



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR125EPM2

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)	100%	20	19	16.5
		114	113	115
	90%	18.0	17.1	14.9
		102.6	101.7	103.5
	80%	16.0	15.2	13.2
		91.2	90.4	92.0
	70%	14.0	13.3	11.6
		79.8	79.1	80.5
	60%	12.0	11.4	9.9
		68.4	67.8	69.0
Second figure: Terminal power kW (ISO 1217/Annex E)	50%	10.0	9.5	8.3
57.0		56.5	57.5	
Test conditions:	40%	8.0	7.6	6.6
Suction pressure: 0.1MPa		45.6	45.2	46.0
Suction temperature: 20 °C	30%			
Suction humidity: 0%				
Full load current /380V		162	164	170
Full load current /400V	A	154	156	161
Full load current /415V		148	150	155
Starting current	A	FLC*(1.2~1.5)		
Unload - Terminal power	kW	14.0	13.0	13.0
Drive Motor				
Nominal motor rating	kW	90		
Motor type		Liquid Cooling PM Motor		
Motor enclosure /IP		IP65		
Motor speed Min/Max.	RPM	680/1700	640/1600	580/1450
Frequency range	Hz	68-170	64-160	58-145
Motor efficiency	%	96.4	96.4	96.4
Service factor		1.3	1.3	1.3
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	26000		
Fan motor rating	kW	2.2kW*2		
Air End				
Male rotor max speed		1700	1600	1450
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / Genera data				
Compressed air outlet		DN65		
L x W x H	mm	2280*1500*1950		
Weight	kg	2060		
Oil capacity	L	95		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	78±3		
Outlet temperature	°C	≤Environment temp +10		