



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR2100LBPM

Direct drive 380V/400V/415V 50Hz/ 3 Phase Variable Speed Control	Frequency Range	3 bar	4 bar	
First figure: Effective volume flow m³/min (ISO 1217/Annex E)	100%	60	60	
		243	272	
	90%	54	54	
		219	245	
	80%	48	48	
		194	218	
	70%	42	42	
		170	190	
	60%	36	36	
Second figure: Terminal power kW (ISO 1217/Annex E)	50%	146	163	
		30	30	
	40%	122	136	
		24	24	
	30%	97	109	
		18	18	
	73	82		
	Full load current /380V		356	402
	Full load current /400V	A	339	382
Full load current /415V		326	368	
Starting current	A	FLC*(1.2~1.5)		
Unload - Terminal power	kW	36 1	1 41	
Drive Motor				
Nominal motor rating	kW	200		
Motor type		PM Motor		
Motor enclosure /IP		IP54		
Motor speed Min/Max.	RPM	2000		
Frequency range	Hz	50-166.7		
Motor efficiency	%	97.2		
Service factor		1.3		
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	36000		
Fan motor rating	kW	4kW*2		
Cooling water flow at 32C	m³/h			
Water Pressure Max./Min	bar			
Water Connection In/Out				
Air End				
Male rotor max speed		2000		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet		DN150		
L x W x H	mm	3400*2220*2340		
Weight	kg	6800		
Oil capacity	L	180		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	78±3		
Outlet temperature	°C	≤ Environment temp +10		