

Motor type NP400KR

IC06-17-37-86W

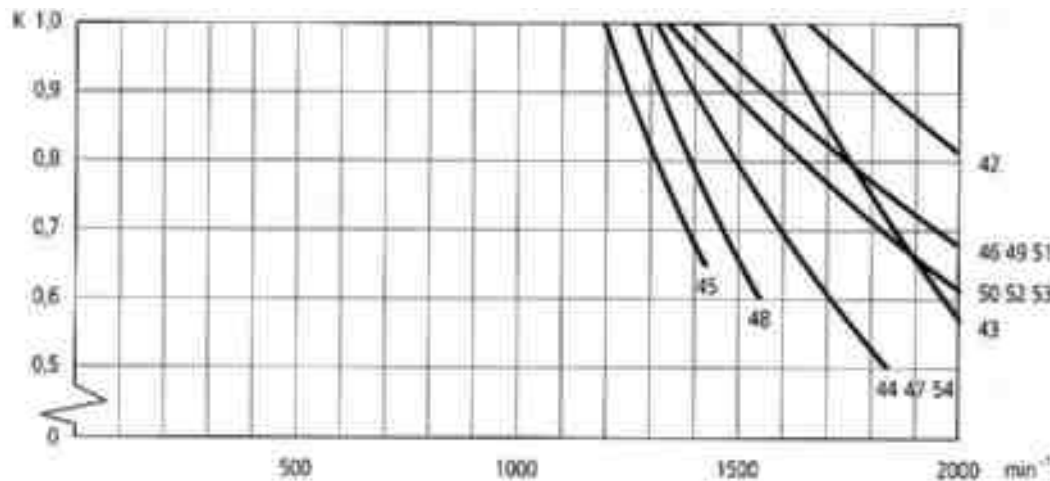
Winding N°	Base speed (rpm)						P (kW)	I (A)	T (Nm)	$\eta$ (%)	R <sub>arm</sub> (Ohm)	L <sub>arm</sub> (mH)	Select. code
	400 V	440 V	460 V	520 V	600 V	700 V							
42	1.117						599	1.588	5.122	94,29	0,008	0,14	7
		1.229					658	1.588	5.116	94,21			
			1.287				688	1.588	5.106	94,18			
43	1.036						598	1.588	5.511	94,12	0,010	0,15	7
		1.140					657	1.588	5.508	94,05			
			1.194				688	1.588	5.504	94,18			
44	964						779	1.588	5.496	94,36	0,011	0,16	7
		1.061					596	1.588	5.902	93,77			
			1.112				655	1.588	5.897	93,74			
45	904						775	1.582	5.859	94,15	0,012	0,18	7
		995					571	1.527	6.037	93,53			
			1.042				629	1.527	6.038	93,53			
46	805						657	1.522	6.025	93,86	0,016	0,23	6
		885					745	1.522	6.014	94,14			
			927				863	1.522	6.005	94,46			
47	741						759	1.341	5.929	94,40	0,018	0,27	6
		815					502	1.346	5.964	93,27			
			854				553	1.346	5.965	93,32			
48	678						576	1.341	5.934	93,37	0,021	0,31	6
		746					655	1.341	5.940	93,95			
			782				759	1.341	5.929	94,40			
49	630						600	1.231	5.894	93,75	0,025	0,36	6
		693					696	1.231	5.889	94,20			
			726				814	1.231	5.875	94,52			
50	591						430	1.159	6.053	92,65	0,028	0,40	6
		650					473	1.159	6.054	92,63			
			682				496	1.159	6.057	92,93			
51	558						563	1.159	6.046	93,33	0,031	0,46	6
		614					651	1.154	6.020	93,97			
			642				762	1.154	6.002	94,29			
52	509						399	1.082	6.052	91,13	0,037	0,57	6
		561					438	1.082	6.050	92,06			
			588				459	1.082	6.047	92,25			
53	460						520	1.077	6.002	92,82	0,037	0,57	6
		512					603	1.077	6.002	93,37			
			540				708	1.077	5.992	93,88			
54	410						374	1.016	6.042	91,89	0,037	0,57	6
		462					411	1.016	6.044	91,89			
			490				431	1.016	6.035	92,13			
55	360						488	1.011	6.007	92,81	0,037	0,57	6
		412					567	1.011	6.009	93,48			
			440				665	1.011	5.992	93,94			
56	310						348	951	5.969	91,62	0,031	0,46	6
		362					384	951	5.971	91,70			
			390				400	945	5.951	92,01			
57	260						456	945	5.941	92,80	0,031	0,46	6
		312					530	945	5.939	93,41			
			340				622	945	5.935	94,02			
58	210						314	863	5.897	91,08	0,037	0,57	6
		262					346	863	5.901	91,20			
			290				364	863	5.910	91,66			
59	160						413	863	5.895	92,11	0,037	0,57	6
		212					480	863	5.883	92,78			
			240				566	863	5.898	93,72			

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IC06-17-37-86W

Winding N°	Base speed (rpm)						P (kW)	I (A)	T (Nm)	$\eta$ (%)	R <sub>arm</sub> (Ohm)	L <sub>arm</sub> (mH)	Select. code
	400 V	440 V	460 V	520 V	600 V	700 V							
53	480						296	819	5.888	90,27	0,044	0,65	6
		528					325	819	5.884	90,30			
			555				342	819	5.885	90,75			
				633			389	819	5.875	91,38			
					737		454	819	5.882	92,39			
						867	534	819	5.883	93,19			
54	434						275	764	6.046	89,93	0,051	0,74	6
		478					302	764	6.043	89,93			
			502				316	764	6.029	90,08			
				572			362	764	6.040	91,03			
					667		419	758	5.999	92,03			
						785	493	758	6.008	92,96			

**De-rating coefficient for speed variation at constant power by field weakening**



**Main features**

		NP400KR6	NP400KR7
Field power	W	4800	
Inertia	Kgm <sup>2</sup>	24,8	25,2
Max mechanical speed	rpm	2000	1800
Weight IC06	kg	3375	3420
Weight IC17-IC37	kg	3185	3230
Weight IC86W	kg	3655	3700
DE bearing	roller	NU228-C3	
NDE bearing	ball	6228-C3	

**Blowers data (3x400 V – 50 Hz)**

		IC06	IC17-37	IC86W
Blower ac motor	type	132M4A	--	132M2B
Power	kW	7,5	--	9
Current	A	14,8	--	18
Poles	n°	4	--	2
Dissipated losses	kW	--	--	56
Water flow rate	m <sup>3</sup> /h	--	--	12
Pressure drop	Pa	--	--	22000
Water flanges	DIN2566	--	--	DN50
Air flow rate	m <sup>3</sup> /sec	--	2,1	--
Static pressure	Pa	--	1300	--