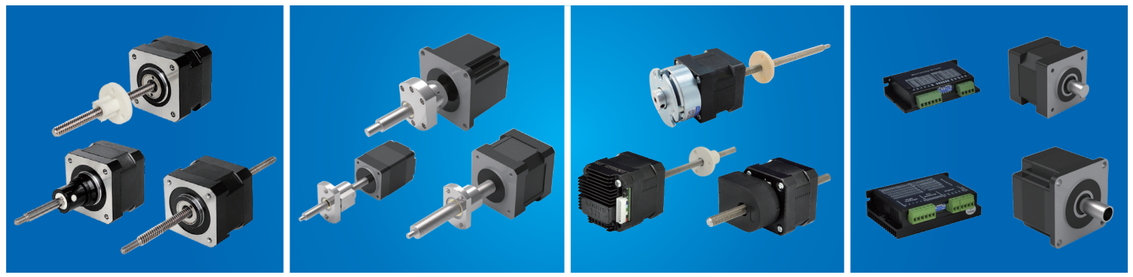
WHEELER™
Linear Motion



LINEAR MOTION CATALOG AND DESIGN GUIDE

WHEELER™
Linear Motion

Changzhou Wheeler Motor Co.,LTD

ADD: No.28, Jinghu Road, Xinqiao Industrial Park, Xinbei District, Changzhou, China 213032

Email:info@wheeler.com.cn

www.wheeler.com.cn

www.wheeler.com.cn

Company introduction

Changzhou Wheeler Linear Motors Co., Ltd is located in New District, Changzhou, Jiangsu, China. The company is devoting to custom linear motion solution, providing a broad range of sophisticated, cost-effective, application-specific motion control products including stepper motor-based linear actuator, stepper motor, lead screws, drive and spline shafts.

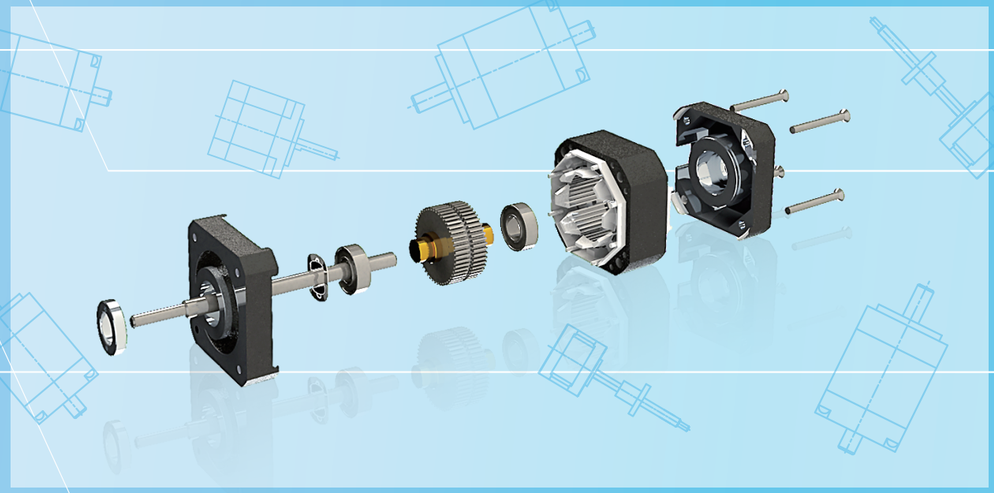
We believe that Wheeler towards global vision and constant innovation is to establish win-win relationship with society, environment, clients, shareholders and employees, meanwhile assume more social responsibility.

Wheeler brand stepper motor linear actuators are widely used in medical, analytical instruments, automation, new energy fields and so on. We not only provide standard product, but specialize in customized designs to solve complex engineering problems requiring precision linear motion.

We have put a great deal of time and effort into R&D, manufacturing, quality control, sales and customer service, which is a guarantee that we have effective commitment to end customers.

It's Wheeler that ensures your design as much more precise as possible.

Why choose Linear Stepper Motor?

