



## RC2-470B Screw Compressor

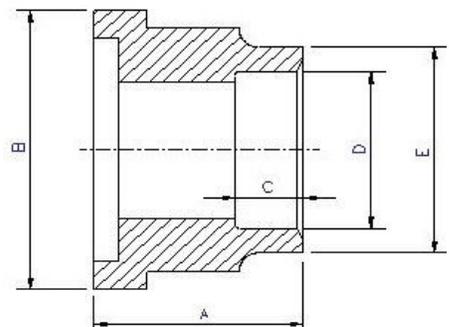
Specifications		Displacement	CFM	60 Hz	334	
<b>Compressor</b>	Rated Speed	Rpm	60 Hz	3550		
	Volume Ratio	Vi		2.6 (standard other Vi available)		
	Nominal Hp	170 Hp at 60 Hz				
	Capacity Control	%		25%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls		
	Lubrication	Differential Pressure Feed Lubricant				
	<b>Motor</b>	Type	3 Phase, 2 Pole, Squirrel Cage, Induction Motor			
Insulation		Class F				
Protection		3 PTC Protection 1 per winding				
<b>Lubricant Charge</b>	Gallons	4.8				
<b>Oil Heater</b>	Watts	300				
<b>Hydrostatic Pressure test</b>	lb/in <sup>2</sup> G	597				
<b>Weight</b>	Pounds	1786 Comp. (skid 66x33x37 - Crated weight 2211)				

### Standard Compressors Accessories

- Modulating Slide Capacity
- Weather Proof Terminal Box for outdoor applications
- 115/1/60 Control Voltage
- 115/1/60 Crankcase heater
- Horizontal 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		A	B	C	D	E
<b>Discharge Stop Valve</b>	2 1/2"					
<b>Horizontal Discharge Check Valve</b>	2 1/2"					
<b>Suction Stop Valve</b>	4"					
<b>Economizer</b>	7/8" solder					
<b>Liquid Injection (chamber)</b>	5/8" flare					
<b>Discharge Side</b>	Copper Pipe Sizing 2 5/8"	2.36"	4.33"	1.38"	2.63"	3.03"
<b>Suction Side</b>	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.57"

### MCC & LRA

R22, R407C, R404A, R507A, 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	460	307	428	1285	915	1345