

Motor type NP710KS

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	377								930	800	2523	23579	92,12	0,0090	0,138	8
		417							1028	800	2523	23563	92,63		0,137	
			437						1077	800	2523	23546	92,80		0,137	
				478					1176	800	2523	23535	93,19		0,136	
					497				1224	800	2523	23521	93,33		0,136	
						578			1412	810	2507	23343	93,87		0,136	
							680		1603	840	2427	22547	94,32		0,139	
06	338								812	810	2215	22959	91,63	0,0113	0,175	8
		374							898	810	2215	22926	92,11		0,174	
			392						941	810	2215	22923	92,37		0,173	
				428					1028	810	2215	22920	92,82		0,173	
					447				1071	810	2215	22896	92,93		0,172	
						519			1243	810	2215	22875	93,54		0,171	
							610		1458	810	2215	22827	93,99		0,170	
08							655	1558	820	2205	22712	94,23	0,170			
	307							730	720	1998	22742	91,38	0,0131	0,214	8	
		340						809	730	1998	22735	91,99		0,212		
			356					848	740	1998	22731	92,26		0,212		
				389				925	740	1998	22700	92,63		0,210		
					406			965	740	1998	22699	92,84		0,210		
						472		1120	740	1998	22672	93,46		0,208		
						554	1314	740	1998	22635	93,98	0,207				
11							596	1411	740	1998	22612	94,15	0,206			
	258							646	780	1791	23887	90,09	0,0183	0,283	8	
		286						716	780	1791	23858	90,77		0,281		
			301					750	780	1791	23845	91,07		0,280		
				329				820	780	1791	23823	91,60		0,278		
					344			855	780	1791	23813	91,83		0,277		
						400		995	780	1791	23780	92,60		0,274		
						471	1169	780	1791	23730	93,24	0,272				
13							507	1250	780	1781	23583	93,57	0,272			
	229							571	690	1601	23793	89,24	0,0227	0,357	8	
		255						634	710	1601	23762	90,01		0,353		
			268					666	740	1601	23768	90,41		0,352		
				293				728	770	1601	23744	90,99		0,349		
					306			759	770	1601	23717	91,19		0,348		
						356		884	770	1601	23686	92,05		0,344		
						420	1040	770	1601	23645	92,81	0,341				
17							452	1118	770	1601	23640	93,16	0,340			
	186							465	560	1336	23799	87,10	0,0339	0,525	6	
		208						518	580	1336	23801	88,20		0,519		
			218					544	610	1336	23756	88,51		0,516		
				240				597	650	1336	23762	89,37		0,511		
					250			623	690	1336	23765	89,74		0,509		
						293		727	780	1336	23704	90,74		0,502		
						347	858	800	1336	23665	91,72	0,496				
							373	923	800	1336	23663	92,17	0,493			

* 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

		NP710KS6	NP710KS8
Field power	W	6100	
Inertia	Kgm ²	385	395
Max mechanical speed	rpm	1250	
Weight IC06	kg	10750	11050
Weight IC17-IC37	kg	10300	10600
Weight IC86W	kg	11350	11650
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	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	--

