SCR COMP	SCR4-100APM	90999017(C)
	Technical Information Sheet	2026-3-18

Direct drive 380V/400V/415V 50Hz/3 Phase **Variable Speed Control**		**SCR50APM**			
	Frequency Range	7 bar	8 bar	10 bar	12.5 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%**	6.2	6.1	5.6	4.5
		39.1	42	41.7	42.9
	90%	5.6	5.5	5.0	4.1
		35.2	38	37.5	38.6
	80%	5	4.9	4.5	3.6
		31.3	33.6	33.4	34.3
	70%	4.3	4.3	3.9	3.2
		27.4	29.4	29.2	30.0
	60%	3.7	3.7	3.4	2.7
		23.5	25.2	25	26
	50%	3.1	3.1	2.8	2.3
		19.6	21	20.9	21.5
	40%	2.5	2.4	2.2	1.8
		15.6	16.8	16.7	17.2
	30%	1.9	1.8	1.7	1.4
		11.7	12.6	12.5	12.9
Full load current /380V	**A**	60.3	61.3	64.7	66.5
Full load current /400V		57.3	58.2	61.5	63.2
Full load current /415V		55.2	56	59	60.9
Starting current	**A**	FLC*(1.2~1.5)			
Unload - Terminal power	**kW**	5.9	6.3	6.2	6.5
Drive Motor					
Nominal motor rating	kW	37			
Motor type		Oil Cooling PM Motor			
Motor enclosure /IP		IP65			
Motor speed Min/Max.	RPM	750/3000	750/3000	675/2700	1000/4000
Frequency range	Hz	50-200	50-200	45-180	50-200
Motor efficiency	%	96.38	96.38	96.38	95.7
Service factor		1.2	1.2	1.2	1.2
Cooling					
Type of cooling		Air Cooled			
Cooling air volume	m³/h	13000			
Fan motor rating	kW	2.2kW*1			
Air End					
Male rotor max speed		3000	3000	2700	4000
Temperatures					
Ambient temperature range	ºC	1-45			
Dimensions / Weights / General data					
Compressed air outlet		R1 1/2			
L x W x H	mm	1380*975*1350			
Weight	kg	670			
Oil capacity	L	27			
Residual oil content	mg/m³	≤3			
Noise level at 1 meter	dB(A)	73±3			
Outlet temperature	ºC	≤ Environment temp + 10			