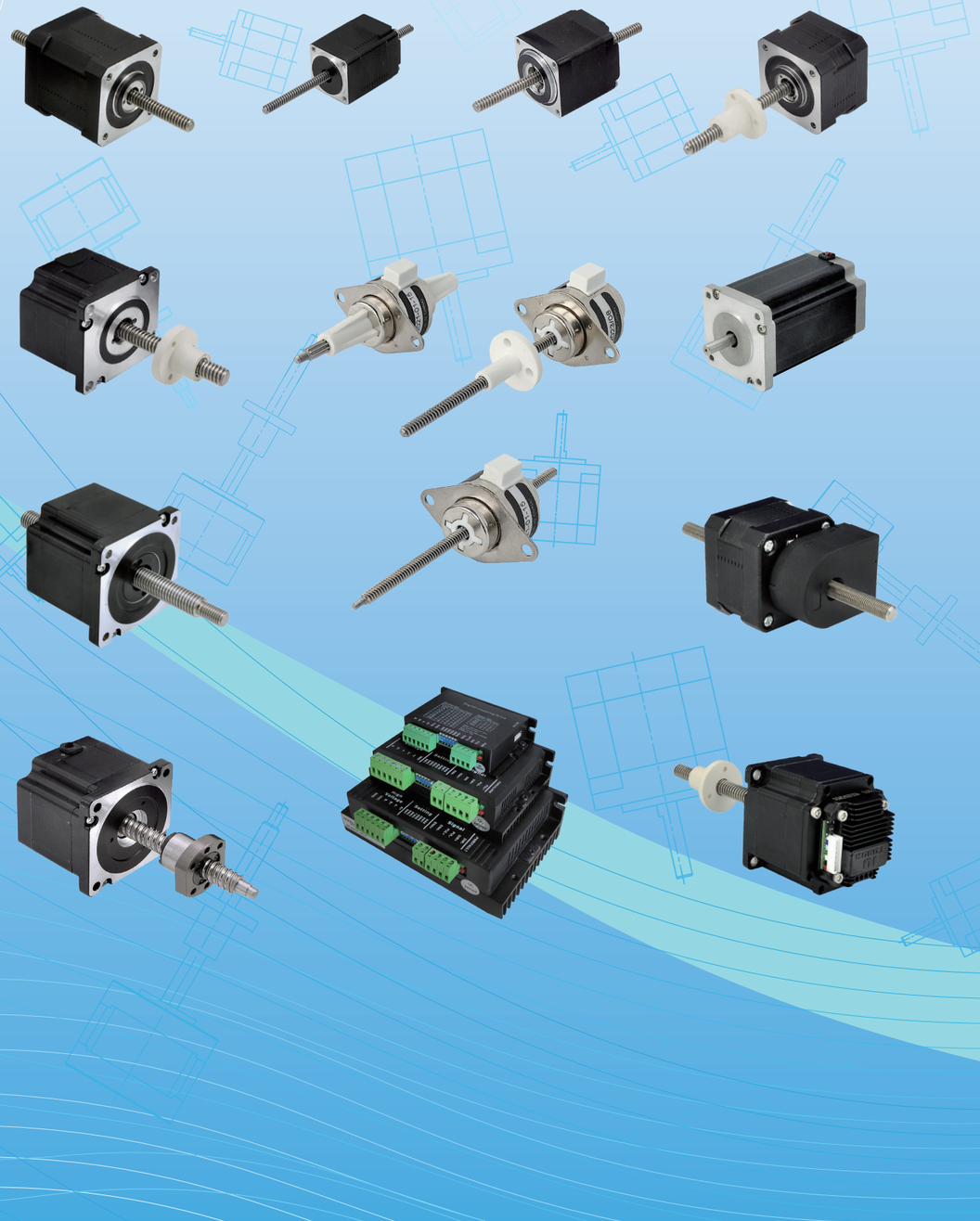


Linear Stepper motor

- Captive
- External
- Non-captive

Linear Stepper Motor Application

- Medical
- Instrument
- Communication
- Automation
- Robotics
- New energy
- 3D Printing



Identifying Part Numbers for Hybrid Linear Actuators

42 C A 4 A - 2.33 - 001 - 302 - E
1 2 3 4 5 6 7 8 9

1.Series Number

Code	21	28	35	42	57	34
Motor Series	21000	28000	35000	42000	57000	86000

2.Type
C=Captive linear Actuator
E=External Linear Actuator
N=Non-captive Linear Actuator
T=Special Linear Actuator

3.Step Angle
A=1.8 Degree
B=0.9 Degree
C=1.8 degree double stack actuator
D=0.9 degree double stack actuator

4.The Number Of Leads
4= bipolar（4 leads）
6= Unipolar（6 leads）

5.The travel per step
All the travel per step is available from detailed product

6.Voltage
05= Operating Voltage 5VDC
12= Operating Voltage 12VDC

7.Custom part numbers or serial numbers
001=Unique number for each customer, please contact Wheeler Sales Engineer for detailed serial number

8.Captive linear Actuator travel code（Externally driven and through shaft motors are blank）

