

INSPECTION DOCUMENT

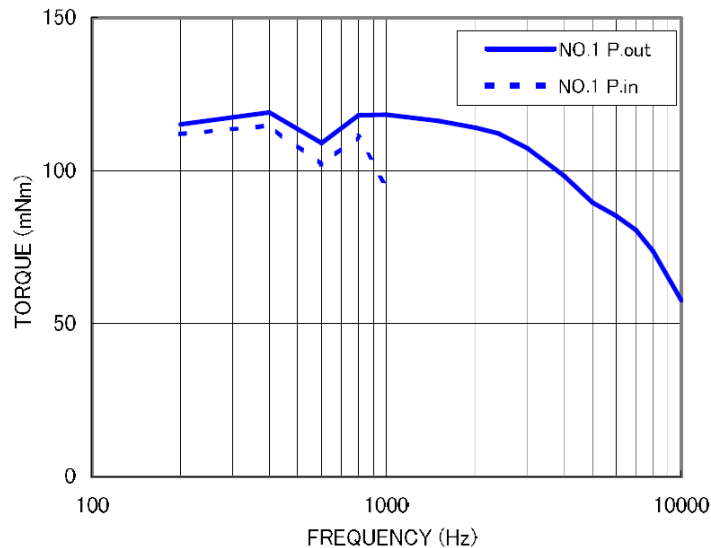
MOTOR TYPE : 10PM-K405CT01CN

		SPEC	NO.1	NO.2	NO.3	NO.4	NO.5
INPUT VOLTAGE	V	24	←	←	←	←	←
MOTOR VOLTAGE	V	1.95	←	←	←	←	←
CURRENT	A[PHASE]	1.60	←	←	←	←	←
RESISTANCE	Ω [PHASE]	1.5 ± 0.15	1.588	1.627	1.619	1.630	1.648
INDUCTANCE	mH[PHASE]	1.4 ± 0.28	1.561	1.556	1.559	1.554	1.515
HOLDING TORQUE at 1.6 A	mNm	125 MIN.	166.7	163.7	163.7	164.7	166.7
P.OUT TORQUE at 2400 Hz	mNm	- MIN.					
P.IN TORQUE at - Hz	mNm	- MIN.					
DETENT TORQUE	mNm	6.0 REF.	5.0	4.6	5.3	4.8	5.1
STEP ACCURACY	°	± 0.09 MAX.	OK	←	←	←	←
SHAFT ROTATION		CW	OK	←	←	←	←
SHAFT LENGTH	mm	14 ± 0.5	OK	←	←	←	←
SHAFT DIAMETER	mm	$\phi 5.0/-0.013$	OK	←	←	←	←
FLANGE SPIGOT DIAMETER	mm	$\phi 15.0/-0.05$	OK	←	←	←	←
LEAD WIRE TYPE		UL1061AWG#26	OK	←	←	←	←
LEAD WIRE LENGTH	mm	300 MIN.	OK	←	←	←	←
DIELECTRIC STRENGTH		500 V [AC] 60 s	OK	←	←	←	←
INSULATION RESISTANCE	M Ω MIN.	100	OK	←	←	←	←
GEAR / PULLEY HEIGHT	mm	-					
VISUAL		-	OK	←	←	←	←

TORQUE CURVE

SUPPLY VOLTAGE : 24 V [DC]
 DRIVE CURRENT : 1.6 A [PHASE]
 DRIVER : STK682-001-E (2-2 ϕ ON)

LOAD INERTIA : 35.4 gcm²
 INST. : PV-7300/PK-203 (ONO SOKKI)



	NO.1	
	P.out	P.in
200	115.2	111.9
400	119.2	114.7
600	109.0	102.0
800	118.0	111.1
1000	118.2	94.6
1500	116.4	
2000	114.0	
2400	112.1	
3000	107.4	
4000	98.2	
5000	89.7	
6000	85.3	
7000	80.7	
8000	73.8	
10000	57.7	

Hz

mNm

Minebea Motor Manufacturing Corporation