

RG-830 Open Drive Screw Compressor

Specifications



Compressor	Displacement	CFM	60 Hz	480
	Rated Speed	Rpm	Max	4500
	Rated Speed	Rpm	Min	1500
	Number of lobes per Rotor MR/FR			5/6
	Volume Ratio	Adjustable VI		2.6 ~ 5.1
	Capacity Control	%		25%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls
	Sound Pressure Level*	dB(A)		90
Lubricant Charge using External Oil Separator				Oil Volume (gallons or Litter) based on displacement (cfm)
Design Pressure	lb/in ² G (kg/cm ²)			398 / 28
Weight	Pounds			1131

*1. Sound pressure level is based on ISO-2151, R22, 50 Hz, SST -30°C/SCT 40°C to be measured.

2. ±2 dB(A) tolerance of sound pressure level is expected due to difference in operating conditions and motor noise conditions.

Standard Compressors Accessories

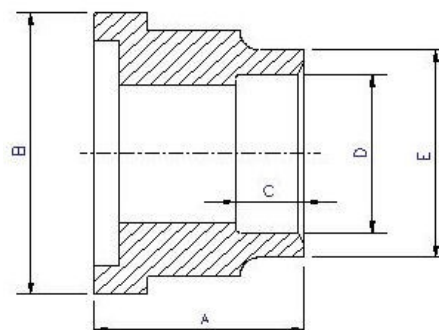
- Multiple spring type mechanical seal which ensures even loading of seal surface
- Discharge temperature thermistor for compressor protection
- Capacity indicator
- Modulating Slide Capacity
- Discharge Check Valve
- Discharge Service Valve (Discharge Stop Valve) with standard connection sizes and supplied with flanges and bushings
- Suction Check Valve
- Suction Service Valve (Suction Stop Valves) with standard connection sizes and supplied with flanges and bushings

Ports

- Suction Filter
- Flanged-on motor mounting available
- Oil Inlet
- Liquid Injection (into screw chamber)
- Economizer
- Suction, Discharge & Oil Service

Connections

Discharge Stop Valve	4"
Discharge Check Valve	4"
Suction Stop Valve	5"
Oil Inlet	1 1/8" ODF
Economizer	1 1/8" ODF
Liquid Injection (chamber)	5/8" ODF
Discharge Side	Copper Pipe Sizing 4 1/8"
Suction Side	Copper Pipe Sizing 5 1/8"



A B C D E

3"	5.71"	1.97"	4.14"	4.7"
2.95"	6.8"	1.38"	5.14"	5.77"