



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR300H

Direct drive 380V/400V/415V 50Hz/3 Phase	BAR	7	8	10	12.5
Effective volume flow (ISO 1217/Annex C)	m³/min	45.8	45.5	42	37.5
Terminal power (ISO 1217/Annex C)	kW	256	269	266	267
Drive Motor					
Nominal motor rating	kW	220			
Motor type		TEFC			
Full load current /380V	A	421	443	441	442
Full load current /400V		400	421	419	420
Full load current /415V		386	406	404	405
Starting current	A	Approx.2.5times full load current			
Motor output at shaft	kW	233	246	244	245
Motor Input at no-load	kW	77	81	80	80
Motor enclosure/IP		IP54			
Motor speed	RPM	1485			
Frequency range	Hz	50			
Motor efficiency	%	95.8	95.8	95.8	95.8
Service factor		1.25	1.25	1.25	1.25
Cooling					
Type of cooling		Air-Cooled			
Cooling air volume	m³/h	40000			
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		DN100			
L x W x H	mm	3400*2200*2100			
Weight	kg	6600			
Oil capacity	L	160			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	84±3			
Outlet temperature	°C	≤ Environment temp +10			