Code	301	302	303	304	305	306	307	308
Stroke(mm)	9	12.7	19.05	25.4	31.8	38.1	50.8	63.5

9.Special remarks
A= Anti-backlash nut
B= Ball screw Actuator
C= Copper nut
E= Encoder
S= Special uses(brakes, custom nuts, special requirements, etc)

Example:

Wheeler Part Number 42CA4A-2.33-001-302-E
Description
42000 series linear stepper actuator
Captive linear actuator
1.8 degree single stack actuator
4 leads
'A' Lead : 1.5875mm (0.0625") lead
Operating Voltage 2.33VDC
Serial number 001
Captive linear actuator stroke 12.7mm (0.5")
Encoder

Wheeler Part Number 21EA4AC-2.5-001-A
Description
21000 series linear stepper actuator
External Linear actuator
1.8 degree single stack actuator
4 leads
'AC' Lead : 2mm (0.0787") lead
Operating Voltage 2.5VDC
Serial number 001
Anti-backlash nut

Diameter and Pitch List

Step Code	Step	Lead	21000 Series	28000 Series	35000 Series		42000 Series			57000 Series	86000 Series
	mm	mm	φ3.5	φ4.76	φ5.54	φ6.35	φ5.54	φ6.35	φ8	φ9.53	φ15.88
U	0.001524	0.3048	●								
N	0.003048	0.6096	●		●		●				
7	0.003175	0.635		●						●	
P	0.00396875	0.79375				●		●			
AB	0.005	1	●			●		●			
K	0.006096	1.2192	●		●		●				
9	0.00635	1.27		●						●	
A	0.0079375	1.5875				●		●		●	
AC	0.01	2	●						●		
S	0.010584	2.1168								●	
J	0.012192	2.4384	●		●		●				
3	0.0127	2.54		●		●		●		●	●
B	0.015875	3.175				●		●			
AD	0.02	4	●						●		
T	0.021166	4.2332								●	
Q	0.024384	4.8768			●		●				
1	0.0254	5.08		●						●	
C	0.03175	6.35				●		●		●	●
AE	0.04	8	●						●		
R	0.048768	9.7536			●		●				
MJ	0.047625	9.525								●	
AG	0.05	10									
2	0.0508	10.16		●						●	
Y	0.0635	12.7				●		●		●	●
MD	0.075	15							●		
Z	0.127	25.4				●		●		●	●

Note:Various screw strokes are available to accommodate any customer requirement

WHEELER™ Linear Motion
www.wheeler.com.cn TEL:86-83252878 EMAIL: info@wheeler.com.cn FAX:86-83252220

21000 SERIES SIZE 8 LINEAR STEPPER ACTUATOR

Size8:21mm Hybrid Linear Stepper Motor(1.8°Step Angle)										
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
21CA4(X)-V	21NA4(X)-V	21EA4(X)-V	Bipolar	2.5V	0.49A	5.1Ω	1.5mH	2.45W	75°C	43g	20MΩ
				5V	0.24A	20.4Ω	5mH				
				7.5V	0.16A	45.9Ω	11.7mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
U	9/64	0.00006	0.012
N	9/64	0.00012	0.024
K	9/64	0.00024	0.048
J	9/64	0.00048	0.096

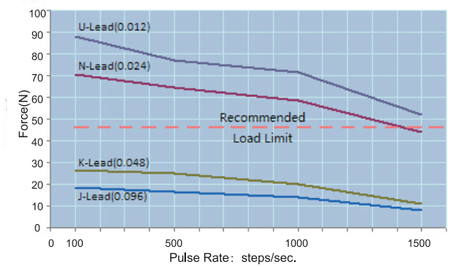
(Units:Inches)

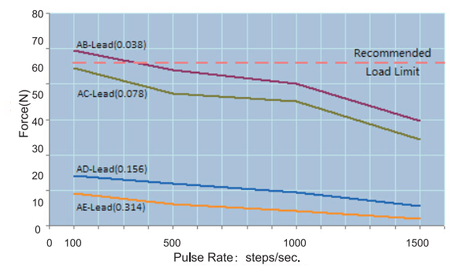
Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
AB	9/64	0.00019	0.038
AC	9/64	0.00039	0.078
AD	9/64	0.00078	0.156
AE	9/64	0.00157	0.314

(Units:Inches)

