

Motor type NP710KML

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
	400	440	460	500	520	600	700	750								
04	271								922	660	2523	32531	91,39	0,0106	0,192	8
		300							1021	660	2523	32502	91,96		0,190	
			315						1071	660	2523	32505	92,25		0,190	
				344					1169	660	2523	32481	92,69		0,189	
					358				1218	660	2523	32457	92,84		0,188	
						417			1415	660	2523	32424	93,49		0,187	
							490		1637	670	2486	31890	94,06		0,188	
06	243								805	660	2215	31687	90,79	0,0133	0,244	8
		269							891	660	2215	31668	91,45		0,242	
			283						935	660	2215	31660	91,74		0,241	
				309					1021	660	2215	31612	92,15		0,240	
					321				1064	660	2215	31607	92,38		0,239	
						375			1237	660	2215	31563	93,06		0,237	
							441		1453	660	2215	31529	93,71		0,235	
							474	1560	660	2215	31493	93,91	0,234			
08	220								724	590	1998	31405	90,58	0,0153	0,298	8
		245							802	590	1998	31383	91,27		0,295	
			256						842	590	1998	31374	91,57		0,294	
				281					919	590	1998	31322	91,99		0,292	
					292				958	590	1998	31316	92,23		0,292	
						341			1114	590	1998	31268	92,93		0,289	
							401		1309	590	1998	31231	93,60		0,287	
							430	1407	590	1998	31216	93,86	0,286			
11	184								637	540	1791	32953	88,91	0,0214	0,396	8
		205							707	560	1791	32902	89,70		0,392	
			216						742	590	1791	32882	90,04		0,390	
				236					812	620	1791	32844	90,65		0,387	
					247				847	630	1791	32827	90,92		0,386	
						287			988	630	1791	32809	91,91		0,381	
							339		1163	630	1791	32754	92,73		0,377	
							365	1247	630	1786	32631	93,06	0,377			
13	164								563	480	1601	32851	87,91	0,0267	0,500	8
		183							625	500	1601	32798	88,80		0,494	
			191						657	530	1601	32801	89,26		0,492	
				210					720	560	1601	32759	89,93		0,487	
					219				750	590	1601	32718	90,17		0,486	
						256			877	630	1601	32701	91,28		0,479	
							302		1032	630	1601	32626	92,15		0,474	
							325	1111	630	1601	32613	92,54	0,472			
17	133								457	400	1336	32900	85,52	0,0398	0,739	6
		149							509	410	1336	32820	86,58		0,729	
			156						535	430	1336	32817	87,13		0,724	
				171					587	470	1336	32755	87,94		0,716	
					179				614	490	1336	32756	88,37		0,712	
						210			719	570	1336	32711	89,68		0,701	
							249		847	610	1330	32548	90,95		0,693	
							268	912	650	1330	32507	91,37	0,689			

\* 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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IC06-17-37-86W

## Main features

		NP710KML6	NP710KML8
Field power	W	7500	
Inertia	Kgm <sup>2</sup>	495	505
Max mechanical speed	rpm	1150	
Weight IC06	kg	12900	13200
Weight IC17-IC37	kg	12450	12750
Weight IC86W	kg	13550	13850
DE bearing	roller+ball	NU252-C3 + 6052-C3	
NDE bearing	roller	NU252-C3	

## Blowers data (3x400 V – 50 Hz)

		IC06	IC17-37	IC86W
Blower ac motor	type	2 x 132L4	--	180M4A
Power	kW	2 x 9,2	--	18,5
Current	A	2 x 20	--	35
Poles	N°.	4	--	4
Dissipated losses	kW	--	--	140
Water flow rate	m <sup>3</sup> /h	--	--	25
Water flanges	DIN2566	--	--	DN65
Air flow rate	m <sup>3</sup> /sec	--	5,4	--
Static pressure	Pa	--	1250	--

