



COMPRESSORS INTERNATIONAL

TECHNICAL INFORMATION SHEET SCR270H

Direct drive 380V/400V/415V 50Hz/3 Phase	BAR	7	8	10	12.5
Effective volume flow (ISO 1217/Annex C)	m³/min	43	42	39	33
Terminal power (ISO 1217/Annex C)	kW	247	260	259	256
Drive Motor					
Nominal motor rating	kW				
Motor type		TEFC			
Full load current /380V	A	422	444	443	442
Full load current /400V		401	422	421	420
Full load current /415V		389	407	405	405
Starting current	A	Approx.2.5times full load current			
Motor output at shaft	kW	234	247	247	244
Motor Input at no-load	kW	74	78	77	77
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	40000			
Cooling water flow at 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		DN100			
L x W x H	mm	3400*2200*2100			
Weight	kg	6400			
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			