



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR950LBPM

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	8.6-28.8	8.6-28.8	8.6-28.8
Drive Motor				
Nominal motor rating	kW	90	110	110
Motor type		TEFC		
Full load current @380/400/415V	V	173/164/158	210/200/193	232/220/212
Starting current @380/400/415V	A	173/164/158	210/200/193	232/220/212
Motor output at shaft	kW	29-96	34-114	37-123
Total input power (incl fan)	kW	32-106	38-127	41-137
Input at no-load	kW	16	19	21
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	450-1500		
Frequency range	Hz	15-50		
Motor efficiency	%	95.6	96.2	96.2
Service factor		1.3	1.2	1.3
Fan motor rating	kW	6		
Cooling air capacity	m³/min	20000		
Air End				
Male rotor diameter	mm	296		
Male rotor speed	1/min	450-1500		
Circumferential speed	m/s	23		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN100		
L x W x H	mm	2900x1860x1900		
Weight	kg	3300		
Oil capacity	l	110		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	78+3dB		
Outlet temperature	°C	≤ Environment temp ±10°C		