



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR530LB

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	15	15	15
Drive Motor				
Nominal motor rating	kW	45	55	55
Motor type		TEFC		
Full load current 380/400/415V	A	113/107/103	127/121/117	138/131/126
Starting current	A	Approx. 2.5times full load current		
Motor output at shaft	kW	51	58	63
Total input power (incl fan)	kW	54	61	66
Input at no-load	kW	16	18	20
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	1485		
Frequency range	Hz	50		
Motor efficiency	%	94.5	94.5	94.5
Service factor		1.3	1.2	1.3
Fan motor rating	kW	1.5	4	4
Cooling air capacity	m³/min	29500		
Air End				
Male rotor diameter	mm	246		
Male rotor speed	1/min	1485		
Circumferential speed	m/s	19		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN80		
L x W x H	mm	2400x1760x1700		
Weight	kg	2600		
Oil capacity	l	70		
Residual oil content	mg/m³	≤ 3.6		
Noise level at 1 meter	dB	70±3		
Outlet temperature	°C	≤ Environment temp ±10°C		