



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR25EPM

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%	3.7	3.5	2.9
		22.1	22.4	22.5
	90%	3.3	3.2	2.6
		19.9	20.2	20.3
	80%	3.0	2.8	2.3
		17.7	17.9	18.0
	70%	2.6	2.5	2.0
		15.5	15.7	15.8
	60%	2.2	2.1	1.7
		13.3	13.4	13.5
Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%	50%	1.9	1.8	1.5
		11.1	11.2	11.3
	40%	1.5	1.4	
		8.8	9.0	
	30%			
Full load current /380V	A	36	37	37
Full load current /400V		34	35	35
Full load current /415V		33	34	34
Starting current	A	FLC*(1.2~1.5)		
Unload - Terminal power	kW	4.4	4.5	5.6
Drive Motor				
Nominal motor rating	kW	18.5		
Motor type		Oil Cooling PM Motor		
Motor enclosure /IP		IP65		
Motor speed Min/Max.	RPM	720/1800	680/1700	750/1500
Frequency range	Hz	48-120	45-113	50-100
Motor efficiency	%	94.3	94.3	93.45
Service factor		1.2	1.2	1.3
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	6000		
Fan motor rating	kW	0.38kW*1		
Air End				
Male rotor max speed		1800	1700	1500
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / Genera data				
Compressed air outlet		R1		
L x W x H	mm	1400*820*1150		
Weight	kg	525		
Oil capacity	L	15		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	65±3		
Outlet temperature	°C	≤Environment temp +10		