

Specif:



RC2-580BF Screw Compressor

ications		Displacement	CFM 60 Hz		413		
	ca c rons	Rated Speed	Rpm	60 Hz	3550		
		Volume Ratio	Vi		2.6 (standard other Vi available)		
	Compressor	Nominal Hp			210 Hp at 60 Hz		
		Capacity Control	%		35%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls		
		Lubrication	Type Insulation Protection		Differential Pressure Feed Lubricant		
		Туре			3 Phase, 2 Pole, Squirrel Cage, Induction Motor Class F		
	Motor	Insulation					
		Protection			3 PTC Protection 1 per winding		
	Lubricant Charge				No internal oil separator or sump		
	Hydrostatic Pressure test	lb/in ² G			597		
	Weight	Pounds		1852			

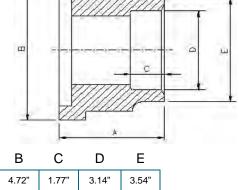
Standard Compressors Accessories

- Modulating Slide Capacity
- Weather Proof Terminal Box for outdoor applications
- 115/1/60 Control Voltage
- 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
- Suction 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



Connections

s	Discharge Stop Valve	3"				1.00	_ c
	Discharge Check Valve	3"					7777
	Suction Stop Valve	4"		90	_ 7/2		28
	Economizer	1 1/8" solder			-	Å	-
	Liquid Injection (chamber)	5/8" flare	Α	В	С	D	Ε
	Discharge Side	Copper Pipe Sizing 3 1/8"	2.59"	4.72"	1.77"	3.14"	3.54"
	Suction Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.56"

MCC	& LR	Α	R22, R407C, R404A, R507A, R134a						
			Maximum	Υ-Δ		Part Wind Start			
	Hertz	Volts	Continuous Current	Locked Rotor Amps (Y)	Locked Rotor Amps (D)	Locked Rotor Amps (D)	Locked Rotor Amps (DD)		
	60	460	375	463	1390	996	1465		