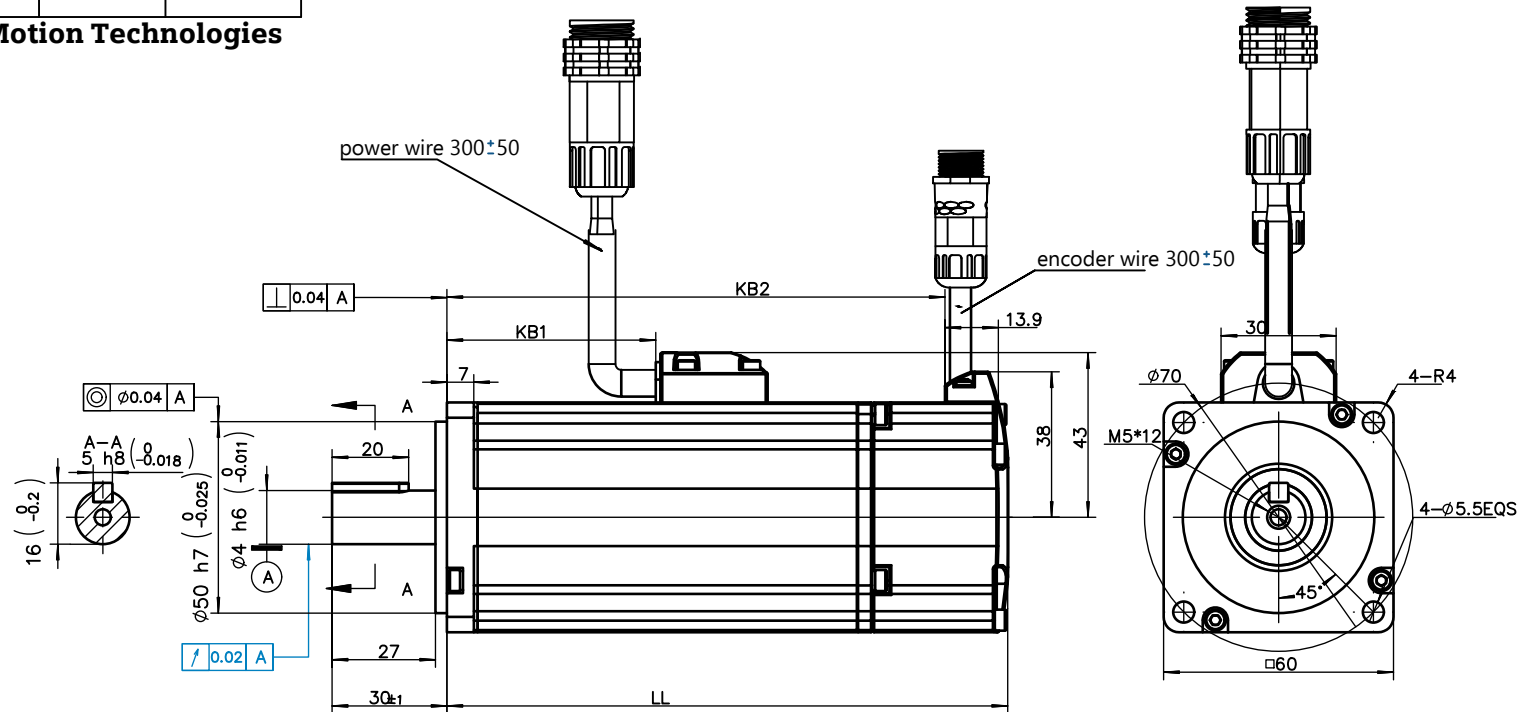


RemKey	Page	Date	Description
General			

Servo Motion Technologies



MODEL / PART NUMBER	ENCODER TYPE / Res	DIMENSIONS (mm)		
		LL	KB1	KB2
EM3A-02AT/FA248	T:17-bit absolute encoder F:20-bit incremental enc.	125.5	33.5	109
EM3A-02ALA248	L:23-bit absolute encoder	107	33.5	109
EM3A-04AT/FA248	T:17-bit absolute encoder F:20-bit incremental enc.	146.5	54.5	130
EM3A-04ALA248	L:23-bit absolute encoder	128	54.5	111.5

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. www.servomotiontechnologies.com	
FINISH:		.XXX	±0.15		
		.XX	±0.20	NAME: Servo Motor	
		.X	±0.25		
		ANGLE	±0.5°	PART NO: EM3A-0204AL AT AF A248 BRK DRAWING NO: Dr140310-23	
THIRD ANGLE PROJECTION	ITEM:	NAME:	DATE:	UNIT: mm	SIZE: A3
	DRAWN:	R. M	11/19/19	SCALE: 2:1	SHEET: 1 OF 1
	DESIGNER:	R. M	11/19/19		
	CHECKED:	R. M	JAN12,2025		
	APPROVED:	R. M	JAN12,2025		