

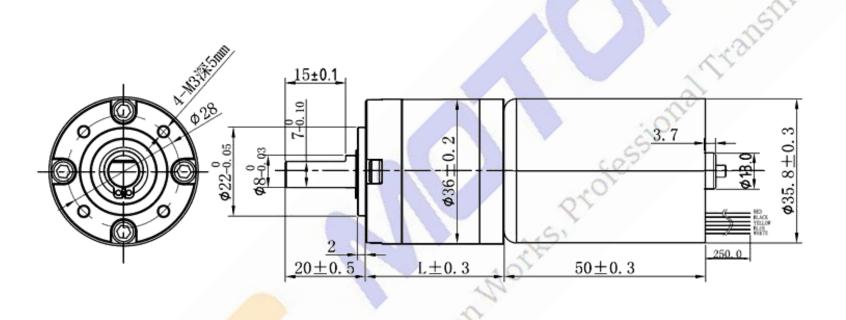
DONGGUAN E-S MOTOR CO.,LTD

Add: 613, Hengfu building, Dongcheng Middle Rd, Dongguan 523000, China

Tel: 86.135.3263.9595

E-mail : sales@e-smotor.com

www.e-smotor.com





36PG-3650BL planetary gear motors, 24V, Max power 30w

		No-load		Rated		Protect Current	Gearbox Length	
Model	Gear ratio	Current	Speed	Speed	Torque	Current	A	(L)
Model		mA	RPM	RPM	Kg.cm	А		
36PG-3650BL-5.2	5.2	< 400	1535	700	3	< 2.6		26.5
36PG-3650BL-14	14	< 400	570	260	8	< 2.6		34.5
36PG-3650BL-19	19	< 400	420	190	11	< 2.6		
36PG-3650BL-27	27	< 400	300	130	16	< 2.6		
36PG-3650BL-51	51	<mark>< 4</mark> 00	160	80	30	< 2.6	3	
36PG-3650BL-100	100	< 400	80	40	60	< 2.6		42.5
36PG-3650BL-139	139	< 400	58	34	60	< 2.6		
36PG-3650BL-264	264	< 400	30	15	60	< 2.6		
36PG-3650BL-515	515	< 400	15	8	60	< 2		50.5

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MOT

36PG-3650BL planetary gear motors, 12V, Max power 7w

		No-load		Rated			Protect Current	Gearbox Length
Madal	Gear ratio	Current	Speed	Speed	Torque	Current	A	(L)
Model		mA	RPM	RPM	Kg.cm	А		
36PG-3650BL-5.2	5.2	< 280	770	360	1.5	< 1.8		26.5
36PG-3650BL-14	14	< 280	290	135	4	< 1.8		
36PG-3650BL-19	19	< 280	210	100	5.5	< 1.8		34.5
36PG-3650BL-27	27	< 280	150	65	8	< 1.8		
36PG-3650BL-51	51	< <mark>2</mark> 80	80	40	15	< 1.8	3	
36PG-3650BL-100	100	< 280	40	20	30	< 1.8		42.5
36PG-3650BL-139	139	< 280	29	16	40	< 1.8		
36PG-3650BL-264	264	< 280	15	7	60	< 1.8		
36PG-3650BL-515	515	< 280	7	4	60	< 1.8		50.5

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MOT

Motor terminations:

Terminations		I/O	Conditions	Remark		
GND		IN	Ground	(black wire) Ground		
Vcc		IN	DC 12 / 24V ±10%	(red wire) Power supply		
FG	VOH		Min4V at 5V10K Ω pull_up	(yellow wire) this is the open		
	VOL	1	Min0V Max0.6V	collector output, which can detect		
	FG current	OUT	Max 5mA	 the rotation speed using the FG output according to the phase 		
	FG pulse quantity	1	6 pulse per circle	shift		
PWM	Input voltage	6	0~5V	(blue wire)		
	VIH		Min 2.0V	Motor stop		
	VIL	IN	Max0.6V	Motor running		
	PWM frequency		Max 50kHz	Advise 15~25kHz		
CW/ CCW	Input voltage		0~5V	(white wire)		
	VIH	IN	Min 2.0V	CCW		
	VIL	0	Max 0.6∨	CW		



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