	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 10APM**				
	Frequency Range	7	8	10		
First figure: Effective volume flow **m3/min** (ISO 1217/Annex C) **Second figure:** Terminal power **kW** (ISO 1217/Annex C)	**100%**	1.15	1.1	0.95		
		8.7	9.4	9.5		
	90%	1.02	1	0.86		
		7.7	8.5	8.5		
	80%	0.9	0.88	0.76		
		6.75	7.52	7.5		
	70%	0.81	0.78	0.67		
		6	6.5	6.7		
	60%	0.7	0.67	0.57		
		5.3	5.7	6		
	50%	0.53	0.5	-		
		4.3	4.6	-		
	40%	0.45	0.43	-		
		3.8	4	-		
Drive Motor						
Nominal motor rating	kW	7.5				
Motor type		Oil Cooling PM Motor				
Full load current @380/400/415	A	17/16.2/15.7				
Motor output at shaft	kW	7.3	7.8	8.2		
Total input power (incl fan)	kW	8.7	9.4	9.5		
Motor enclosure (IP rating)		IP65				
Motor speed **min/max**	RPM	1200-3000	1200-3000	1300-2600		
Frequency range	Hz	40%-100%	40%-100%	50%-100%		
Motor efficiency	%	93%				
Service factor		1.2				
Fan motor rating	kW	0.19				
Cooling air capacity	m3/h	2100				
Air End						
Male rotor diameter	mm	85				
Male rotor max speed	RPM	3000		2600		
Temperatures						
Ambient temperature range	℃	1-45				
Dimensions / Weights / General data						
Compressed air outlet	Ø	Rc 1/2				
L x W x H	mm	750*650*890				
Weight	kg	230				
Oil Content	ppm	≤3				
Noise level at 1 meter	dB	64±3dB				
Outlet Temp.	ºC	Ambient+10~15℃				