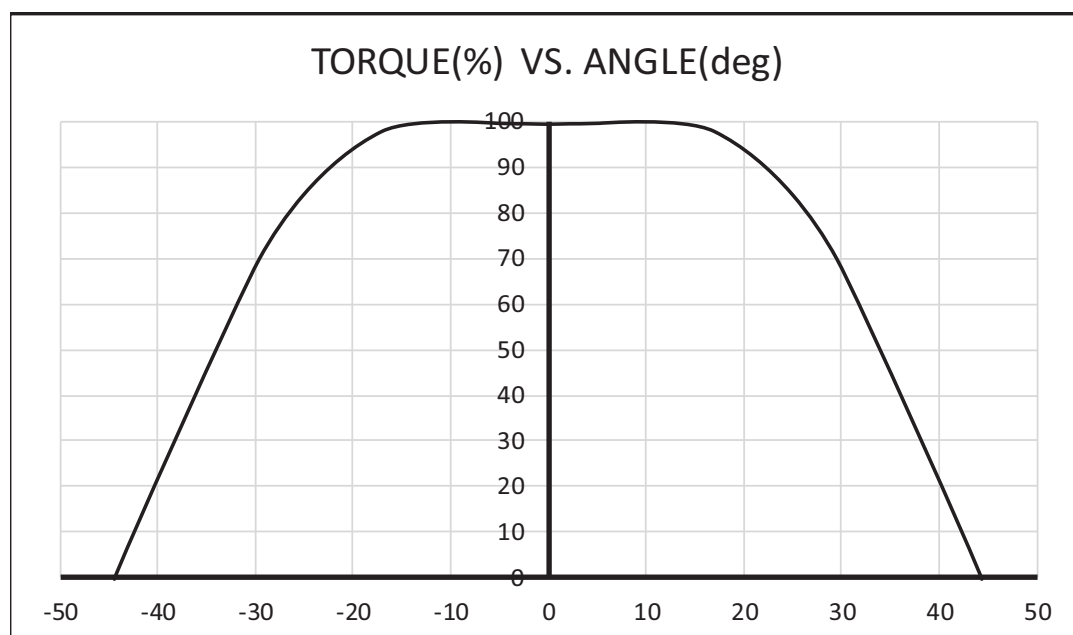


موتورهای زاویه محدود بدون ذغال

BLDC LIMITED ANGLE TORQUE MOTOR



MODEL: LA-4012-45		PRODUCT SPECS.	
PARAMETER	SYMBOL	UNIT	VALUE
PEAK TORQUE, STALLED @VP	T_p	mNm	80
COGGING TORQUE	T_{CG}	mNm	0
DC RESISTANCE	R	Ω	14 $\pm$ 10%
INDUCTANCE	L	mH	2.5 $\pm$ 10%
TORQUE SENSITIVITY	K_{TS}	mNm/A	47
BACK EMF CONSTANT	K_{BE}	mV/(rad/sec)	45 $\pm$ 10%
PEAK VOLTAGE	V_p	V	24
CURRENT @TP	I_p	A	1.7
INPUT POWER @TP	P	W	41
MOTOR CONSTANT	K_M	mNm/(W) ^{0.5}	12.5
ROTOR INERTIA	J_M	g.cm ²	13.5
ANGULAR EXCURSION	D_{AE}	deg	$\pm$ 45
TEMPERATURE	t	°C	-40 ~ +100
NO. OF POLES			4
BODY COLOR			RED
WEIGHT	m	g	63 $\pm$ 5%



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