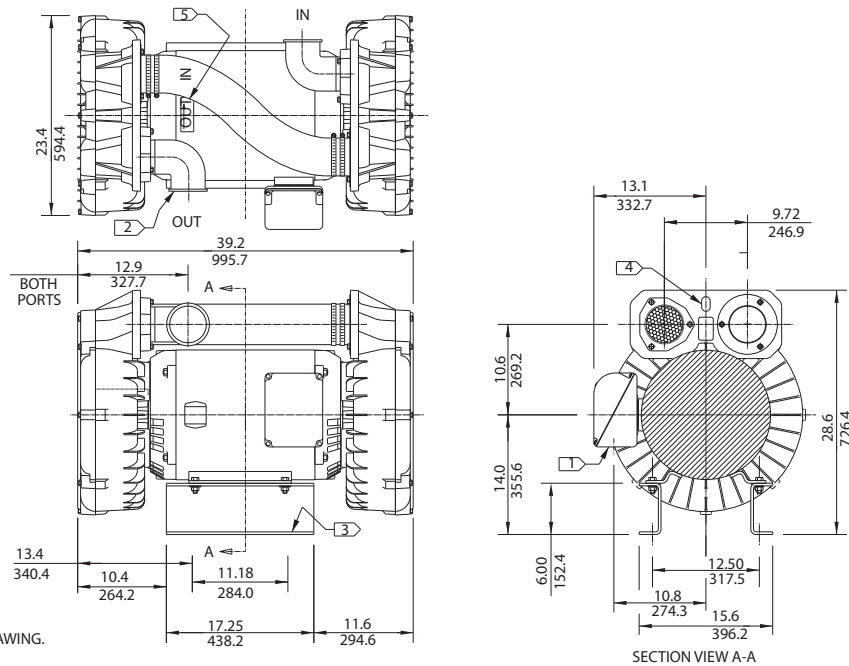


DR S15

40.0 HP High Pressure Regenerative Blower



IN
MM

NOTES

- 1) TERMINAL BOX CONNECTOR HOLE .88 (22) DIA.
- 2) 4-8 NPSC FEMALE THREAD, BOTH PORTS.
- 3) FOUR MOUNTING SLOTS .75 (19) X 2.00 (50.8).
- 4) TWO LIFTING SLOTS 1.00 (25.4) X 1.70 (43.2).
- 5) LABEL INDICATES ROTATION DIRECTION AND "IN & OUT" PORT LOCATIONS.

6 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
7 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

Specification	Units	Part/ Model Number	
		DRS15BQ72 081502	DRS15BQ86 TBD
Motor Enclosure - Shaft Mtl.	-	ODP-CS	ODP-CS
Horsepower	-	40	40
Voltage	AC	230/460	575
Phase - Frequency	-	Three-60 Hz	Three-60 Hz
Insulation Class	-	F	F
NEMA Rated Motor Amps	Amps (A)	96/48	38.4
Service Factor	-	1.15	1.15
Max. Blower Amps	Amps (A)	140/70	52
Locked Rotor Amps	Amps (A)	630/315	216
NEMA Starter Size	-	4/3	3
Shipping Weight	Lbs	923	923
	Kg	418.7	418.7

Voltage - ROTRON motors are designed to handle a broad range of world voltages and power supply variations. Our dual voltage 3 phase motors are factory tested and certified to operate on both: **208-230/415-460 VAC-3 ph-60 Hz** and **190-208/380-415 VAC-3 ph-50 Hz**. Our dual voltage 1 phase motors are factory tested and certified to operate on both: **104-115/208-230 VAC-1 ph-60 Hz** and **100-110/200-220 VAC-1 ph-50 Hz**. All voltages above can handle a ±10% voltage fluctuation. Special wound motors can be ordered for voltages outside our certified range.

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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FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- CE compliant - Declaration of Conformity on file
- Maximum flow: 925 SCFM
- Maximum pressure: 200 IWG
- Maximum vacuum: 134.7 IWG
- Standard motor: 40 HP, ODP
- Cast aluminum blower housing, impeller & cover; cast iron flanges (threaded)
- UL & CSA approved motor with permanently sealed ball bearings
- Quiet operation within OSHA standards when properly piped or muffled - 1 inlet muffler included (part# 516264)

MOTOR OPTIONS

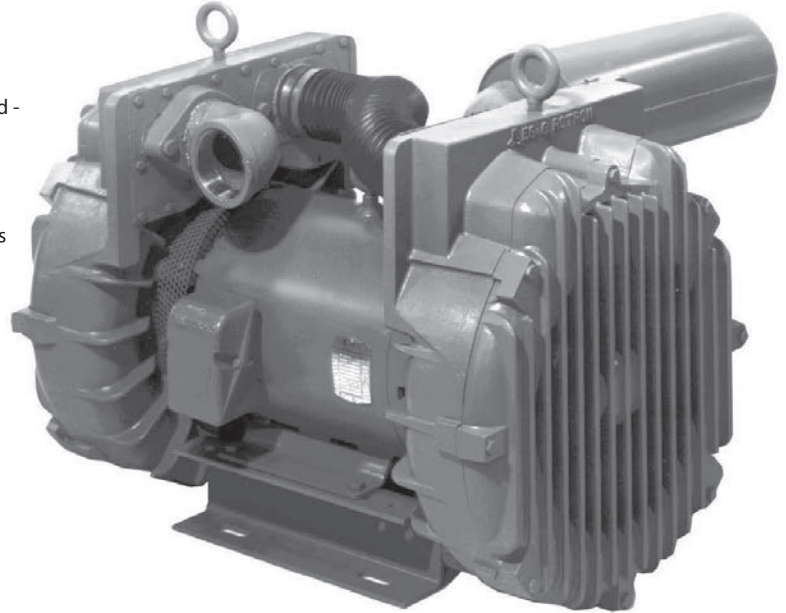
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepower for application-specific needs

BLOWER OPTIONS

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

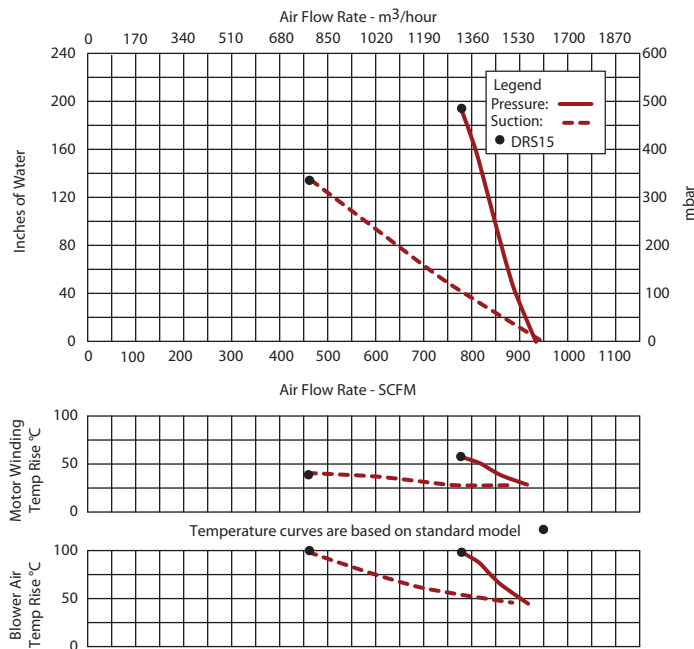
ACCESSORIES

- 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

60 Hz



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