



RC2-620A Screw Compressor-R134a

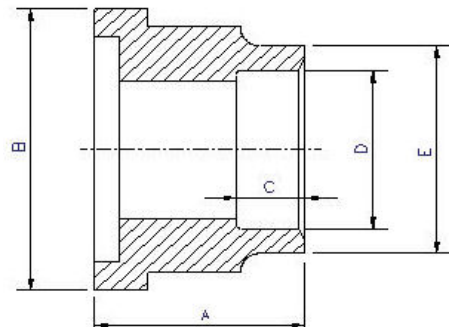
Specifications		Displacement	CFM	60 Hz	438
Compressor	Rated Speed	Rpm	60 Hz	3550	
	Volume Ratio	Vi		2.6 (standard other Vi available)	
	Nominal Hp			137 Hp at 60 Hz	
	Capacity Control	%		35%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls	
	Lubrication			Differential 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			6.1	
Oil Heater	Watts			300	
Hydrostatic Pressure test	lb/in ² G			597	
Weight	Pounds			1940	

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	3"					
	Discharge Check Valve	3"					
Suction Stop Valve	5"						
Economizer	1 1/8" solder						
Liquid Injection (chamber)	5/8" flare	A	B	C	D	E	
Discharge Side	Copper Pipe Sizing 3 1/8"	2.59"	4.72"	1.77"	3.14"	3.54"	
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.13"	5.77"	

MCC & LRA

Optimized for R134a

Hertz	Volts	Maximum Continuous Current	Y-Δ	
			Locked Rotor Amps (Y)	Locked Rotor Amps (D)
60	460	315	428	1285