



COMPRESSORS

INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR180H

Direct drive 380V/400V/415V 50Hz/ 3 Phase	BAR	7	8	10
Effective volume flow (ISO 1217/Annex C)	m³/min	28.5	28	22.5
Terminal power (ISO 1217/Annex C)	kW	161	170	157
Drive Motor				
Nominal motor rating	kW	132		
Motor type		TEFC		
Full load current /380V	A	270	288	256
Full load current /400V		266	273	244
Full load current /415V		248	264	235
Starting current	A	Approx.2.5times full load curre		
Motor output at shaft	kW	148	157	143
Motor Input at no-load	kW	49	51	47
Motor enclosure/IP		IP54		
Motor speed	RPM	1485		
Frequency range	Hz	50		
Motor efficiency	%	95.6	95.6	95.6
Service factor		1.3	1.3	1.3
Cooling				
Type of cooling		Air-Cooled		
Cooling air volume	m³/h	30000		
Cooling water flowat 32C	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	6000		
Oil capacity	L	160		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	80±3		
Outlet temperature	°C	≤ Environment temp +10		