



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR530LBPM

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	4.5-15	4.5-15	4.5-15
Drive Motor				
Nominal motor rating	kW	45	55	55
Motor type		PSME		
Full load current 380/400/415V	A	115/109/105	129/123/119	140/133/128
Starting current	A	115/109/105	129/123/119	140/133/128
Motor output at shaft	kW	53	60	65
Total input power (incl fan)	kW	16-55	18-62	20-67
Input at no-load	kW	10	11	12
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	450-1500		
Frequency range	Hz	22.5-75		
Motor efficiency	%	95.5	95.5	95.5
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	1500		
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	2700		
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		