	SCR20EPM-150EPM	VER 3.02
SCR COMP	Technical Information Sheet	

Direct drive **Aircooled** **380(400,415)V, 50Hz, 3 Phase** **Speed controlled**		**SCR 50EPM**			**SCR60EPM**		
	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%**	7.3	7.2	6.3	9.4	9.3	8
		44	47	45	58	62	58
	90%	6.6	6.5	5.7	8.5	8.4	7.2
		39	42	41	52	55	52
	80%	5.9	5.8	5	7.5	7.4	6.4
		35	38	36	45	48	46
	70%	5.1	5	4.5	6.7	6.6	5.7
		29	32	32	39	42	41
	60%	4.1	4.2	3.7	5.6	5.5	4.7
		25	28	27	34	36	35
	50%	3.5	3.4	3	4.6	4.5	3.9
		22	23	23	28	30	29
	40%	2.8	2.7	2.3	3.6	3.5	3
		18	19	18	24	25	23
	30%	2	1.9	-	2.6	2.5	-
		13	14	-	18	19	-
Drive Motor							
Nominal motor rating	kW	37			45		
Motor type		Oil Cooling PM Motor			Oil Cooling PM Motor		
Full load current @380/400/415	A	74/70/68			93/88/85		
Starting current @380/400/415	A	FLC*(1.2~1.5)			FLC*(1.2~1.5)		
Motor output at shaft	kW	38	41	38	51	54	52
Total input power (incl fan)	kW	44	47	45	58	62	58
Motor enclosure (IP rating)		IP65			IP65		
Motor speed **min/max**	RPM	660/2200	660/2200	570/1900	600/2000	600/2000	500/1650
Motor efficiency	%	96.60%			96.00%		
Service factor		1.25			1.3		
Fan motor rating	kW	2.2			2.2		
Cooling air capacity	m3/h	9000			9000		
Air End							
Male rotor diameter	mm	182			182		
Male rotor max speed	RPM	2200			2000		
Temperatures							
Ambient temperature range	ºC	1-45			1-45		
Dimensions / Weights / General data							
Compressed air outlet	Ø	Rc 1 1/2"			Rc 1 1/2"		
L x W x H	mm	1400*1000*1370			1400*1030*1520		
Weight	kg	850			890		
Oil capacity	l	30			30		
Residual oil content	mg/m3	⩽3			⩽3		
Noise level at 1 meter	dB	70±3dB			72±3dB		
Outlet temperature	ºC	Ambient+10℃			Ambient+10℃		