	SCR10APM-20APM	VER 1.0.3
SCR COMP	Technical Information Sheet	

Direct drive **Aircooled** **380(400,415)V, 50Hz, 3 Phase** **Speed controlled**		**SCR 20APM**					
	Frequency Range	7	8	10	13	15	16
First figure: Effective volume flow **m3/min** (ISO 1217/Annex C) **Second figure:** Terminal power **kW** (ISO 1217/Annex C)	**100%**	2.4	2.3	2	1.6	1.3	1.2
		17	18	17.8	16	16.5	17.3
	90%	2.17	2.1	1.8	1.45	1.15	1.05
		15.3	16.1	16	14	14.7	15.4
	80%	1.92	1.9	1.6	1.30	1.05	0.92
		13.5	14.3	14.2	12.5	13.1	13.8
	70%	1.73	1.7	1.4	1.10	0.90	0.81
		12	12.6	12.4	11	11.5	12.1
	60%	1.4	1.35	1.2	1.00	0.70	0.69
		10.2	10.8	11	9.5	9.8	10.3
	50%	1.15	1.1	1	0.72	-	-
		8.5	9.2	9.4	8	-	-
	40%	0.9	0.85	-	-	-	-
		6.8	7.5	-	-	-	-

Drive Motor							
Nominal motor rating	kW	15			15		
Motor type		Oil Cooling PM Motor			Oil Cooling PM Motor		
Full load current @380/400/415	A	30/28.5/27.5			30/28.5/27.5		
Total input power (incl fan)	kW	17	18	17.8	16	16.5	17.3
Motor enclosure (IP rating)		IP65			IP65		
Motor speed **min/max**	RPM	1200/3000	1200/3000	1400/2800	1200/2100	1200-2000	1200/2000
Frequency range	Hz	60-150	60-150	70-140	60-105	60-100	60-100
Motor efficiency	%	94.00%			94.00%		
Service factor		1.2			1.2		
Fan motor rating	kW	0.26			0.26		
Cooling air capacity	m3/h	2000			2000		
Air End							
Male rotor diameter	mm	106.8			106.8		
Male rotor max speed	RPM	3000		2800	2300	2600	2600
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*1053		
Weight	kg	280			280		
Oil Content	PPM	≤3			≤3		
Noise level at 1 meter		68±3dB			70±3dB		
Outlet Temp.		Ambient+10~15℃			Ambient+10~15℃		