



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR15APM

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%	1.75	1.7	1.5
		12.5	13.3	13.6
	90%	1.6	1.5	1.4
		11.3	12	12.2
	80%	1.4	1.4	1.2
		10	10.6	10.9
	70%	1.2	1.2	1.1
		8.8	9.3	9.5
	60%	1.1	1	0.9
		7.5	8	8.2
Test conditions: Suction pressure : 0.1 MPa Suction temperature : 20 °C Suction humidity : 0%	50%	0.9	0.9	0.8
		6.3	6.7	6.8
	40%	0.7	0.7	\
		5	5.3	
30%				
Full load current /380V		19.8	20.4	21.1
Full load current /400V	A	18.8	19.4	20
Full load current /415V		18.1	18.7	19.3
Starting current	A	FLC*(1.2~1.5)		
Unload - Terminal power	kW	2.5	2.7	3.4
Drive Motor				
Nominal motor rating	kW	11		
Motor type		Oil Cooling PM Motor		
Motor enclosure /IP		IP65		
Motor speed Min/Max.	RPM	920/2300	920/2300	1060/2100
Frequency range	Hz	46-115	46-115	53-105
Motor efficiency	%	94.1	94.1	94.1
Service factor		1.2	1.2	1.2
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	3276		
Fan motor rating	kW	0.29kW* 1		
Air End				
Male rotor max speed		2300	2300	2100
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / Genera data				
Compressed air outlet		R 3/4		
L x W x H	mm	900*820*1040		
Weight	kg	295		
Oil capacity	L	10		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	70±3		
Outlet temperature	°C	≤Environment temp +10		