	SCR20EPM-150EPM	VER 3.1
SCR COMP	Technical Information Sheet	

Direct drive **Aircooled** **380(400,415)V, 50Hz, 3 Phase** **Speed controlled**		**SCR 30EPM**			**SCR40EPM**		
	Frequency Range	7	8	10	7	8	10
First figure: Effective volume flow **m3/min** (ISO 1217/Annex C) **Second figure:** Terminal power **kW** (ISO 1217/Annex C)	**100%**	4.1	4	3.5	6.2	6.1	5.2
		26	27	27	38	40	39
	90%	3.7	3.6	3.2	5.6	5.5	4.65
		23	24	24	34	36	35
	80%	3.4	3.3	2.8	5	4.9	4.15
		21.5	22	22	30	32	31
	70%	2.8	2.8	2.5	4.3	4.2	3.7
		18	19	20	25	27	27
	60%	2.5	2.4	2.1	3.6	3.5	3.1
		16	17	17	21	23	24
	50%	2	2.1	1.8	3.1	3	2.4
		14	15	15	18	20	20
	40%	1.5	1.6	1.4	2.4	2.3	1.9
		11	12	12	15	16	16
	30%	1.1	1.2	1.1	1.7	1.6	1.3
		9	10	10	11	12	12
Drive Motor							
Nominal motor rating	kW	22			30		
Motor type		Oil Cooling PM Motor			Oil Cooling PM Motor		
Full load current @380/400/415	A	46/45/42			59/56/54		
Starting current @380/400/415	A	FLC*(1.2~1.5)			FLC*(1.2~1.5)		
Motor output at shaft	kW	22	24	25	31	35	34
Total input power (incl fan)	kW	26	27	27	38	40	39
Motor enclosure (IP rating)		IP65			IP65		
Motor speed **min/max**	RPM	660/2200	630/2100	540/1800	540/1800	540/1800	480/1605
Motor efficiency	%	94.70%			95.60%		
Service factor		1.3			1.3		
Fan motor rating	kW	0.55			1.5		
Cooling air capacity	m3/h	5400			6400		
Air End							
Male rotor diameter	mm	140			147		
Male rotor max speed	RPM	2100	2100	1800	1800	1800	1605
Temperatures							
Ambient temperature range	ºC	1-45			1-45		
Dimensions / Weights / General data							
Compressed air outlet	Ø	R 1"			Rc 1 1/2"		
L x W x H	mm	1280*800*1100			1400*1000*1370		
Weight	kg	560			830		
Oil capacity	l	21			30		
Residual oil content	mg/m3	≤3			≤3		
Noise level at 1 meter	dB	66±3dB			68±3dB		
Outlet temperature	ºC	Ambient+10℃			Ambient+10℃		