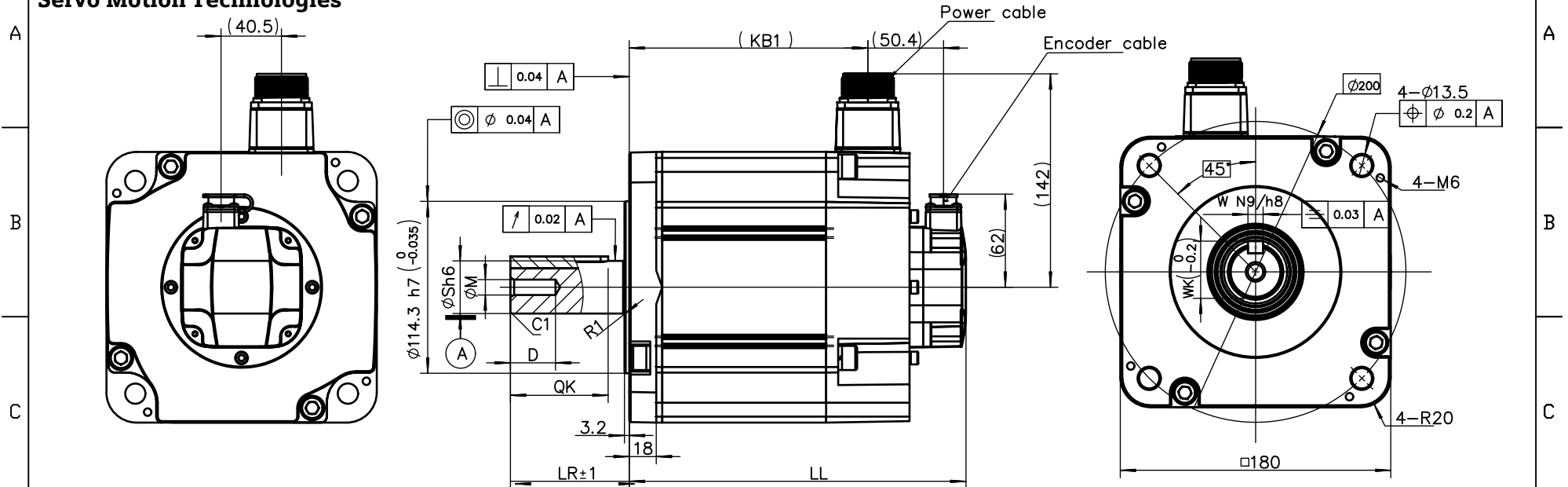


RemKey	Page	Date	Description
General			

Servo Motion Technologies



Motor model	Encoder model	Weight (Kg)	External dimensions (mm)								
			LL	LR	QK	S	KB1	W	WK	M	D
EM3G-29D T/L A 244	T: 17 bit absolute encoder L: 23 bit absolute encoder	18.8	205	79	65	35	139.8	10	38	12	25
EM3G-44D T/L A 244		21.8	224	79	65	35	158.8	10	38	12	25
EM3G-55D T/L A 244		27.8	264	113	96	42	198.8	12	45	16	32
EM3G-75D T/L A 244		33.6	300	113	96	42	234.8	12	45	16	32

Power Cable			Power Cable Connector		Encoder Cable		Encoder Connector		Motor body heat resistance class: F A:200V / D:400V L:23-bit absolute encoder			
Connector Spec.	Pin No.	Color			L type	Pin No.	Color					
U	A				SD+	1	Blue					
V	B				SD-	2	Purple					
W	C				BAT+	3	Orange					
FG	D				BAT-	4	Brown					
B1	1				-	5	-					
B2	2				-	6	-					
					PG0V	7	Black					
					PG5V	8	White					
					-	9	-					
					FG	10	FG					

Note: If motor without holding brakes, there is no B1 and B2 signal on the Power cable connector

MATERIAL:		TOLERANCE UNSPECIFIED		NAME: Servo Motor	
		.XXX	±0.15		
		.XX	±0.20		
		.X	±0.25		
		ANGLE	±0.5°		
		NAME:	DATE:		
		DRAWN:	R. M		
		DESIGNER:	R. M		
		CHECKED:	R. M		
		APPROVED:	R. M		

Part No: EM3G29-44-55-75 With Brake	Drawing No: Dr140310-23	Unit: mm	Size: A3	Rev: 00
Scale: 2:1	Sheet: 1 of 1			