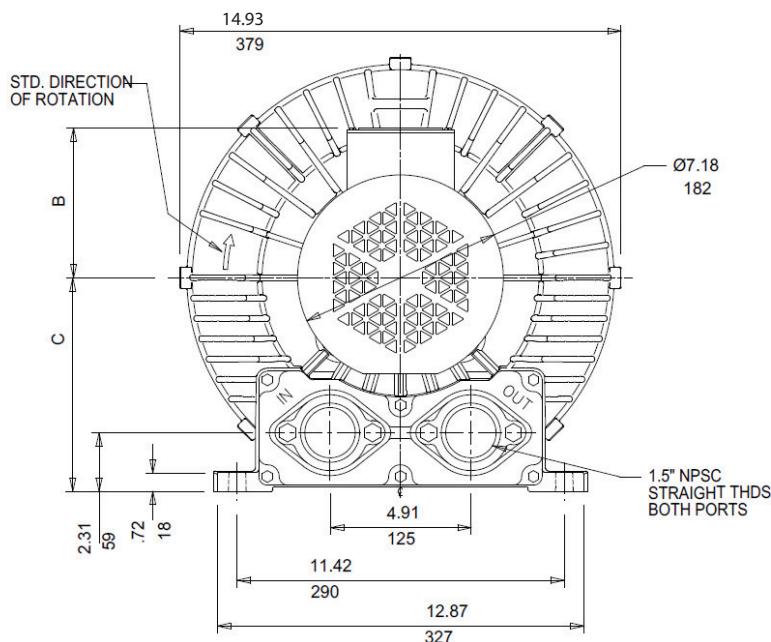
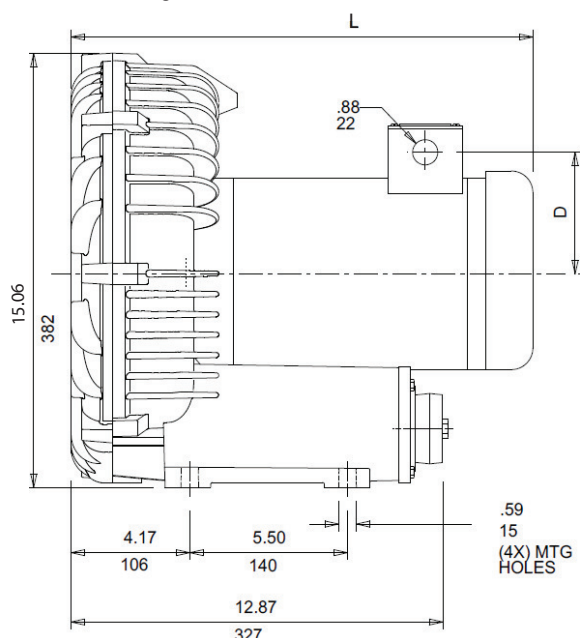


Industrial / Chemical Processing Blowers

DR 555 & CP 555

3.0 / 4.0 HP Regenerative Blower

ROTRON®



NOTES

- 1 TERMINAL BOX CONNECTOR HOLE .88 (22) DIA.
- 2 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
- 3 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

MODEL	L (IN/MM)
DR555CK72	17.44/443
DR555K72	16.12/409
DR555K58	17.38/441

		Part/ Model Number					
		DR555CK72	DR555CK86	DR555K72	DR555K58	DR555K86	CP555CS72MLR
Specification	Units	081100	081102	081099	081098	081101	038245
Motor Enclosure - Shaft Mtl.	-	TEFC - CS	TEFC - CS	TEFC - CS	TEFC - CS	TEFC - CS	CHEM TEFC - SS
Horsepower	-	4.0	4.0	3.0	3.0	3.0	3.0
Voltage	AC	230/460	575	230/460	115/230	575	230/460
Phase - Frequency	-	Three - 60 Hz	Three - 60 Hz	Three - 60 Hz	Single - 60 Hz	Three - 60 Hz	Three - 60 Hz
Insulation Class	-	F	F	F	F	F	F
NEMA Rated Motor Amps	Amps (A)	10/5	4.1	7.6/3.8	25.6/12.8	3	7.6/3.8
Service Factor	-	1.15	1.15	1.15	1.0	1.0	1.15
Max. Blower Amps	Amps (A)	13/6.5	4.2	8.8/4.4	28/14	3.4	8.8/4.4
Locked Rotor Amps	Amps (A)	94/47	80	88/44	194/97	70	88/44
NEMA Starter Size	-	1/0	0	0/0	1.5/1	0	0/0
Shipping Weight	Lbs	113	137	96	91	90	90
	Kg	51.3	62.1	43.5	41.3	40.8	40.8

Operating Temperatures -

Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.

