



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR60APM

Direct drive 380V/400V/415V 50Hz/60Hz/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%	7.2	7.1	6.5	
		45.5	48.8	48.9	
	90%	6.5	6.4	5.9	
		41	43.9	44.0	
	80%	5.8	5.7	5.2	
		36.4	39	39.1	
	70%	5	5	4.6	
		31.9	34.2	34.2	
	60%	4.3	4.3	3.9	
		27.3	29.3	29.3	
	Test conditions: Suction pressure: 0.1 MPa Suction temperature: 20 °C Suction humidity: 0%	50%	3.6	3.6	3.3
			22.8	24.4	24.5
40%		2.9	2.8	2.6	
		18.2	19.5	19.6	
30%		2.2	2.1	2	
		13.7	14.6	14.7	
Full load current /380V			78	79	80
Full load current /400V		A	74	74.9	75.8
Full load current /415V		72	72	73	
Starting current	A	FLC*(1.2~1.5)			
Unload - Terminal power	kW	6.9	7.3	7.4	
Drive Motor					
Nominal motor rating	kW	45			
Motor type		Oil Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	900/3600	900/3600	810/3255	
Frequency range	Hz	60-240	60-240	54-217	
Motor efficiency	%	95.6	95.6	95.6	
Service factor		1.2	1.2	1.2	
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		3600	3600	3255	
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions / Weights / Genera data					
Compressed air outlet		R1 1/2			
L x W x H	mm	1380*975*1350			
Weight	kg	680			
Oil capacity	L	30			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	74±3			
Outlet temperature	°C	≤Environment temp +10			