LE11 Series

Phases	2
Step Accuracy	±5%
IP Rating	40
Approvals	RoHS
Operating Temp.	-20°C~+50°C
Insulation Class	B(130°C)
Insulation Resistance	100MegOhms

Ordering Information

LE 11 1S − W0601 − 100 − AR1 − 0 − XXX

Lead Screw Motor Type Code

Code	Structure Type
LE	External Nut - Lead screw Shaft

Frame Size Code

Code	Frame Size
11	28mm

Motor Body Length Code

Code	Motor Body Length Max(mm)	Step Angle (°)
1S	32	1.8
3S	41	
5S	52	

Lead Screw Type Code

Code	Nominal Diameter (mm)	Lead (mm)	Travel(mm)
			Travel Per1.8°
M0501	5	1	0.005
M0505		5	0.025
M0520		20	0.1
W0601	6	1	0.005
M0602		2	0.01
T6503	6.5	3	0.015

Code	Nominal Diameter		Lead		Travel(mm)
	inch	mm	inch	mm	Travel Per1.8°
E04006	0.188	4.78	0.025	0.64	0.0032*
E04012			0.05	1.27	0.0064*
E04025			0.1	2.54	0.0127*
E05006	0.218	5.54	0.024	0.61	0.0030*
E05012			0.048	1.22	0.0061*
E05048			0.192	4.88	0.0244*
E06008	0.25	6.35	0.031	0.79	0.0039*
E06016			0.063	1.60	0.008
E06032			0.125	3.18	0.0159*
E06063			0.25	6.35	0.0318*
E06085			0.333	8.46	0.0423*
E06127			0.5	12.70	0.0635
E06254			1	25.40	0.1270

The number with * is abbreviated.

Rated Current Code

XXX=X.XX(A)

Special Custom Type Code

Code	Custom Type
0	Non Special Custom
S	Lead Screw End Machining
E	Add Encoder
B	Add Brake
C	Other Special Custom Type

Nut Type Code

Code	Nut Type	Mating Lead Screw
AR0	Round Standard Nut	E04006 E04012 E04025 M0501 M0505 M0520
BR0	Round Anti-Backlash Nut	
AT0	Triangular Standard Nut	
BT0	Triangular Anti-Backlash Nut	
AR1	Round Standard Nut	E05006 E05012 E05048 E06008 E06015 E06032 E06063 E06085 E06127 E06254 W0601 M0602 T6503
BR1	Round Anti-Backlash Nut	
AT1	Triangular Standard Nut	
BT1	Triangular Anti-Backlash Nut	
CN	Custom Made Nut	

Lx

###	Provided in 1 mm increments

Note:Choose the standard order models can get the sample quickly, please see P9 for standard models.

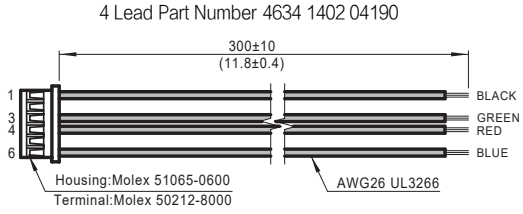
LE11 Series

■ LE11 Step Motor - 4 Lead Bi-Polar

Motor Type Code	Motor Body Length (mm)	Step Angle (°)	Electrical Connection	Rated Current (Amps)	Winding Resistanc(Ohms) ±10%@20°C	Winding Inductance(mH) Typ.
LE111S	32	1.8	Plug In Connector	0.5	10.9	9.7
				0.67	6.1	5.5
				1	2.7	2.5
LE113S	41		Plug In Connector	0.95	3.8	3.5
LE115S	52		Plug In Connector	1	3.7	3.1

Note: Recommended Driver, DC Input: SR2-Plus.

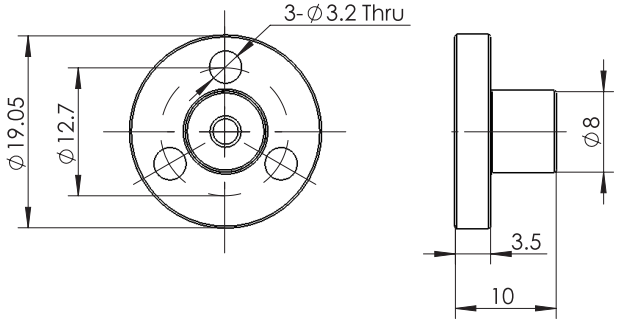
■ Mating Connector With Leads (order separately)



