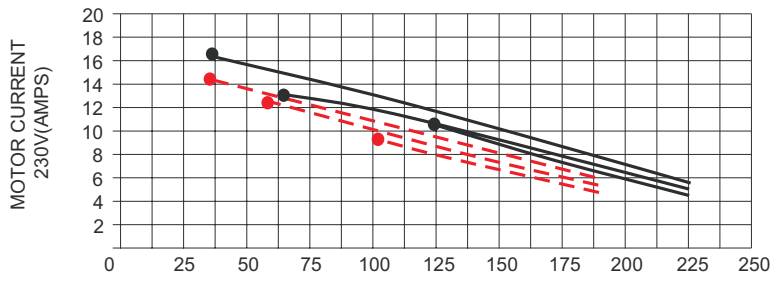
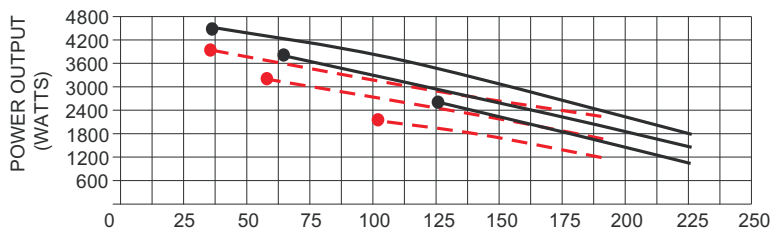
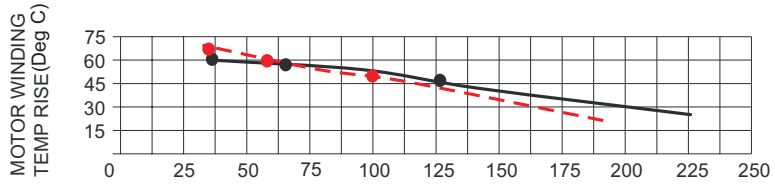
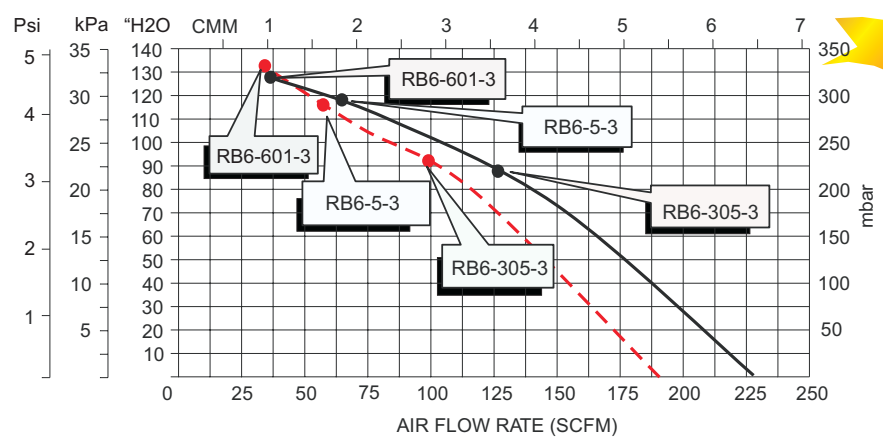
## B6 Series - Pressure - Three Phase

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60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

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## B6 Series - Vacuum - Three Phase

60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

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