



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR2700LBPM

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) Second figure: Terminal power kW (ISO 1217/Annex E) Test conditions Suction pressure 0.1MPa Suction temperature 20°C Suction humidity 0%	100%	75	75
		309	340
	90%	67.5	67.5
		278	306
	80%	60	60
		247	272
	70%	53	53
		216	238
	60%	45	45
		185	204
50%	38	38	
	155	170	
40%	30	30	
	124	136	
Full load current /380V	A	511	550
Full load current /400V		485	522
Full load current /415V		468	504
Starting current	A	FLC*(1.2~1.5)	
Drive Motor			
Nominal motor rating	kW	250	
Motor type		PM Motor	
Motor enclosure /IP		IP55	
Motor speed Min/Max.	RPM	450/1400	
Frequency range	Hz	30-93.3	
Motor efficiency	%	96.5	
Service factor		1.3	
Cooling			
Type of cooling		Air Cooled	
Cooling air volume	m³/h	55000	
Rated Cooling Motor Power		2*11kW	
Air End			
Compression Stage		Single Stage	
Temperatures			
Ambient temperature range	°C	1-45	
Dimensions / Weights / General data			
Compressed air outlet		DN200	
L x W x H	mm	4700*2400*2450	
Weight	kg	9000	
Oil capacity	L	300	
Residual oil content	mg/m³	≤3	
Noise level at 1 meter	dB(A)	78±3	
Outlet temperature	°C	≤ Environment temp +10	