



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR830LHPM

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	7.1~23.7	7.1~23.7	
	kW	42.5-112	46-118	
Terminal power min/max (ISO 1217/Annex C)				
Drive Motor				
Nominal motor rating	kW	90 90		
Motor type		PM Motor		
Full load current @380/400/415V	A	170/161/156	180/171/165	
Starting current @380/400/415V	A	FCL*(1.2~1.5)		
Total input power (incl fan)	kW	42.5-112	46-118	
Input at no-load	kW	17	18	
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	450-1500		
Frequency range	Hz	45-150		
Motor efficiency	%	96.3	96.3	
Service factor		1.3	1.3	
Fan motor rating	kW	5		
Cooling air capacity	m³/h	20000		
Air End				
Compression Stage I		2		
Temperatures				
Ambient temperature range I	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN100		
L x W x H	mm	2900x1850x1950		
Weight	kg	3650		
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		