



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR1500LB

Direct drive Air cooled 380(400,415)V, 50Hz, 3 Phase	BAR	3	4	5
Effective volume flow min/max (ISO 1217/Annex C)	m³/min	47.4	47.4	47.4
Drive Motor				
Nominal motor rating	kW	132	160	185
Motor type		TEFC		
Full load current @380/400/415V	V	330/313/302	397/377/363	460/437/421
Starting current @380/400/415V	A	Approx. 2.5times full load current		
Motor output at shaft	kW	168	199	227
Total input power (incl fan)	kW	173	206	233
Input at no-load	kW	61	72	82
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	1485		
Frequency range	Hz	50		
Motor efficiency	%	94.2	94.2	94.7
Service factor		1.3	1.3	1.3
Fan motor rating	kW	4.4	8	8
Cooling air capacity	m³/min	22000	32000	32000
Air End				
Male rotor diameter	mm	296		
Male rotor speed	1/min	1485		
Circumferential speed	m/s	29.7		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN150		
L x W x H	mm	3300x2200x2100		
Weight	kg	5300		
Oil capacity	l	185		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	78±3dB		
Outlet temperature	°C	≤ Environment temp +10		