



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR220EPM2

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%	33.5	31	27	
		195	196	188	
	90%	30.2	27.9	24.3	
		175.5	176.4	169.2	
	80%	26.8	24.8	21.6	
		156.0	156.8	150.4	
	70%	23.5	21.7	18.9	
		136.5	137.2	131.6	
	60%	20.1	18.6	16.2	
		117.0	117.6	112.8	
Test conditions: Suction pressure: 0.1MPa Suction temperature: 20 °C Suction humidity: 0%	50%	16.8	15.5	13.5	
		97.5	98.0	94.0	
	40%	13.4	12.4	10.8	
		78.0	78.4	75.2	
	30%	10.1	9.3		
		58.5	58.8		
	Full load current /380V	A	291	286	280
	Full load current /400V		276	271	266
Full load current /415V	266		262	256	
Starting current	A	FLC*(1.2~1.5)			
Unload - Terminal power	kW	18.0	18.0	18.0	
Drive Motor					
Nominal motor rating	kW	160			
Motor type		Liquid Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	600/2160	600/2025	600/1725	
Frequency range	Hz	40-144	40-135	40-115	
Motor efficiency	%	96.9	96.9	96.9	
Service factor		1.3	1.3	1.3	
Cooling					
Type of cooling		Air Cooled			
Cooling air volume	m³/h	39000			
Fan motor rating	kW	4kW*2			
Air End					
Male rotor max speed		2160	2025	1725	
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions / Weights / Genera data					
Compressed air outlet		DN80			
L x W x H	mm	2750*1700*2150			
Weight	kg	3225			
Oil capacity	L	135			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	78±3			
Outlet temperature	°C	≤Environment temp +10			