

# MOTOR TYPE : 23KM-K249BT04CA

TITLE	SERIAL NO.	UNIT	INPUT SPEC	NO. SPEC	1	2	3		
MOTOR	Length	mm	42.0 MAX		41.12	41.06	40.99		
	Length	mm							
SHAFT	Length (F)	mm	14 $\pm$ 0.05	13.50 ~ 14.50	14.13	14.18	14.19		
	Diameter (F)	mm	6.35 $\pm$ 0.013	6.337 ~ 6.350	6.339	6.341	6.341		
	Length (R)	mm							
	Diameter (R)	mm							
	D Cut Length (F)	mm	11 $\pm$ 0.05	10.75 ~ 11.25	10.960	10.970	10.980		
	D Cut Measure (F)	mm	5.8 $\pm$ 0.15	5.650 ~ 5.950	5.801	5.804	5.810		
	D Cut Length (R)	mm							
	D Cut Measure (R)	mm							
	Hole Diameter	mm							
	Hole Position	mm							
	Run Out	mm							
End Play (at N)	mm								
SCREW	<input type="checkbox"/> Height	mm							
	<input type="checkbox"/> Depth	mm							
	Torque	mNm							
<input checked="" type="checkbox"/> FLANGE <input type="checkbox"/> DAMPER	Pilot Diameter	mm	38.1 $\pm$ 0.05	38.05 ~ 38.15	38.08	38.08	38.08		
	Fixing Hole Center	mm							
	Spigot Concentric	mm							
	Spigot Perpendicular	mm							
	Spigot height	mm							
	Plate Thickness	mm							
	Flange Length	mm							
GEAR / PULLEY	Height	mm							
	Run Out	mm							
	Diameter	mm							
	Number of Tooth	Teeth							
	Insert Force	Kg							
Pull out Force	Kg								
LEAD WIRE	Length	mm							
	Length	mm	300 MIN		306	306	306		
	Type / Size		UL1007/AWG#22		OK	OK	OK		
TUBE	Length / Size	mm							
CABLE TIE	Length	mm							
NAMEPLATE	Position Model		-		OK	OK	OK		
<input checked="" type="checkbox"/> CONNECTOR <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> HEADER	<input checked="" type="checkbox"/> LEAD WIRE COLOR	1	A	RED	OK	OK	OK		
		2	B	BLU	OK	OK	OK		
		3	A	YEL	OK	OK	OK		
		4	B	ORG	OK	OK	OK		
		5							
		6							
		7							
		8							
DC RESISTANCE	$\Omega$	2.4 $\pm$ 0.24	2.16 ~ 2.64	2.520	2.460	2.510		2.50	
INDUCTANCE at 1 kHz 1 Vrms	mH	7.7 $\pm$ 1.54	6.16 ~ 9.24	8.440	7.760	7.730		7.98	
HI - POT , INSULATION		600VAC, 100M $\Omega$		OK	OK	OK			
DETENT TORQUE	af-cm	204 REF		200	200	200			
	mNm	20 REF		19.62	19.62	19.62		19.6	
HOLDING TORQUE	af-cm	5,500 MIN		7,400	7,400	7,400			
	mNm	539 MIN		725.9	725.9	725.9			
ROTATION DIRECTION		CW		OK	OK	OK			
STEP ACCURACY	1.8°	$\pm$ 0.09° MAX		$\pm$ - °	$\pm$ - °	$\pm$ - °	$\pm$ - °	$\pm$ - °	