Maximum Blower Amps - Corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

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Customer Service Fax: +1 215.256.1338
www.ametekdfs.com

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- CE compliant - Declaration of Conformity on file
- Maximum flow: 190 SCFM
- Maximum pressure: 115 IWG
- Maximum vacuum: 92 IWG
- Standard motor: 4.0 HP, TEFC
- Cast aluminum blower housing, impeller & cover; cast iron flanges (threaded)
- UL & CSA approved motor with permanently sealed ball bearings
- Inlet & outlet internal muffling
- Quiet operation within OSHA standards

MOTOR OPTIONS

- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepower for application-specific needs

BLOWER OPTIONS

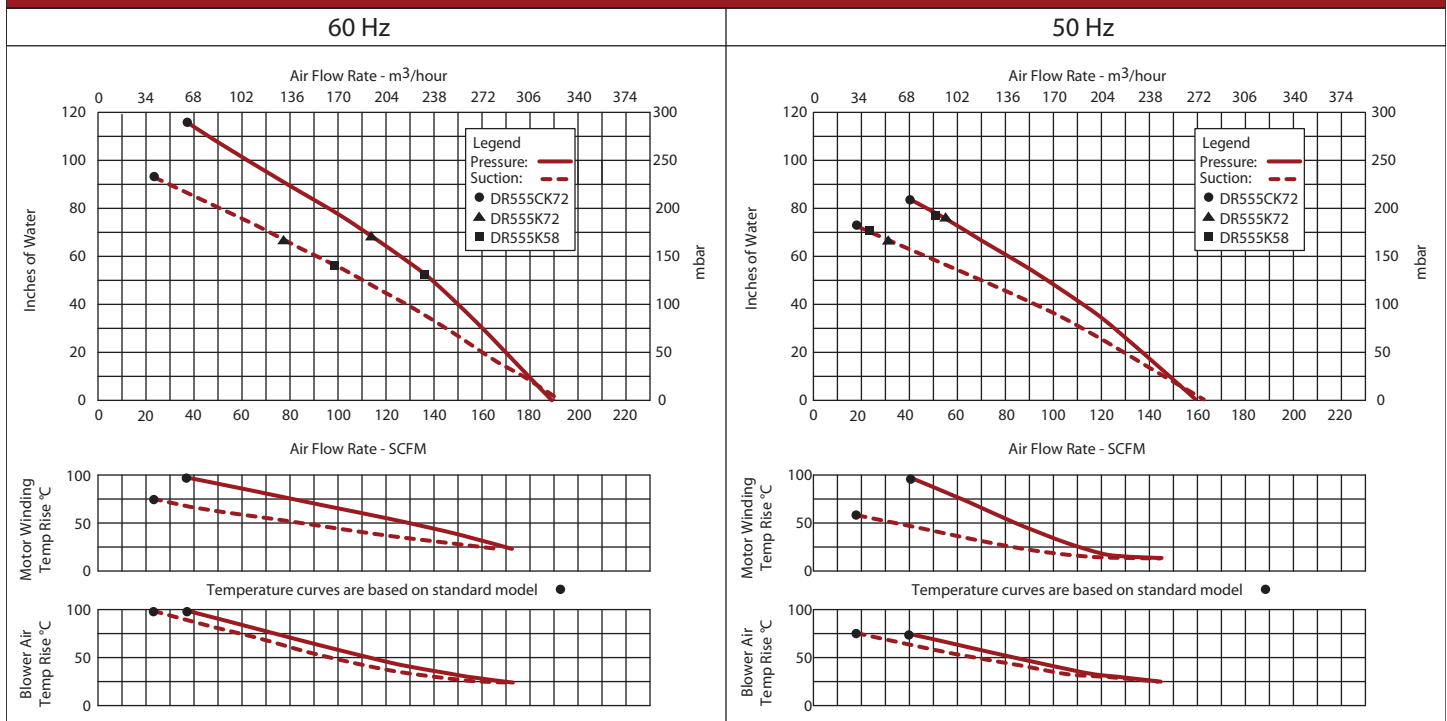
- Corrosion resistant surface treatments & sealing options
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- Switches - air flow, pressure, vacuum, or temperature
- External mufflers for additional silencing
- Air knives (used on blow-off applications)
- Variable frequency drive package



Blower Performance at Standard Conditions



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