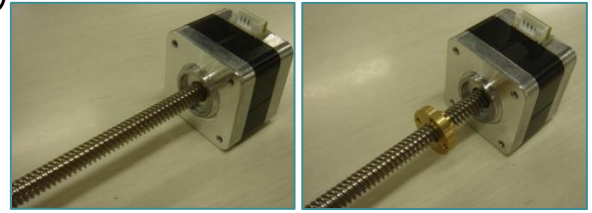


Minebea

Hybrid Stepping Motor External Linear type

ハイブリッドステッピングモーター エクスターナルリニアタイプ

RoHS Compliant



Lineup

Model	Motor Size (mm)	Step Angle (deg)	Drive Sequence	Rated Current (A)	Resistance (ohms)	Holding Torque (mNm)	Inductance (mH)
L17PMK049U	□42 × 34	1.8	UNI-POLAR	1.0	3.2	200	3.2
L17PMK049B	□42 × 34	1.8	BI-POLAR	0.7	6.4	270	12.8

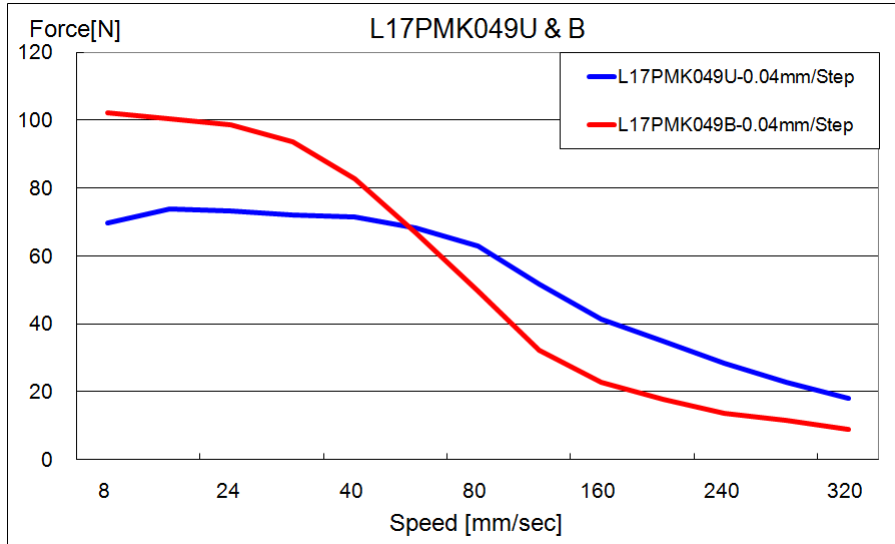
Lead Screw Specifications

Length (mm)	Linear Travel /Step (mm)	Lead (mm)
300 REF.	0.040	8.0

*Various screw lengths are available.

Force vs. Linear Velocity

Driver : Chopper Dual / Supply Voltage : 24.0 (volt) / Drive current : Rated Current



General Specifications

- Step Accuracy ±5%
- Temperature Rise 80°C MAX
- Ambient Temperature Range -20°C +50°C
- Insulation Resistance 100 MΩ MIN. DC 500V
- Dielectric Strength AV 500V 1min
- Radial Play 20μm MAX. (at 4.4N [450gf] [Load])
- End Play 80μm MAX. (at 4.4N [450gf] [Load])

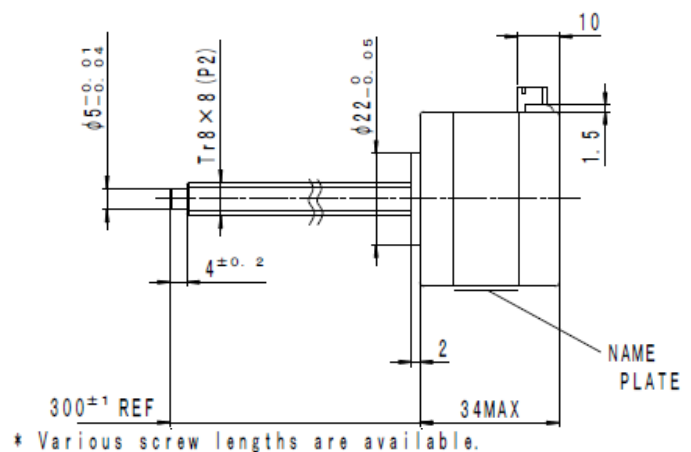
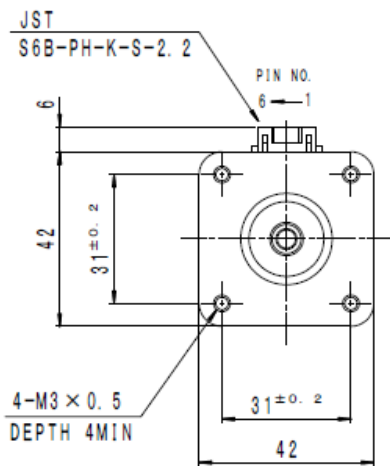
Precaution

- Allowable radial load : Please avoid excessive load in use.

