	SCR150EPM2	VER 1.0.2
	Technical Information Sheet	

SCR150EPM2

Direct drive
Aircooled
380(400,415)V, 50Hz, 3 Phase
Speed controlled

First figure:
Effective volume flow
m3/min (ISO 1217/Annex C)

Second figure:
Terminal power
kW (ISO 1217/Annex C)

	Frequency Range	7	8	10			
100%		24.5	24.0	21.0			
		142.0	148.0	148.0			
90%		22.1	21.7	19.0			
		128.0	136.0	134.0			
80%		19.6	19.3	16.9			
		114.0	121.0	118.0			
70%		17.2	16.9	14.8			
		99.0	104.0	105.0			
60%		14.7	14.4	12.6			
		85.0	91.0	93.0			
50%		12.3	12.0	10.5			
		72.0	77.0	79.0			
40%		9.8	9.6	8.4			
		59.0	64.0	67.0			
30%		7.4	7.2	6.3			
		46.0	50.0	54.0			
Drive Motor							
Nominal motor rating	kW	110					
Motor type		Liquid Cooling PM Motor					
Full load current @ 380/400/415	A	260/247/238					
Starting current @ 380/400/415	A	FLC*(1.2~1.5)					
Motor output at shaft	kW	125	134	131			
Total input power (incl fan)	kW	142	150	148			
Motor enclosure (IP rating)		IP65					
Motor speed **min/max**	RPM	600/1605	600/1605	600/1410			
Motor efficiency	%	96.20%					
Service factor		1.3					
Fan motor rating	kW	1.5+4					
Cooling air capacity	m3/h	20000					
Air End							
Male rotor max speed	RPM	1605	1605	1410			
Temperatures							
Ambient temperature range	ºC	1-45					
Dimensions / Weights / General data							
Compressed air outlet	Ø	DN80					
L x W x H	mm	3000*1750*1690					
Weight	kg	2900					
Oil capacity	l	78					
Residual oil content	mg/m3	≤3					
Noise level at 1 meter	dB	78±3dB					
Outlet temperature	ºC	Ambient+10℃					