

RG-1270 Open Drive Screw Compressor

Specifications



Compressor	Displacement	CFM	60 Hz	746
	Rated Speed	Rpm	Max	3600
	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)		93
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			2570

*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	6"					
Discharge Check Valve	6"					
Suction Stop Valve	8"					
Oil Inlet	1 1/8" ODF					
Economizer	1 1/2" ODF					
Liquid Injection (chamber)	1 1/8" ODF					
		A	B	C	D	E
Discharge Side	Steel Pipe Sizing 6"	2.95"	8.46"	1.57"	6.56"	7.16"
Suction Side	Steel Pipe Sizing 8"	2.95"	10.23"	1.57"	8.58"	9.49"

