



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR420LB

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	12	12	12
Drive Motor				
Nominal motor rating	kW	37	45	55
Motor type		TEFC		
Full load current @380/400/415V	A	75/71/69	82/78/75	101/96/92
Starting current	A	Approx. 2.5times full load current		
Motor output at shaft	kW	44	50	60
Total input power (incl fan)	kW	46	52	62
Input at no-load	kW	14	16	19
Motor enclosure (IP rating)		IP54		
Motor speed min/max	RPM	1485		
Frequency range	Hz	50		
Motor efficiency	%	93.6	93.9	94.2
Service factor		1.25	1.25	1.2
Power factor	cos phi	90		
Fan motor rating	kW	1.5		
Cooling air capacity	m³/min	8000		
Air End				
Male rotor diameter	mm	226		
Male rotor speed	1/min	1485		
Circumferential speed	m/s	18		
Temperatures				
Ambient temperature range	°C	1-45		
Dimensions / Weights / General data				
Compressed air outlet	Ø	DN80		
L x W x H(compressor/Inverter)	mm	2400x1760x1700		
Weight(compressor/Inverter)	kg	2400		
Oil capacity	l	70		
Residual oil content	mg/m³	≤ 3		
Noise level at 1 meter	dB	70±3dB		
Outlet temperature	°C	≤ Environment temp +10		