



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR1900LHPM

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	15-50	15-50
	kW	75-235	80-250
Terminal power min/max (ISO 1217/Annex C)			
Drive Motor			
Nominal motor rating	kW	200	200
Motor type		PM Motor	
Full load current@380/400/415	A	370/352/339 1 397/377/364	
Starting current	A	FCL*(1.2-1.5)	
Total input power (incl fan)	kW	75-235	80-250
Input at no-load	kW	35	38
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	96
Service factor		1.2	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	5800	
Oil capacity	l	180	
Residual oil content	mg/m ³	≤ 3	
Noise level at 1 meter	dB	82±3	
Outlet temperature	°C	≤ Environment temp ±10 °C	