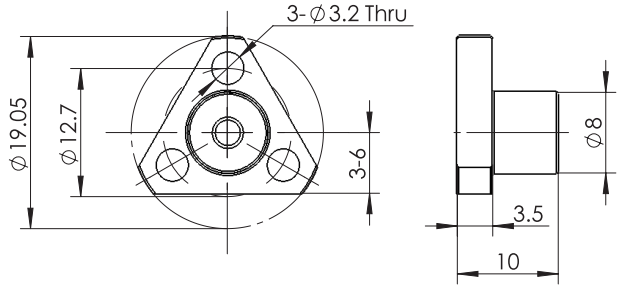
■ Nut Type

UNIT:mm

Round Standard Nut AR0

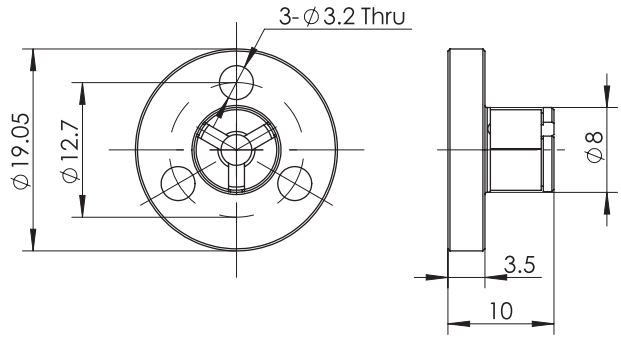


Triangular Standard Nut AT0

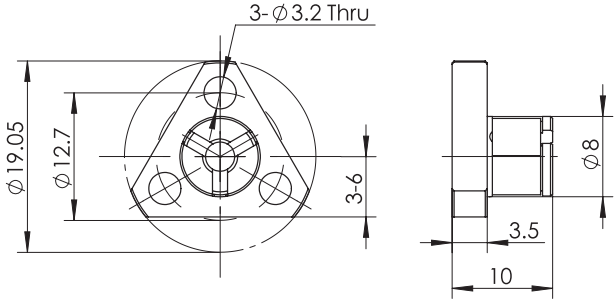


LE11 Series

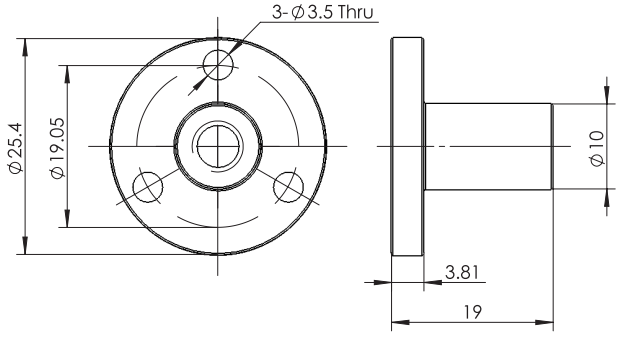
Round Anti-Backlash Nut BR0



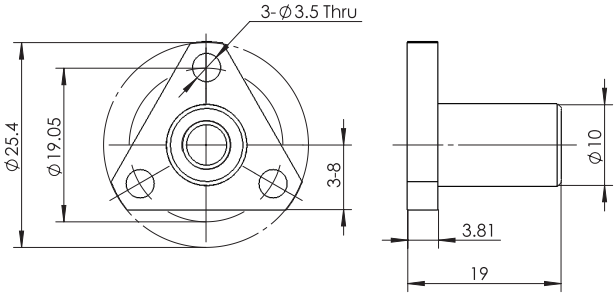
Triangular Anti-Backlash Nut BT0



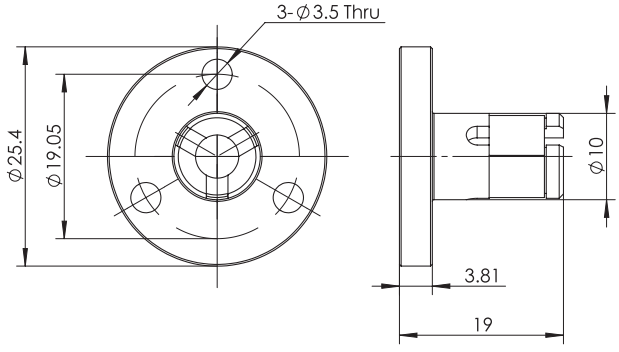
