

Motor type NP710KRS

IC06-17-37-86W

Wind. N°.	Base speed (rpm)								P (kW)	Max rpm*	I (A)	T (Nm)	η (%)	R _{arm} (Ohm)	L _{arm} (mH)	Select. code
	400	440	460	500	520	600	700	750								
04	533								934	970	2523	16731	92,54	0,0078	0,097	8
		589							1031	970	2523	16709	92,91		0,097	
			618						1080	970	2523	16699	93,08		0,097	
				675					1178	970	2523	16683	93,36		0,096	
					703				1226	970	2523	16675	93,49		0,096	
						817			1386	990	2459	16226	93,97		0,098	
							960		1462	1000	2215	14543	94,26		0,108	
06	479								816	970	2215	16285	92,11	0,0098	0,124	8
		530							902	970	2215	16267	92,54		0,123	
			555						946	970	2215	16268	92,78		0,122	
				606					1031	970	2215	16254	93,11		0,122	
					632				1074	970	2215	16239	93,21		0,122	
						734			1246	970	2215	16220	93,70		0,121	
							862		1410	1010	2141	15626	94,06		0,124	
							927	1442	1060	2041	14858	94,20	0,130			
08	435								735	890	1998	16139	91,91	0,0114	0,151	8
		482							813	890	1998	16139	92,48		0,150	
			505						851	890	1998	16118	92,61		0,149	
				551					929	890	1998	16102	92,94		0,149	
					574				968	890	1998	16104	93,14		0,148	
						667			1123	890	1998	16079	93,63		0,147	
							783		1315	890	1998	16049	94,05		0,147	
							841	1412	890	1998	16037	94,22	0,146			
11	367								651	940	1791	16949	90,83	0,0159	0,199	8
		407							721	940	1791	16934	91,45		0,198	
			426						756	940	1791	16927	91,72		0,197	
				466					825	940	1791	16895	92,07		0,196	
					486				860	940	1791	16890	92,28		0,196	
						566			1000	940	1791	16877	93,00		0,194	
							666		1166	950	1781	16738	93,54		0,193	
							716	1241	960	1765	16574	93,77	0,195			
13	326								578	930	1601	16898	90,23	0,0196	0,251	8
		362							639	930	1601	16853	90,76		0,249	
			381						671	930	1601	16861	91,13		0,248	
				416					734	930	1601	16850	91,66		0,246	
					434				764	930	1601	16833	91,82		0,245	
						505			889	930	1601	16818	92,60		0,243	
							594		1044	930	1601	16780	93,19		0,241	
							639	1123	930	1601	16780	93,51	0,240			
17	267								472	810	1336	16888	88,29	0,0295	0,368	6
		297							525	830	1336	16896	89,29		0,364	
			312						550	860	1336	16866	89,54		0,362	
				342					603	900	1336	16875	90,32		0,359	
					356				629	930	1336	16851	90,51		0,358	
						417			732	960	1336	16818	91,40		0,354	
							490		863	960	1336	16800	92,29		0,350	
							528	928	960	1336	16782	92,59	0,348			

* 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

		NP710KRS6	NP710KRS8
Field power	W	4900	
Inertia	Kgm ²	305	315
Max mechanical speed	rpm	1350	
Weight IC06	kg	9150	9450
Weight IC17-IC37	kg	8700	9000
Weight IC86W	kg	9750	10050
DE bearing	roller+ball	NU244-C3 + 6044-C3	
NDE bearing	roller	NU244-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 ³ /h	--	--	25
Water flanges	DIN2566	--	--	DN65
Air flow rate	m ³ /sec	--	5,4	--
Static pressure	Pa	--	1250	--

