



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR1200LHPM

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)	m³/min	10.2-34.2	10.2-34.2
	kW	50-162	56-174
Terminal power min/max (ISO 1217/Annex C)			
Drive Motor			
Nominal motor rating	kW	132	132
Motor type		PM Motor	
Full load current @380/400/415V	A	250/238/229	268/255/245
Starting current @380/400/415V	A	FCL*(1.2-1.5)	
Total input power (incl fan)	kW	50-162	56-174
Input at no-load	kW	24	26
Motor enclosure (IP rating)		IP54	
Motor speed min/max	RPM	540-1800	
Frequency range	Hz	36-120	
Motor efficiency	%	96.2	96.2
Service factor		1.2	1.3
Fan motor rating	kW	6	
Cooling air capacity	m³/min	30000	
Air End			
Compression Stage	2	2	
Temperatures			
Ambient temperature range	°C	1-45	
Dimensions / Weights / General data			
Compressed air outlet	Ø	DN125	
L x W x H	mm	3000*2050*2100	
Weight	kg	4300	
Oil capacity	l	140	
Residual oil content	mg/m³	≤3	
Noise level at 1 meter	dB	80±3	
Outlet temperature	°C	≤ Environment temp ±10 °C	