



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR530LHPM

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)	m³/min	4.5-15	4.5-15	
	kW	22-72	25-77	
Terminal power min/max (ISO 1217/Annex C)				
Drive Motor				
Nominal motor rating	kW	55 55		
Motor type		PM Motor		
Full load current @380/400/415V	A	106/101/97	115/109/105	
Starting current	A	FCL*(1.2-1.5)		
Total input power (incl fan)	kW	20-69	22-75	
Input at no-load	kW	12	13	
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	450-1500		
Frequency range	Hz	30-100		
Motor efficiency	%	96.3	96.3	
Service factor		1.2	1.3	
Fan motor rating	kW	3		
Cooling air capacity	m³/h	17000		
Air End				
Compression Stage		2		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	O	DN80		
L x W x H	mm	2400x1650x1700		
Weight	kg	2700		
Oil capacity	l	90		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	78+3dB		
Outlet temperature	°C	≤ Environment temp ±10 C		