



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR1300LBPM

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	10.8-36.8	10.8-36.8	10.8-36.8
Drive Motor				
Nominal motor rating	kW	110	132	160
Motor type		TEFC		
Full load current @380/400/415V	A	272/258/249	315/299/288	366/348/335
Starting current @380/400/415V	A	272/258/249	315/299/288	366/348/335
Motor output at shaft	kW	35-125	43-138	47-166
Total input power (incl fan)	kW	38-127	46-158	53-176
Input at no-load	kW	26	29	33
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	546-1880		
Frequency range	Hz	38-125.3		
Motor efficiency	%	96.2	96.2	96.2
Service factor		1.25	1.25	1.2
Fan motor rating	kW	4.4	4.4	8
Cooling air capacity	m³/min	22000	22000	32000
Air End				
Male rotor diameter	mm	296		
Male rotor speed	RPM	546-1880		
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	4800		
Oil capacity	l	185		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	78+3dB		
Outlet temperature	°C	≤ Environment temp +10		