



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR950LHPM

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	8.4~28.2	8.4~28.2	
	kW	48-140	50-145	
Terminal power min/max (ISO 1217/Annex C)				
Drive Motor				
Nominal motor rating	kW	110 110		
Motor type		PM Motor		
Full load current @380/400/415V	A	213/202/195	220/209/201	
Starting current @380/400/415V	A		FCL*(1.2-1.5)	
Total input power (incl fan)	kW	58.6-135.5	63.7-145.4	
Input at no-load	kW	21	22	
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	480-1600		
Frequency range	Hz	60-148.1		
Motor efficiency	%	96.8	96.8	
Service factor		1.2	1.3	
Fan motor rating	kW	5		
Cooling air capacity	m³/h	20000		
Air End				
Compression Stage		2		
Temperatures				
Ambient temperature range	°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		