



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR1500LHPM

Direct drive Air cooled 380(400,415)V, 50Hz, 3 Phase	BAR	4.5	5.5
Effective volume flow min/max (ISO 1217/Annex C)	m ³ /min	14-46.3	14-46.3
	kW	68-213	75-236
Terminal power min/max (ISO 1217/Annex C)			
Drive Motor			
Nominal motor rating	kW	185	185
Motor type		PM motor	
Full load current(@380/400/415)	A	330/314/302 1 370/352/339	
Starting current	A	FCL*(1.2-1.5)	
Total input power (incl fan)	kW	68-213	75-236
Input at no-load	kW	32	35.4
Motor enclosure (IP rating)		IP54	IP54
Motor speed min/max	RPM	500-1500	500-1500
Frequency range	Hz	30-100	30-100
Motor efficiency	%	96.7	96.7
Service factor		1.15	1.3
Fan motor rating	kW	9	9
Cooling air capacity	m ³ /h	42000	42000
Air End			
Compression Stage		2	2
Temperatures			
Ambient temperature range	°C	1-45	1-45
Dimensions / Weights / General data			
Compressed air outlet	Ø	DN150	
L x W x H	mm	3300x2200x2250	
Weight	kg	5500	
Oil capacity	l	180	
Residual oil content	mg/m ³	≤ 3	
Noise level at 1 meter	dB	80±3	
Outlet temperature	°C	≤ Environment temp ±10 °C	