

Motor type NP560KRS

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									
44	788								823	1350	2205	9965	93,27	0,008	0,075	8	
		872							907	1350	2205	9945	93,53				0,075
			914						951	1350	2205	9948	93,75				
				996					1037	1350	2205	9943	94,04				
					1038				1079	1350	2205	9935	94,12				
						1204			1244	1350	2194	9876	94,53				
45	740								771	1350	2078	9956	92,73	0,009	0,085	8	
		817							852	1350	2078	9957	93,23				
			857						890	1350	2072	9927	93,41				
				936					966	1350	2062	9862	93,68				
					975				1003	1350	2056	9829	93,77				
						1132			1148	1380	2030	9692	94,26				
46	698								728	1350	1966	9965	92,59	0,010	0,095	8	
		772							806	1350	1966	9967	93,11				
			810						844	1350	1966	9962	93,28				
				883					920	1350	1966	9952	93,58				
					920				958	1350	1966	9947	93,72				
						1069			1102	1370	1950	9856	94,20				
48	628								1270	1390	1919	9672	94,55	0,012	0,119	8	
		694							650	1320	1760	9891	92,32				
			728						719	1320	1760	9886	92,83				
				795					753	1320	1760	9878	92,98				
					828				822	1320	1760	9876	93,37				
						962			855	1320	1760	9869	93,49				
50	548								992	1320	1760	9856	93,98	0,016	0,116	6	
							1129		1163	1320	1760	9841	94,41				
								1213	1249	1320	1760	9840	94,62				
		548							587	1320	1601	10243	91,72				
		607							650	1320	1601	10233	92,26				
			636						681	1320	1601	10221	92,43				
51			695						743	1320	1601	10214	92,85	0,017	0,147	6	
				724					775	1320	1601	10218	93,10				
					843				897	1330	1595	10170	93,69				
						990			1042	1340	1579	10054	94,25				
							1064		1111	1350	1569	9975	94,41				
									553	1300	1511	10297	91,58				
52	514								612	1300	1511	10274	92,03	0,021	0,169	6	
		569							641	1300	1511	10273	92,30				
			596						641	1300	1511	10273	92,30				
				651					701	1300	1511	10271	92,77				
					680				730	1300	1511	10269	92,98				
						790			848	1300	1511	10254	93,57				
52						928			995	1300	1511	10242	94,14	0,021	0,164	6	
							998		1068	1300	1511	10232	94,32				
	480								513	1300	1415	10224	90,64				
		532							567	1300	1410	10190	91,42				
			558						595	1300	1410	10184	91,70				
				611					648	1300	1405	10142	92,23				
52					636				674	1300	1405	10123	92,31	0,021	0,191	6	
						741			778	1310	1394	10033	93,03				
							872		907	1320	1383	9945	93,71				
								937	971	1330	1378	9900	93,95				

* by field weakening at constant power

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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								
53	452								485	1270	1341	10249	90,51	0,023	0,216	6
		502							538	1270	1341	10250	91,27		0,214	
			526						565	1270	1341	10251	91,60		0,213	
				576					617	1270	1341	10233	92,02		0,212	
					601				643	1270	1341	10235	92,28		0,212	
						699			748	1270	1341	10224	93,02		0,210	
							823		876	1280	1336	10166	93,65		0,209	
								884	937	1280	1330	10119	93,92		0,209	
54	426								443	1110	1230	9923	90,09	0,027	0,250	6
		474							491	1150	1230	9904	90,71		0,248	
			497						515	1200	1230	9906	91,08		0,247	
				544					563	1210	1230	9891	91,55		0,245	
					567				587	1210	1230	9894	91,84		0,244	
						661			684	1210	1230	9886	92,67		0,242	
							778		803	1210	1230	9869	93,35		0,240	
								837	863	1210	1230	9857	93,56		0,239	

* 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

Main features

		NP560KRS6	NP560KRS8
Field power	W	4600	
Inertia	Kgm ²	121	123
Max mechanical speed	rpm	1600	
Weight IC06	kg	5430	5510
Weight IC17-IC37	kg	5690	5210
Weight IC86W	kg	6490	6010
DE bearing	roller	NU236-C3	
NDE bearing	ball	6236-C3	

Blowers data (3x400 V – 50 Hz)

		IC06	IC17-37	IC86W
Blower ac motor	type	160M4A	--	160M4A
Power	kW	11	--	11
Current	A	21,5	--	21,5
Poles	N°.	4	--	4
Dissipated losses	kW	--	--	56
Water flow rate	m ³ /h	--	--	13
Water flanges	DIN2566	--	--	DN65
Air flow rate	m ³ /sec	--	4,17	--
Static pressure	Pa	--	1300	--