



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR340H

Direct drive 380V/6kV/10kV 50Hz/3 Phase	BAR	7	8	10	12.5
Effective volume flow (ISO 1217/Annex C)	m³/min	51.5	51	46	40.5
Terminal power (ISO 1217/Annex C)	kW	292	306	314	312
Drive Motor					
Nominal motor rating	kW	250			
Motor type		TEFC			
Full load current /380V	A	483	496	511	505
Full load current /6kV	A	31	32	33	32
Full load current /10kV	A	19	20	21	20
Starting current	A	Approx.2.5times full load current			
Motor output at shaft	kW	261	281	288	283
Motor Input at no-load	kW	88	92	95	94
Motor enclosure/IP		IP54			
Motor speed	RPM	1485			
Frequency range	Hz	50			
Motor efficiency	%	95.1	95.1	95.1	95.1
Service factor		1.3	1.3	1.3	1.3
Cooling					
Type of cooling		Air-Cooled			
Cooling air volume	m³/h	52500			
Cooling water flow at 32°C	m³/h				
Water Pressure Max./Min	bar				
Water Connection In/Out					
Air End					
Compression Stage		2 1			
Temperatures					
Ambient temperature range	°C	1-45			
Dimensions/Weights/General data					
Compressed air outlet		DN125			
L x W x H	mm	4000*2200*2300			
Weight 380V/6kV/10kV	kg	8100/8900/9400			
Oil capacity	L	242			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	84±3			
Outlet temperature	°C	≤ Environment temp +10			