	SCR10APM-20APM	VER 1.0.3
SCR COMP	Technical Information Sheet	

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

SCR 15APM

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	13	15
100%		1.75	1.7	1.5	1.2	1
		12.3	13.3	13.5	12.5	13.5
90%		1.58	1.53	1.35	1.05	0.90
		11	11.9	11.8	10.5	11.3
80%		1.4	1.36	1.2	0.95	0.80
		9.7	10.7	10.4	9.5	10
70%		1.23	1.2	1.05	0.84	0.65
		8.5	9.3	9	8.5	8.8
60%		1.1	1.07	0.93	0.65	0.56
		7.7	8.4	8.5	7.4	7.7
50%		0.93	0.9	0.75	-	-
		6.9	7.2	7.1	-	-
40%		0.72	0.69	-	-	-
		5.3	5.7	-	-	-

Drive Motor						
Nominal motor rating	kW	11			11	
Motor type		Oil Cooling PM Motor			Oil Cooling PM Motor	
Full load current @380/400/415	A	22/21/20			22/21/20	
Motor output at shaft	kW	10.7	11.6	11.9	11	
Total input power (incl fan)	kW	12.3	13.3	13.5	12.5	13.5
Motor enclosure (IP rating)		IP65			IP65	
Motor speed **min/max**	RPM	920/2300	920/2300	1060/2100	1100/1760	1360/2000
Frequency range	Hz	46-115	46-115	53-105	55-88	68-100
Motor efficiency	%	94.00%			94.00%	
Service factor		1.2			1.3	
Fan motor rating	kW	0.24			0.24	
Cooling air capacity	m3/h	2000			2000	
Air End						
Male rotor diameter	mm	106.8			106.8	
Male rotor max speed	RPM	2300		2100	1760	2000
Temperatures						
Ambient temperature range	℃	1-45			1-45	
Dimensions / Weights / General data						
Compressed air outlet	Ø	Rc 3/4			Rc 3/4	
L x W x H	mm	900*800*1053			900*800*105	
Weight	kg	270			270	
Oil Content	PPM	≤3			≤3	
Noise level at 1 meter		64±3dB			66±3dB	
Outlet Temp.	ºC	Ambient+10~15℃			Ambient+10~15℃	