



RC2-180A Screw Compressor-R134a

Specifications

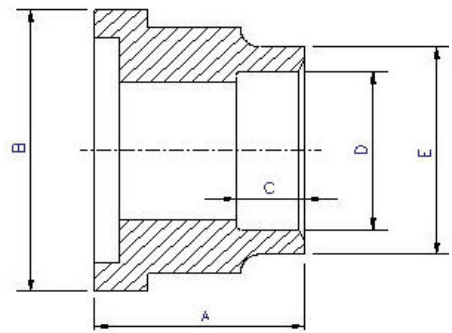
Compressor	Displacement	CFM	60 Hz	127
	Rated Speed	Rpm	60 Hz	3550
	Nominal Hp			42 at 60Hz
	Volume Ratio	Vi		2.6 (standard other Vi available)
	Capacity Control	%		33%,66% & 100% Step Capacity Control, 33%~100% Continuous Stepless Capacity Controls
	Lubrication			Differential Pressure Feed Lubricant
Motor	Type			3 Phase, 2 Pole, Squirrel Cage, Induction Motor
	Insulation			Class F
	Protection			3 PTC Protection 1 per winding
Lubricant Charge	Gallons			1.9
Oil Heater	Watts			150
Hydrostatic Pressure test	lb/in ² G			597
Weight	Pounds			661

Standard Compressors Accessories

- Modulating Slide Capacity
- Weather Proof Terminal Box for outdoor applications
- 115/1/60 Control Voltage
- 115/1/60 Crankcase heater
- Discharge Check Valve
- Discharge Service Valve (Discharge Stop Valve) with standard connection sizes and supplied with flanges and bushings
- Suction Service Valve (Suction Stop Valves) with standard connection sizes and supplied with flanges and bushings
- Oil Level Float Switch
- Suction Filter
- Oil Filter
- PSI Relief Valve
- Oil Sight Glass
- PT1000 for Reading Motor Temp
- INT69HBY supporting motor and discharge (PTC) temperature sensor protection as well as Phase Loss and Phase Reversal at Start Up Only

Ports

- External Oil Cooler
- Liquid Injection (into screw chamber)
- Economizer
- Suction, Discharge & Oil Service



Connections

Discharge Stop Valve	1 1/2"					
Discharge Check Valve	1 1/2"					
Suction Stop Valve	2 1/2"					
Economizer	5/8" solder					
Liquid Injection (chamber)	5/8" flare	A	B	C	D	
Discharge Side	Copper Pipe Sizing 1 5/8"	2.05"	2.95"	1.38"	1.64"	2.05"
Suction Side	Copper Pipe Sizing 2 5/8"	2.36"	4.33"	1.38"	2.63"	3.03"

MCC & LRA

Optimized for R134a

Hertz	Volts	Maximum Continuous Current	Y-Δ		Part Wind Start	
			Locked Rotor Amps (Y)	Locked Rotor Amps (D)	Locked Rotor Amps (D)	Locked Rotor Amps (DD)
60	220	202	198	595	305	610
60	460	96	108	325	163	325