



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR40EPM

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%	6.2	6.1	5.2	
		36.4	39	39.5	
	90%	5.6	5.5	4.7	
		32.8	35.1	35.6	
	80%	5.0	4.9	4.2	
		29.1	31.2	31.6	
	70%	4.3	4.3	3.6	
		25.5	27.3	27.7	
	60%	3.7	3.7	3.1	
		21.8	23.4	23.7	
Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%	50%	3.1	3.1	2.6	
		18.2	19.5	19.8	
	40%	2.5	2.4	2.1	
		14.6	15.6	15.8	
	30%	1.9	1.8	1.6	
		10.9	11.7	11.9	
	Full load current /380V	A	60	61	62
	Full load current /400V		57	58	59
Full load current /415V	55		56	57	
Starting current	A	FLC*(1.2~1.5)			
Unload - Terminal power	kW	5.5	5.9	5.9	
Drive Motor					
Nominal motor rating	kW	30			
Motor type		Oil Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	540/1800	540/1800	480/1605	
Frequency range	Hz	36-120	36-120	32-107	
Motor efficiency	%	95	95	95	
Service factor		1.3	1.3	1.3	
Cooling					
Type of cooling		Air Cooled			
Cooling air volume	m³/h	13000			
Fan motor rating	kW	2.2kW*1			
Air End					
Male rotor max speed		1800	1800	1605	
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions / Weights / Genera data					
Compressed air outlet		R1 1/2			
L x W x H	mm	1530*1100*1500			
Weight	kg	880			
Oil capacity	L	29			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	70±3			
Outlet temperature	°C	≤Environment temp +10			