

Motoriduttori brushless CC epicycloidali

Brushless DC planetary gearmotors

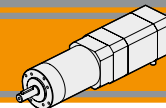
P52 con motore brushless CC

P52 with brushless DC motor

P52			BLS043.240													
			24V						36V							
Ns	ir	in	n _{2MIN} [rpm]			n _{2MAX} [rpm]			n _{1MAX} [rpm]	n _{2MIN} [rpm]			n _{2MAX} [rpm]			n _{1MAX} [rpm]
			M ₂ [Nm]	sf		M ₂ [Nm]	sf			M ₂ [Nm]	sf		M ₂ [Nm]	sf		
1	3.7	4	81	1.3	4.6	811	1.3	3.1	3000	108	1.3	4.6	1081	1.3	2.8	4000
	4.28	4	70	1.5	4.0	701	1.5	2.7		93	1.5	4.0	935	1.5	2.4	
	5.18	5	58	1.8	3.3	579	1.8	2.2		77	1.8	3.3	772	1.8	2.0	
	6.75	7	44	2.3	2.5	444	2.3	1.7		59	2.3	2.5	593	2.3	1.5	
2	13.73	14	22	4.4	3.9	218	4.4	2.6	3000	29	4.4	3.9	291	4.4	2.3	4000
	15.88	16	19	5.1	3.4	189	5.1	2.3		25	5.1	3.4	252	5.1	2.0	
	18.36	18	16	5.9	2.9	163	5.9	2.0		22	5.9	2.9	218	5.9	1.7	
	19.2	19	16	6.2	2.8	156	6.2	1.9		21	6.2	2.8	208	6.2	1.7	
	22.2	22	14	7.2	2.4	135	7.2	1.6		18	7.2	2.4	180	7.2	1.4	
	25.01	25	12	8.1	2.1	120	8.1	1.5		16	8.1	2.1	160	8.1	1.3	
	26.9	27	11	8.7	2.0	112	8.7	1.4		15	8.7	2.0	149	8.7	1.2	
	28.9	29	10	9.3	1.8	104	9.3	1.3		14	9.3	1.8	138	9.3	1.1	
	35.0	35	8.6	11	1.5	86	11.3	1.0		11	11	1.5	114	11	0.9	
	45.6	46	6.6	15	1.2	66	14.7	0.8		8.8	15	1.2	88	15	0.7	
	50.9	51	5.9	15	2.4	59	15.3	1.6		7.9	15	2.4	79	15	1.4	
	58.9	59	5.1	18	2.1	51	17.7	1.4		6.8	18	2.1	68	18	1.2	
3	68.1	68	4.4	20	1.8	44	20	1.2	3000	5.9	20	1.8	59	20	1.1	4000
	71.2	71	4.2	21	1.7	42	21	1.2		5.6	21	1.7	56	21	1.0	
	78.7	79	3.8	24	1.6	38	24	1.1		5.1	24	1.6	51	24	0.9	
	92.7	93	3.2	28	1.3	32	28	0.9		4.3	28	1.3	43	28	0.8	
	95.2	95	3.2	29	1.3	32	29	0.9		4.2	29	1.3	42	29	0.8	
	99.5	100	3.0	30	1.2	30	30	0.8		4.0	30	1.2	40	30	0.7	
	107.2	107	2.8	32	1.1	28	32	0.8		3.7	32	1.1	37	31	0.7	
	115.07	115	2.6	35	1.1	26	35	0.7		3.5	35	1.1	35	31	0.7	
	123.97	124	2.4	37	1.0	24	36	0.7		3.2	37	1.0	32	31	0.7	
	129.62	130	2.3	39	0.9	23	36	0.7		3.1	39	0.9	31	31	0.7	
	139.13	139	2.2	42	0.9	22	36	0.7		2.9	42	0.9	29	31	0.7	
	149.9	150	2.0	45	0.8	20	36	0.7		2.7	45	0.8	27	31	0.7	
	168.84	169	1.8	51	0.7	18	36	0.7		2.4	51	0.7	24	31	0.7	
	181.24	181	1.7	53	0.7	17	36	0.7		2.2	53	0.7	22	31	0.7	
	195.26	195	1.5	53	0.7	15	36	0.7		2.0	53	0.7	20	31	0.7	
	236.09	236	1.3	53	0.7	13	36	0.7		1.7	53	0.7	17	31	0.7	
307.54	308	1.0	53	0.7	9.8	36	0.7	1.3	53	0.7	13	31	0.7			

