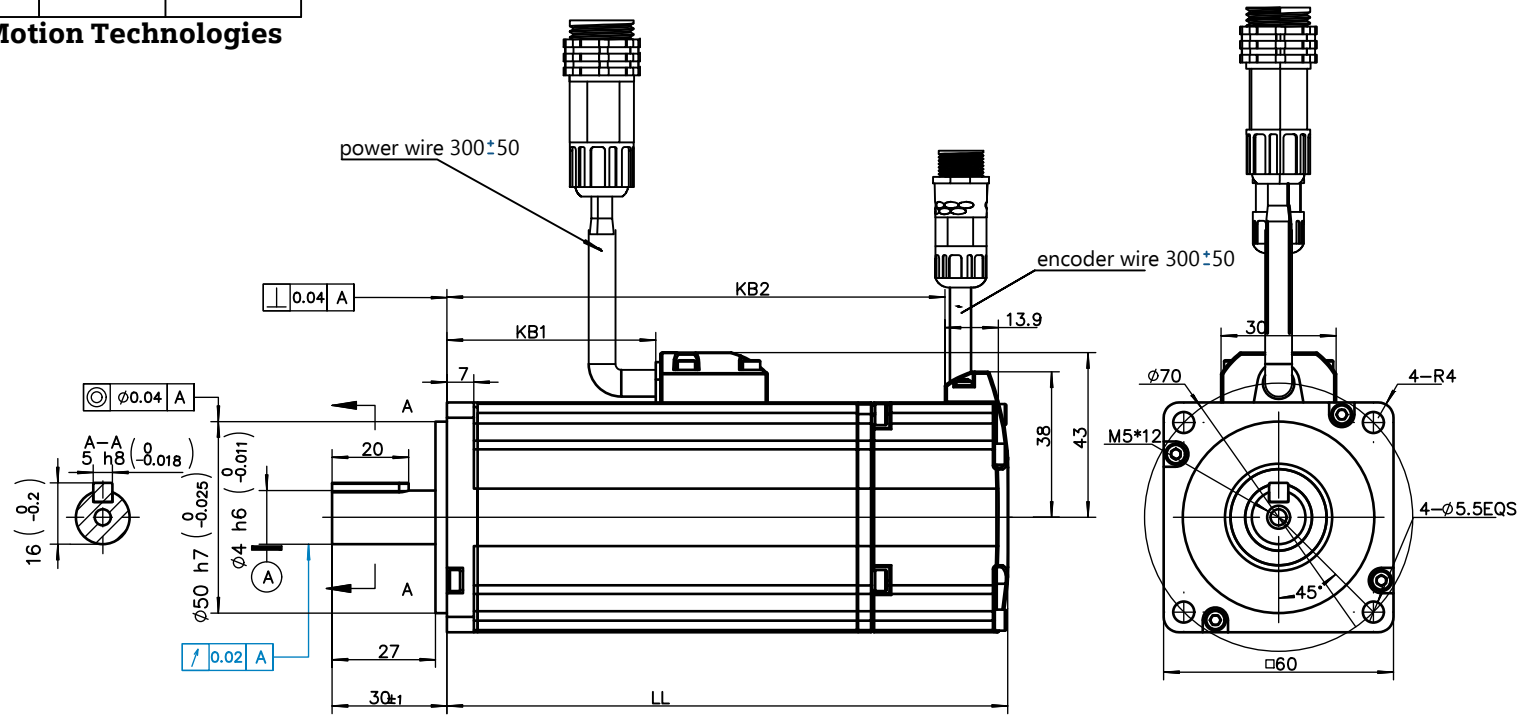


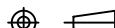
RemKey	Page	Date	Description
General			

Servo Motion Technologies



MODEL / PART NUMBER	ENCODER TYPE / Res	DIMENSIONS (mm)		
		LL	KB1	KB2
EM3A-02AT/FA222	T:17-bit absolute encoder F:20-bit incremental enc.	96.5	27.5	80
EM3A-02ALA222	L:23-bit absolute encoder	78	27.5	61.5
EM3A-04AT/FA222	T:17-bit absolute encoder F:20-bit incremental enc.	117.5	48.5	101
EM3A-04ALA222	L:23-bit absolute encoder	99	48.5	82.5

Power Cable				Encoder Cable			
No Brake	With Brake	Pin No.	Connector Spec		Pin No.	F type	L type
		1	U		1	S+	S+
		2	V		2	S-	S-
		3	W		3	/	BAT+
		4	FG		4	MA+	/
		5	B1		5	MA-	/
		6	B2		6	PG5V	PG5V
					7	PG0V	PG0V
					8	/	BAT-
					9	FG	FG

MATERIAL:		TOLERANCE UNSPECIFIED		Servo Motion Technologies Inc.		
		.XXX	±0.15		www.servomotiontechnologies.com	
FINISH:		.XX	±0.20			
		.X	±0.25	NAME: Servo Motor		
		ANGLE	±0.5°			
 THIRD ANGLE PROJECTION	ITEM:	NAME:	DATE:	PART NO: EM3A-02 04ALA TA FA222		
	DRAWN:	R. M	11/19/19	DRAWING NO: Dr140310-23		
	DESIGNER:	R. M	11/19/19			
	CHECKED:	R. M	JAN12,2025	UNIT: mm	SIZE: A3	REV: 00
	APPROVED:	R. M	JAN12,2025	SCALE: 2:1		SHEET: 1 OF 1



THIRD ANGLE PROJECTION