



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR150EPM2

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%	24.5	24	21	
		148	151	147.3	
	90%	22.1	21.6	18.9	
		133.2	135.9	132.6	
	80%	19.6	19.2	16.8	
		118.4	120.8	117.8	
Second figure: Terminal power kW (ISO 1217/Annex E)	70%	17.2	16.8	14.7	
		103.6	105.7	103.1	
	60%	14.7	14.4	12.6	
Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%		88.8	90.6	88.4	
	50%				12.3
		74.0	75.5	73.7	
	40%				9.8
59.2		60.4			
30%					
	Full load current /380V	A	219	219	232
Full load current /400V			209	208	220
Full load current /415V			201	201	212
Starting current	A	FLC*(1.2~1.5)			
Unload - Terminal power	kW	18.0	18.0	18.0	
Drive Motor					
Nominal motor rating	kW	110			
Motor type		Liquid Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	600/1695	600/1605	600/1410	
Frequency range	Hz	40-113	40-107	40-94	
Motor efficiency	%	96.5	96.5	96.5	
Service factor		1.3	1.3	1.3	
Cooling					
Type of cooling		Air Cooled			
Cooling air volume	m³/h	23000			
Fan motor rating	kW	2.2kW*2			
Air End					
Male rotor max speed		1695	1605	1410	
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions / Weights / Genera data					
Compressed air outlet		DN80			
L x W x H	mm	2600*1650*2050			
Weight	kg	2760			
Oil capacity	L	92			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	78±3			
Outlet temperature	°C	≤Environment temp +10			