



SPECIFICATION OF MOTOR CONNECTOR

PIN No.	SIGNAL
1	U
2	V
3	W
4	F.G.

TABLE SPECIFICATIONS.

MAXIMUM THRUST	25	N	*1
RATED THRUST	7	N	*2
MAXIMUM LOAD MASS	5	Kg	
EFFECTIVE STROKE LENGTH	25	mm	
LIMIT STROKE LENGTH	31	mm	
RESOLUTION	0.5	μm	
MAXIMUM SPEED	1.3	m/s	
REPEATABILITY	±0.5	μm	*3
MASS OF THE MOVING PART	0.17	Kg	
TOTAL MASS	0.42	Kg	*4
AMBIENT TEMPERATURE AND HUMIDITY	0~40°C · 20~80%RH		
COEFFICIENT OF LINEAR EXPANSION FOR TAPE SCALE ATTACHMENT PART	11.6 × 10 <sup>-6</sup> /°C		

MEASURED ACCURACIES ARE ACCORDING TO IKO INTERNAL EVALUATION METHODS.

- \*1 THE DURATION OF MAXIMUM THRUST IS UP TO 1 SECOND.
- \*2 THIS IS BASED ON THE CASE OF MOUNTING ON A METAL MATING MEMBER MATERIAL AT AN AMBIENT TEMPERATURE OF 20°C.
- \*3 WHEN THE TEMPERATURE OF THE PRODUCT IS CONSTANT.
- \*4 MASS OF THE CORD IS NOT INCLUDED.

STANDARD MAIN SPECIFICATION

(a).THE MOTOR CONNECTOR OF THE OTHER SIDE (HOUSING 172159-1. TERMINAL 170366-1 MADE BY AMP) IS NOT ATTACHED.


2	MOTOR CONNECTOR	1 4	172167-1 170359-1 (AMP)
1	ENCODER HEAD	1	LIK41-M32-PZor (JENA)
NO.	DESCRIPTION	Q'TY	REMARKS

CUSTOMER IKO International, Inc. (Irving, TX)				SCALE 1:1.5 (mm)	CLASSN. —	DATE 19.Jan '22	THEIR PART NO.	TITLE(PART NAME) PRECISION POSITIONING TABLE
REV	DESCRIPTION	DWN	APPD	DATE	DRAFTMAN K. OKUYA	DRWG. NO. 22791-0032-00D	PART NO. NT55V25/5L1	
△					CHECKED K. KATOH			
△					APPROVED T. HAGIYA			

**IKO NIPPON THOMPSON CO.,LTD.**