



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR10APM

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)	100%	1.15	1.1	0.95	
		8.9	9.5	9.7	
	90%	1	1	0.9	
		8	8.6	8.7	
	80%	0.9	0.9	0.8	
		7.1	7.6	7.8	
	70%	0.8	0.8	0.7	
		6.2	6.7	6.8	
	60%	0.7	0.7	0.6	
		5.3	5.7	5.8	
	Test conditions: Suction pressure: 0.1 MPa Suction temperature: 20 °C Suction humidity: 0%	50%	0.6	0.6	
			4.5	4.8	
		40%	0.5	0.4	
			3.6	3.8	
		30%			
Full load current /380V	A	15.8	15.8	15.6	
Full load current /400V		15	15	14.8	
Full load current /415V		14.4	14.5	14.2	
Starting current	A	FLC*(1.2~1.5)			
Unload - Terminal power	kW	2	2	2.9	
Drive Motor					
Nominal motor rating	kW	7.5			
Motor type		Oil Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	1200/3000	1200/3000	1440/2600	
Frequency range	Hz	60-150	60-150	72-130	
Motor efficiency	%	93.77	93.77	93.77	
Service factor		1.2			
Cooling					
Type of cooling		Air Cooled			
Cooling air volume	m³/h	2100			
Fan motor rating	kW	0.19kW* 1			
Air End					
Male rotor max speed		3000	3000	2600	
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions / Weights / Genera data					
Compressed air outlet		R 1/2			
L x W x H	mm	890*720*930			
Weight	kg	220			
Oil capacity	L	8			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	66±3			
Outlet temperature	°C	≤Environment temp +10			