



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR830LBPM

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	6.5-21.5	6.5-21.5	6.5-21.5
Drive Motor				
Nominal motor rating	kW	63	75	90
Motor type		TEFC		
Full load current 380/400/415V	V	116/110/106	149/142/139	162/154/149
Starting current 380/400/415V	A	116/110/106	149/142/139	162/154/149
Motor output at shaft	kW	22-73	26-85	29-95
Total input power (incl fan)	kW	23-75	27-90	30-100
Input at no-load	kW	12	14	15
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	450-1500		
Frequency range	Hz	15-50		
Motor efficiency	%	96		
Service factor		1.3	1.3	1.3
Fan motor rating	kW	3		
Cooling air capacity	m³/min	15000		
Air End				
Male rotor diameter	mm	270		
Male rotor speed	1/min	450-1500		
Circumferential speed	m/s	21		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN100		
L x W x H(compressor/Inverter)	mm	2900x1860x1900		
Weight(compressor/Inverter)	kg	3100		
Oil capacity	l	110		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	75+3dB		
Outlet temperature	°C	≤ Environment temp ±10°C		