	SCR4-100APM	90999013(B)
SCR COMP	Technical Information Sheet	2025.11.15

Direct drive 380V/400V/415V 50Hz/60Hz/3 Phase **Variable Speed Control**		**SCR30APM**		
	Frequency Range	7 bar	8 bar	10 bar
First figure: Effective volume flow **m³/min (ISO 1217/Annex E)** **Second figure:** Terminal power **kW (ISO 1217/Annex E)** **Test conditions:** Suction pressure：0.1MPa Suction temperature：20℃ Suction humidity：0%	**100%**	3.45	3.4	3
		23.2	24.4	23
	90%	3.1	3.1	2.7
		20.9	22	20.7
	80%	2.8	2.7	2.4
		18.6	19.5	18
	70%	2.4	2.4	2.1
		16.2	17.1	16.1
	60%	2.1	2	1.8
		13.9	14.6	14
	50%	1.7	1.7	1.5
		11.6	12.2	11.5
	40%	1.4	1.4	1.2
		9.3	9.8	9
	30%	1	1	0.9
		7	7.3	6.9
Full load current /380V	**A**	36.3	38.3	41.5
Full load current /400V		34.5	36.4	39.4
Full load current /415V		33.3	35.1	38
Starting current	**A**	FLC*(1.2~1.5)		
Unload - Terminal power	**kW**	3.5	3.7	3.8
Drive Motor				
Nominal motor rating	kW	22		
Motor type		Oil Cooling PM Motor		
Motor enclosure /IP		IP65		
Motor speed Min/Max.	RPM	945/3150	900/3000	765/2550
Frequency range	Hz	63/210	60-200	51/170
Motor efficiency	%	95.8	95.8	95.8
Service factor		1.2	1.2	1.2
Cooling				
Type of cooling		Air Cooled		
Cooling air volume	m³/h	6000		
Fan motor rating	kW	0.38kW*1		
Air End				
Male rotor max speed		3150	3000	2550
Temperatures				
Ambient temperature range	ºC	1-45		
Dimensions / Weights / General data				
Compressed air outlet		R 1		
L x W x H	mm	1180*820*1110		
Weight	kg	435		
Oil capacity	L	21		
Residual oil content	mg/m³	≤3		
Noise level at 1 meter	dB(A)	70±3		
Outlet temperature	ºC	≤Environment temp + 10		