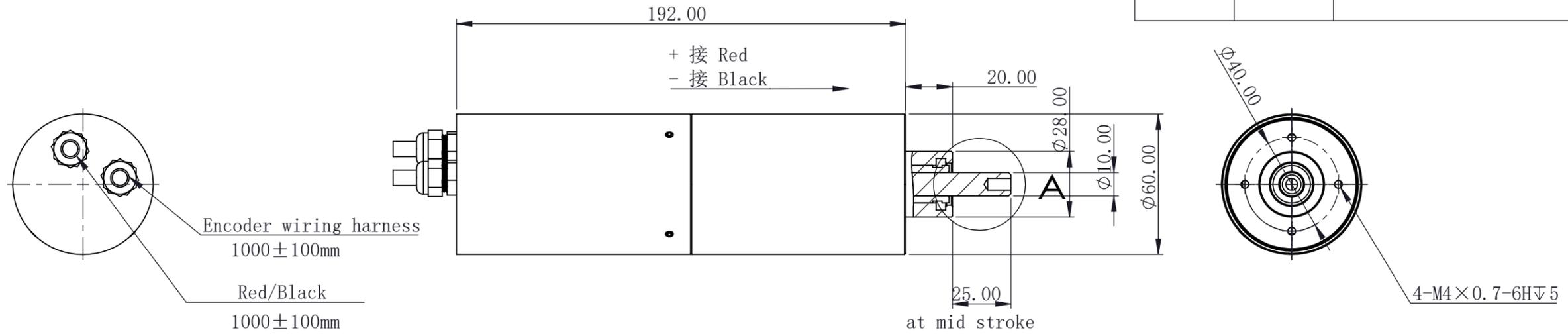
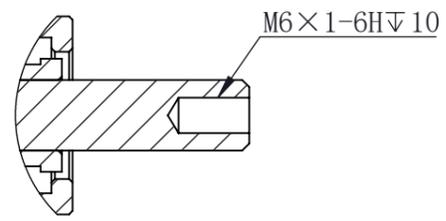


REVISION			
REV	DATE	DESCRIPTION	DRAWN BY

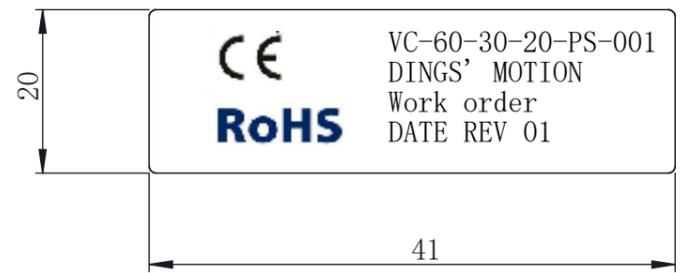


TECHNICAL PARAMETERS

Parameter	Einheit	Werte
Stroke行程	mm	30
Continuous force持续推力	N	20
Peak force峰值推力	N	100
Force Constant力常数	N/A	11.11
Back EMF constant反电动势常数	V/m/s	11.11
Resistance电阻	Ω	7.68 Ω ±10%
Inductance电感	mH	TBD
Electrical Time Constant电气时间常数	ms	TBD
Continuous current (coil at 100 ° C)持续电流	A	1.8
Peak Current峰值电流	A	9
Max coil temperature线圈最高温度	°C	155
Coil assembly mass线圈重量	g	TBD
Magnet weight磁体重量	g	(455)
Coil clearance线圈间隙	mm	0.7
Insulation Class绝缘等级		B
Resolution分辨率	μm	1



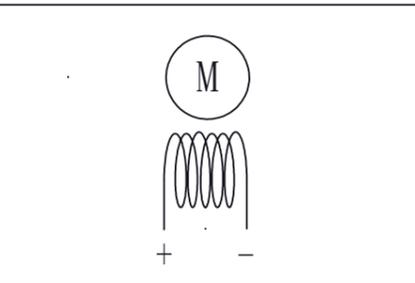
局部视图 A



功能	管号	颜色	H线序 (D-GUBT12线头)	M线序 (D-GUEP12线头)	I线序 (D-GUJ27线头)	N线序(散线) (D-日匡 12H-35)	
电源	SV	红、橙	7, 8	5	7	1, 2	
	0V	黑、蓝	2, 9	1	2	3, 4	
增量	A	-	绿	14	2	6	9
		-	橙	6	6	7	10
	B	-	灰	13	4	8	12
		-	紫	5	8	3	11
参考零位	Z	-	蓝	12	3	9	7
		-	黄	4	7	5	8
限位	RDY (限位(-L))	浅黄	3	-	-	5	
	LMT (限位(+R))	白	10	-	-	6	
屏蔽	内屏蔽	热缩管黑	15	9	4	[请查图(DV)确认]	
	外屏蔽	-	外壳	外壳	外壳	[请查图(DV)确认]	

CUSTOMER

WIRING CHART



EXCITING SEQUENCE

UP	→
Red +	+ -
Black -	- +
DOWN	←

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-cK.

LINEAR		ANGLUR	
0~3	±0.2	0~10	±1.5°
3~6	±0.5	10~50	±1°
6~30	±0.8	50~120	±30'
30~120	±1.5	120~400	±15'

DRAWN	QHF	DATE	20260320
APPRVD		DATE	

MODEL VC-60-30-20-PS-001

DINGS

SIZE	A3	SHEET	1 OF 1
SCALE	Free	REV	00