



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR220H

Direct drive 380V/400V/415V 50Hz/3 Phase	BAR	7	8	10	12.5
Effective volume flow (ISO 1217/Annex C)	m³/min	33	32.8	27.5	23
Terminal power (ISO 1217/Annex C)	kW	184	194	190	186
Drive Motor					
Nominal motor rating	kW	160			
Motor type		TEFC			
Full load current /380V	A	307	327	320	314
Full load current /400V		291	310	303	298
Full load current /415V		281	299	292	287
Starting current	A	Approx.2.5times full load current			
Motor output at shaft	kW	168	178	175	171
Motor Input at no-load	kW	55	59	57	56
Motor enclosure/IP		IP54			
Motor speed	RPM	1485			
Frequency range	Hz	50			
Motor efficiency	%	95.8	95.8	95.8	95.8
Service factor		1.3	1.3	1.3	1.3
Cooling					
Type of cooling		Air-Cooled			
Cooling air volume	m³/h	30000			
Cooling water flow at 32°C	m³/h				
Water Pressure Max./Min	bar				
Water Connection In/Out					
Air End					
Compression Stage		2			
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions/Weights/General data					
Compressed air outlet		DN80			
L x W x H	mm	3400*2100*2000			
Weight	kg	6100			
Oil capacity	L	160			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	82±3			
Outlet temperature	°C	≤ Environment temp +10			