Round Standard Nut AR1



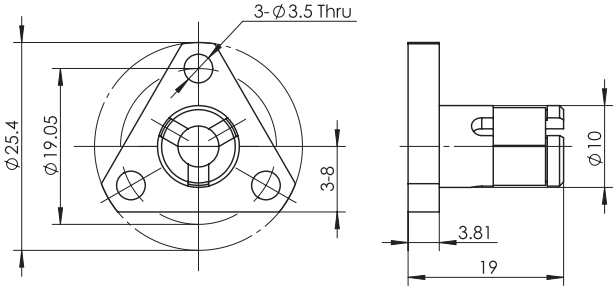
Triangular Standard Nut AT1



Round Anti-Backlash Nut BR1



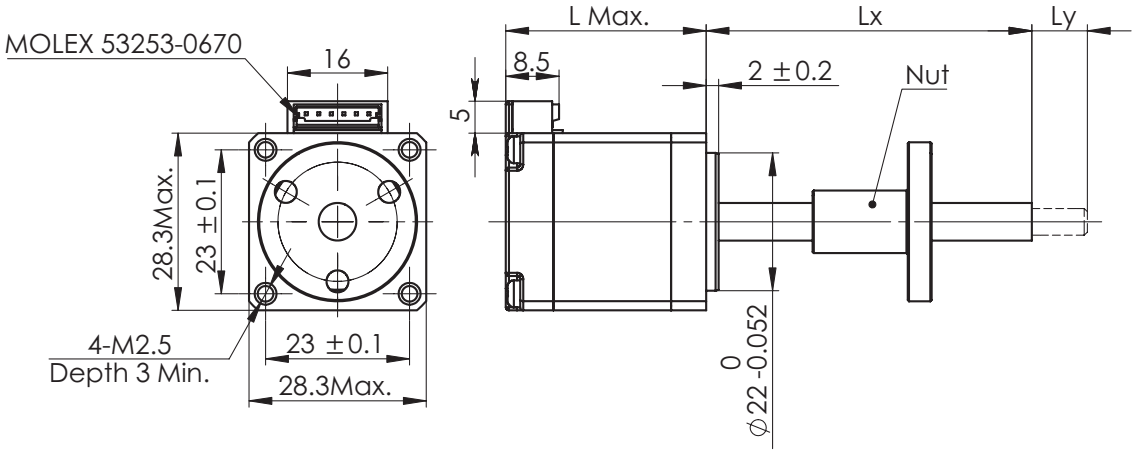
Triangular Anti-Backlash Nut BT1

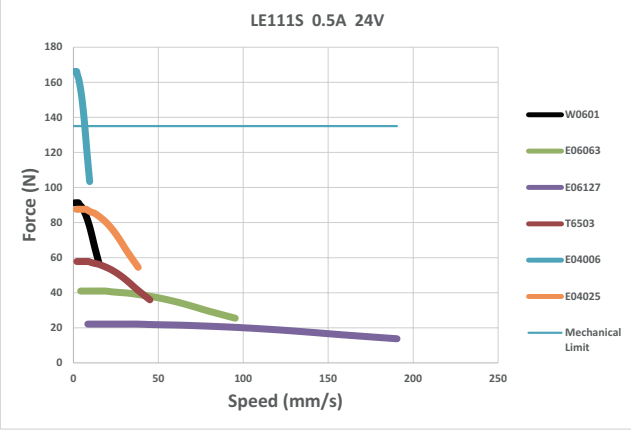
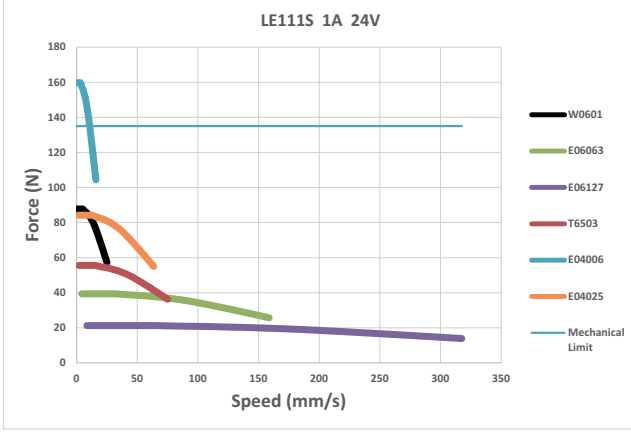


LE11 Series

Dimensional Information

UNIT:mm



Motor Type	Dimension"L"
LE111S	32
LE113S	41
LE115S	52

Speed - Force Reference Curve