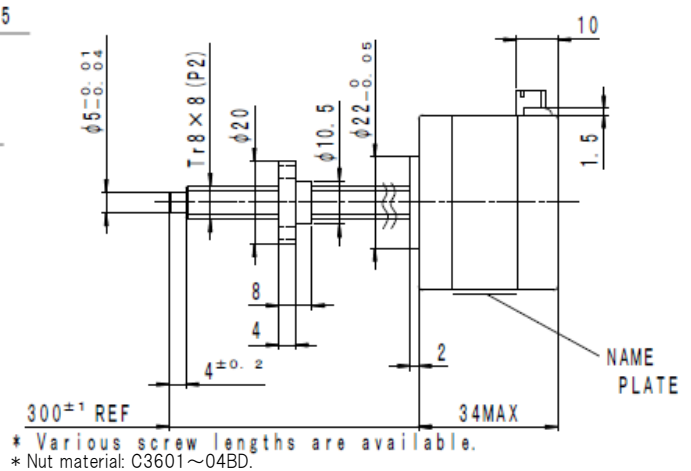
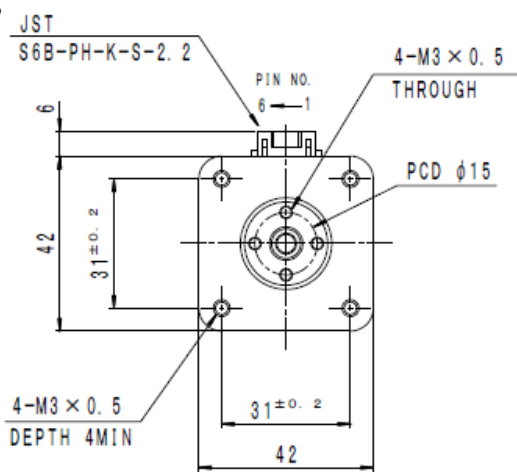
■ Specifications are subject to change without notice.

Outline

TYPE A

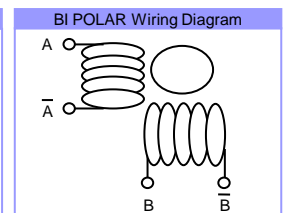
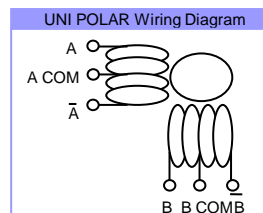


TYPE B



PIN NO. vs. PHASE

PHASE	A	A COM	\bar{A}	B	B COM	\bar{B}
PIN NO.	4	5	6	3	2	1



Sales

JAPAN Domestic	Stepping Motor Product Sales Management	TEL:+81-3-6758-6768	FAX:+81-3-6758-6760	
	Tokyo Office	TEL:+81-3-6758-6748	FAX:+81-3-6758-6760	
	Nagoya office	TEL:+81-52-231-1181	FAX:+81-52-231-1157	
	Osaka office	TEL:+81-6-6263-8331	FAX:+81-6-6263-7388	
Overseas	NMB-Minebea Thai Ltd, Bangkok Office	+66-2-253-4897	NMB Singapore Ltd. +65-6278-8522	
	Minebea Trading (Shanghai) Ltd.	+86-21-5405-0707	Minebea (Shenzhen) Ltd. +86-755-8348-0788	
	Minebea (Hong Kong) Ltd.	+852-2730-9913	Minebea Technologies Taiwan Co., Ltd. +886-2-2718-2363	
	NMB Korea Co., Ltd.	+82-2-557-4467	Minebea Co., Ltd. Kuala Lumpur Branch (Malaysia) +60-3-5631-7849-52	
	NMB-Minebea Thai Ltd. Manila Office (Philippines)	+63-2-856-1395	NMB-Minebea India Private Limited (India) +91-124-329-1333	
	Representative Office of NMB-Minebea Thai Ltd, in Hanoi (Vietnam) +84-43-974-4582			
	NMB Technologies Corporation (USA)	+1-818-341-3355		
	NMB-Minebea-GmbH (Germany)	+49-6103-913-0	NMB Italia S.r.L.	+39-02-939711
	NMB Minebea S.a.r.l (France)	+33-1-34083939		
	NMB-Minebea do Brasil Importação e Comércio de Componentes de Precisão Ltda +55-11-3939-0882			

Minebea

ミネベア株式会社
Minebea Co., Ltd.

<http://www.eminebea.com/>

CONTACT