

Motor type NP800KRM

IC06-17-37-86W

Wind. N°.	Base speed (rpm)							P (kW)	Max rpm*	I (A)	T (Nm)	η (%)	R <sub>arm</sub> (Ohm)	L <sub>arm</sub> (mH)	Select. code
	440	460	500	520	600	700	750								
	477							1341	850	3291	26862	92,59	0,007	0,069	8
		500						1402	870	3286	26807	92,78		0,069	
			546					1520	870	3265	26615	93,12		0,069	
				569				1573	880	3244	26428	93,26		0,069	
					661			1774	890	3154	25659	93,78		0,071	
	450							1266	850	3106	26887	92,62	0,007	0,077	8
		472						1324	850	3101	26838	92,83		0,077	
			515					1442	850	3095	26773	93,15		0,077	
				536				1502	860	3095	26774	93,32		0,077	
					622			1733	870	3079	26609	93,80		0,077	
					731		1958	900	2968	25596	94,23	0,079			
	425							1171	870	2878	26345	92,50	0,008	0,088	8
		446						1225	870	2873	26297	92,73		0,088	
			486					1335	870	2867	26236	93,09		0,088	
				507				1390	870	2867	26220	93,20		0,088	
					588			1606	870	2857	26095	93,69		0,088	
						690		1875	880	2846	25966	94,12		0,088	
						742	1979	890	2798	25508	94,29	0,089			
	382							1050	790	2586	26275	92,31	0,009	0,109	8
		400						1100	790	2586	26257	92,48		0,109	
			437					1199	790	2581	26200	92,90		0,109	
				455				1249	790	2581	26187	93,03		0,109	
					529			1444	790	2571	26063	93,61		0,108	
						621		1685	790	2560	25919	94,06		0,108	
						667	1805	790	2555	25846	94,22	0,108			
	348							948	800	2337	26070	92,15	0,011	0,133	8
		364						993	800	2337	26066	92,38		0,133	
			398					1081	800	2332	25980	92,73		0,132	
				415				1127	800	2332	25980	92,92		0,132	
					482			1303	800	2321	25851	93,53		0,132	
						565		1524	800	2316	25762	94,02		0,131	
						608	1632	810	2311	25684	94,19	0,131			
	313							891	820	2221	27274	91,23	0,013	0,156	8
		327						935	820	2221	27273	91,52		0,155	
			358					1021	820	2221	27244	91,93		0,155	
				373				1062	830	2215	27186	92,20		0,154	
					434			1232	830	2210	27100	92,89		0,154	
						511		1443	830	2205	27001	93,48		0,153	
						549	1547	830	2200	26934	93,75	0,153			

\* by field weakening at constant power

When required max speed at constant power by field weakening is higher than speed indicated in column "max. rpm", please contact SICMEMOTORI

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## Main features

		NP800KRM6	NP800KRM8
Field power	W	6200	
Inertia	Kgm <sup>2</sup>	570	580
Max mechanical speed	rpm	1250	
Weight IC06	kg		
Weight IC17-IC37	kg	11050	11400
Weight IC86W	kg	12250	12600
DE bearing	roller+ball	NU248-C3 + 6048-C3	
NDE bearing	roller	NU248-C3	

## Blowers data (3x400 V – 50 Hz)

		IC06	IC17-37	IC86W
Blower ac motor	type	--	--	180M4A
Power	kW	--	--	18,5
Current	A	--	--	35
Poles	N°.	--	--	4
Dissipated losses	kW	--	--	160
Water flow rate	m <sup>3</sup> /h	--	--	35
Water flanges	DIN2566	--	--	DN65
Air flow rate	m <sup>3</sup> /sec	--	6	--
Static pressure	Pa	--	1200	--

