



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR75APM

Direct drive 380V/400V/415V 50Hz/60Hz/3 Phase Variable Speed Control	Frequency Range	7 bar	8 bar	10 bar	12.5 bar	
First figure: Effective volume flow m³/min (ISO 1217/Annex E)	100%	10.2	10.1	8.5	7.5	
		60.5	65	61.1	61.2	
	90%	9.2	9.1	7.7	6.8	
		54.5	59	55	55.1	
	80%	8.2	8.1	6.8	6	
		48.4	52	48.9	49	
	70%	7.1	7.1	6	5.3	
		42.4	45.5	42.8	42.8	
	60%	6.1	6.1	5.1	4.5	
		36.3	39	36.7	36.7	
	Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%	50%	5.1	5.1	4.3	3.8
			30.3	33	30.6	31
40%		4.1	4	3.4	3	
		24.2	26	24.4	24.5	
30%						
Full load current /380V	A	108	109	107	110	
Full load current /400V		103	104	102	105	
Full load current /415V		99	100	98	101	
Starting current	A	FLC*(1		2~1.5)		
Unload - Terminal power	kW	12.1	13.0	12.2	12.3	
Drive Motor						
Nominal motor rating	kW	55				
Motor type		Oil Cooling PM Motor				
Motor enclosure /IP		IP65				
Motor speed Min/Max.	RPM	984/2460	984/2460	822/2055	720-1800	
Frequency range	Hz	65.6-164	65.6-164	54.8-137	48-120	
Motor efficiency	%	96.2	96.2	96.2	96.3	
Service factor		1.2	1.2	1.2	1.2	
Cooling						
Type of cooling		Air Cooled				
Cooling air volume	m³/h	17500				
Fan motor rating	kW	2.2kW*1				
Air End						
Male rotor max speed		2460	2460	2055	1800	
Temperatures						
Ambient temperature range	°C	1-45				
Dimensions / Weights / Genera data						
Compressed air outlet		R 2				
L x W x H	mm	1800*1300*1550				
Weight	kg	1190				
Oil capacity	L	50				
Residual oil content	mg/m³	<≤3				
Noise level at 1 meter	dB(A)	79±3				
Outlet temperature	°C	≤Environment temp +10				