Motor type P180KS **IC06-17-37-86W**

Winding N°.	Base speed (rpm)				P	I	T	η	R_{arm}	L_{arm}	Select. code
	400	440	520	600	(kW)	(A)	(Nm)	(%)	(Ohm)	(mH)	
9	2050				**75,0**	212	347	88,4	0,132	0,7	4
		2250			**84,0**	212	354	90,1			
11	1500				**57,0**	163	361	87,4	0,229	1,3	4
		1650			**63,0**	163	362	87,8			
			1950		**74,0**	163	362	87,8			
12	1250				**44,0**	130	334	84,6	0,376	1,6	4
		1375			**48,5**	130	335	84,8			
13	1050				**38,0**	115	344	82,6	0,472	2,8	4
		1175			**42,5**	115	343	84,0			
14	890				**32,5**	100	347	81,3	0,621	3,2	4
		1000			**36,5**	100	346	83,0			
			1190		**43,0**	100	346	83,0			
15	780				**28,0**	88	341	79,5	0,763	4,8	4
		880			**31,5**	88	340	81,4			
			1050		**37,0**	88	340	81,4			
16	680				**24,0**	79	335	76,9	1,014	5,3	4
		760			**27,0**	78	337	78,7			
			910		**31,5**	78	337	78,7			
17	600				**21,0**	70	332	75,0	1,239	5,9	4
		680			**24,0**	70	335	77,9			
			810		**28,0**	70	335	77,9			
18	550				**19,5**	65	337	75,0	1,359	7,9	4
		620			**22,0**	65	337	76,9			
			740		**26,0**	65	337	76,9			
19	490				**17,0**	60	329	70,8	1,705	8,6	4
		550			**19,5**	60	337	73,9			
			660		**23,0**	60	337	73,9			

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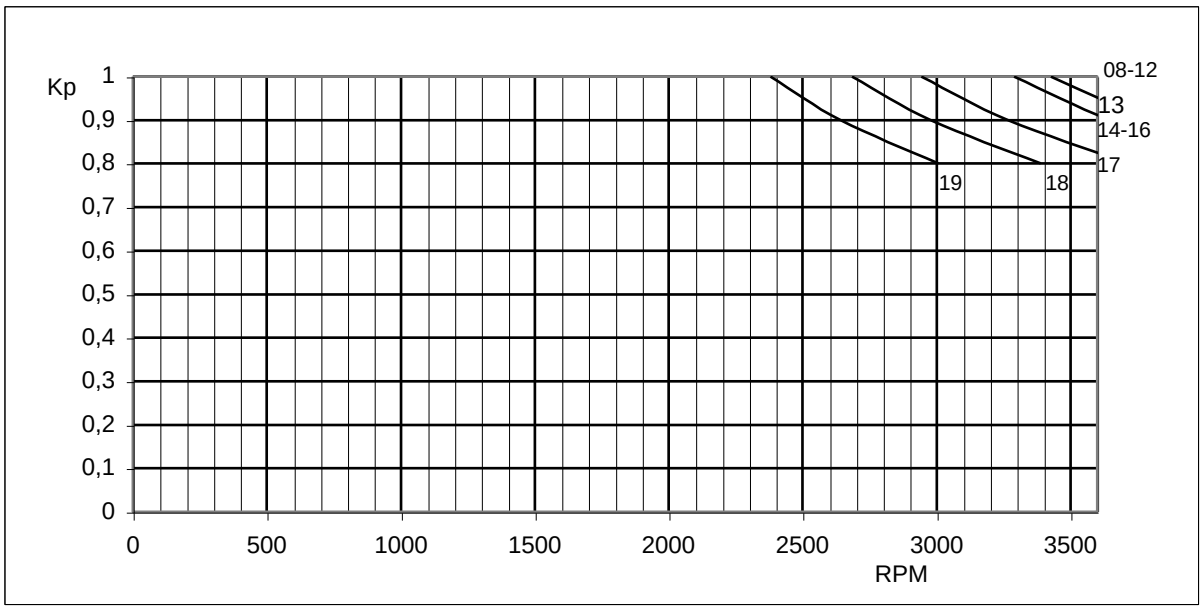
De-rating coefficient for speed variation at constant power by field weakening



The above diagram is valid for armature voltage up to 460 V; for higher armature voltage please ask SICMEMOTORI

Main features

		P180KS4
Field power	W	1700
Inertia	Kgm^2	0,49
Max mechanical speed	Rpm	3600
Weight IC06	Kg	370
Weight IC17-IC37	Kg	345
Weight IC86W	Kg	470
DE bearing	Ball	6312-2Z-C3
NDE bearing	Ball	6310-2Z-C3

Blowers data (3x400 V – 50 Hz)

		IC06	IC17-37	IC86W
Blower ac motor	type	80 B2	--	80 B2
Power	kW	1,1	--	1,1
Current	A	2,5	--	2,5
Poles	n°.	2	--	2
Dissipated losses	kW	--	--	12
Water flow rate	m^3/h	--	--	2,06
Water flanges	DIN2566	--	--	DN32
Air flow rate	m^3/sec	--	0,40	--
Static pressure	Pa	--	1600	--