Rapporti preferenziali
Preferred ratios

Attenzione: superamento della coppia nominale supportata dal riduttore per servizio S1.
Contattare il ns. servizio tecnico
Attention: rated torque withstood by gear reducer for service in S1 is exceeded.
Please, contact our technical office.



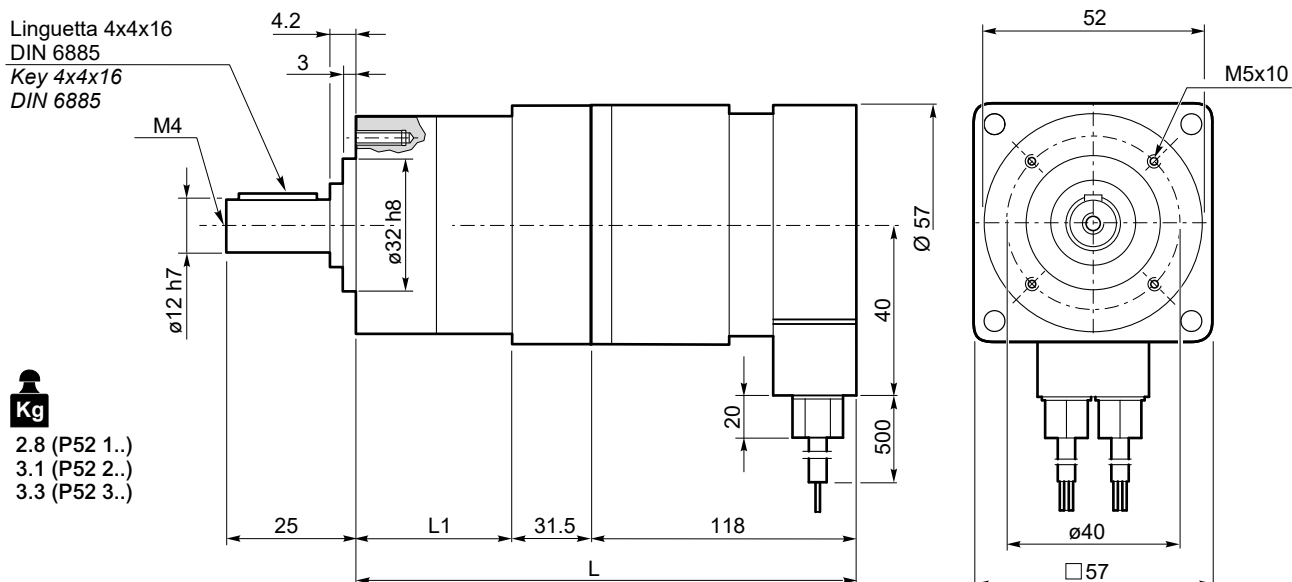
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P52 with brushless DC motor

Tipo Type	Numero di poli Number of poles	Numero di fasi Number of phase	Tensione Rated voltage [V]	Numero di giri Rated speed [rpm]	Coppia nominale Rated torque [Nm]	Potenza nominale Rated power [W]
BLS043.240	4	3	36	4000	0.43	180
			24	3000		130
Tipo Type	Coppia massima Peak torque [Nm]	Corrente nominale Rated current [A]	Resistenza Resistance [ohm]	Induttanza Inductance [mH]	Corrente massima Peak current [A]	Peso Weight [kg]
BL043.240	0.86	6	0.35	1	12.0	1.25



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BLS043.240



P52	BLS043.240		
	Ns	L1	L
	1	46	195.5
	2	60	209.5
	3	74	223.5

