



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR75EPM2

Direct drive 380V/400V/415V 50Hz/ 3 Phase Variable Speed Control	Frequency Range	7 bar	8 bar	10 bar
First figure: Effective volume flow m³/min (ISO 1217/Annex E) Second figure: Terminal power kW (ISO 1217/Annex E) Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%	100%	12.0	11.5	10.5
		73	72	75
	90%	10.8	10.4	9.5
		65.7	64.8	67.5
	80%	9.6	9.2	8.4
		58.4	57.6	60.0
	70%	8.4	8.1	7.4
		51.1	50.4	52.5
	60%	7.2	6.9	6.3
		43.8	43.2	45.0
	50%	6.0	5.8	5.3
		36.5	36.0	37.5
40%	4.8	4.6	4.2	
	29.2	28.8	30.0	
30%				
Full load current /380V		113	105	118
Full load current /400V	A	107	99	112
Full load current /415V		103	96	108
Starting current	A	FLC*(1.2~1.5)		
Unload - Terminal power	kW	8.0	8.0	8.0
Drive Motor				
Nominal motor rating	kW	55		
Motor type		Oil Cooling PM Motor		
Motor enclosure /IP		IP65		
Motor speed Min/Max.	RPM	750/1875	708/1770	650/1635
Frequency range	Hz	75-187.5	70.8-177	65-163.5
Motor efficiency	%	95.9	95.9	95.9
Service factor		1.3	1.3	1.3
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	17500		
Fan motor rating	kW	2.2kW*1		
Air End				
Male rotor max speed		1875	1770	1635
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / Genera data				
Compressed air outlet		R 2		
L x W x H	mm	1900*1350*1720		
Weight	kg	1450		
Oil capacity	L	55		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	76±3		
Outlet temperature	°C	≤Environment temp +10		