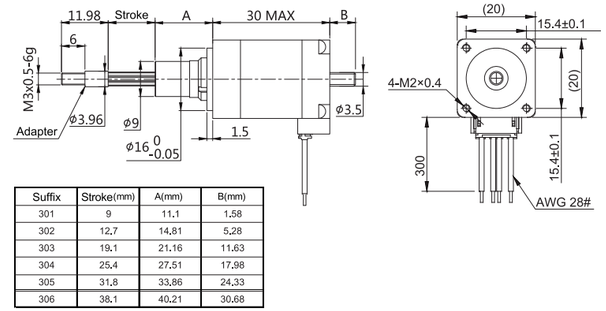
Force vs.Pulse Rate

Chopper drive : motor 2.5V and power supply 24V



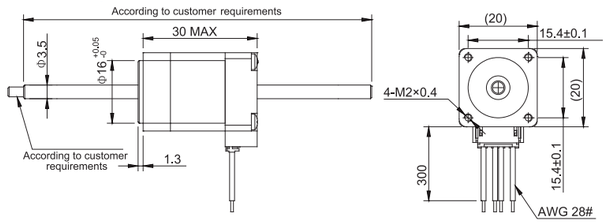


Captive

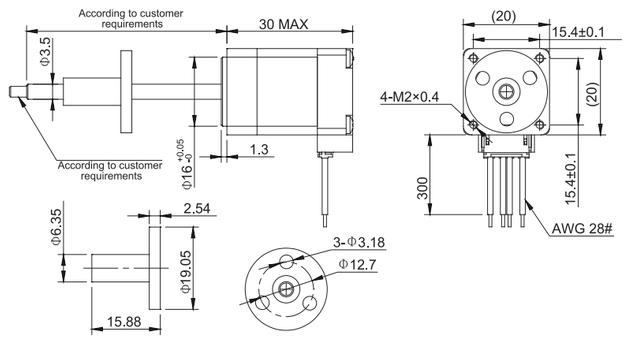


Suffix	Stroke(mm)	A(mm)	B(mm)
301	9	11.1	1.58
302	12.7	14.81	5.28
303	19.1	21.16	11.63
304	25.4	27.51	17.98
305	31.8	33.86	24.33
306	38.1	40.21	30.68

Non-Captive



External Linear



21000 SERIES SIZE 8 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR

Size8:21mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
21CC4(X)-V	21NC4(X)-V	21EC4(X)-V	Bipolar	2.5V	1.32A	1.9Ω	1.91mH	6.5W	75°C	78g	20MΩ
				5V	0.65A	7.7Ω	7.02mH				
				7.5V	0.43A	17.3Ω	15.95mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
U	9/64	0.00006	0.012
N	9/64	0.00012	0.024
K	9/64	0.00024	0.048
J	9/64	0.00048	0.096

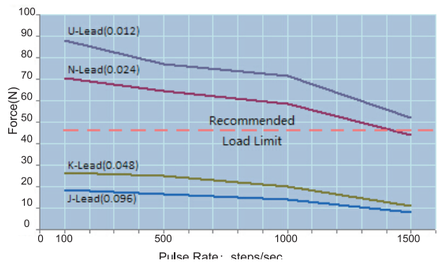
(Units:Inches)

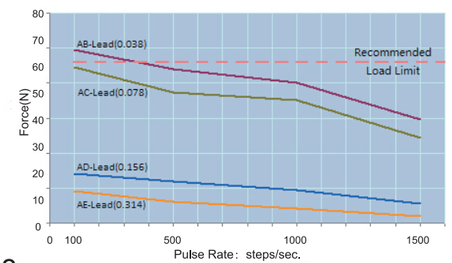
Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
AB	9/64	0.00019	0.038
AC	9/64	0.00039	0.078
AD	9/64	0.00078	0.156
AE	9/64	0.00157	0.314

(Units:Inches)

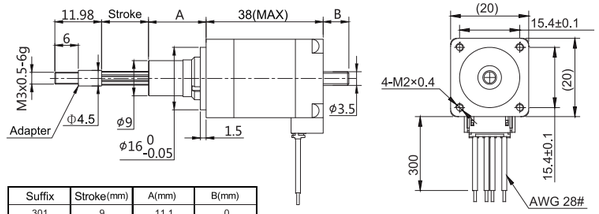
Force vs.Pulse Rate

Chopper drive : motor 2.5V and power supply 24V



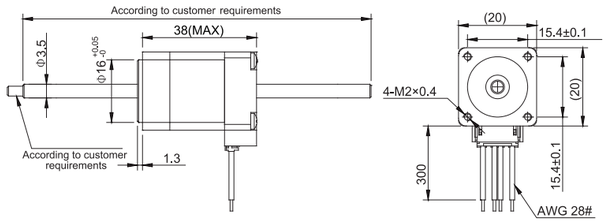


Captive

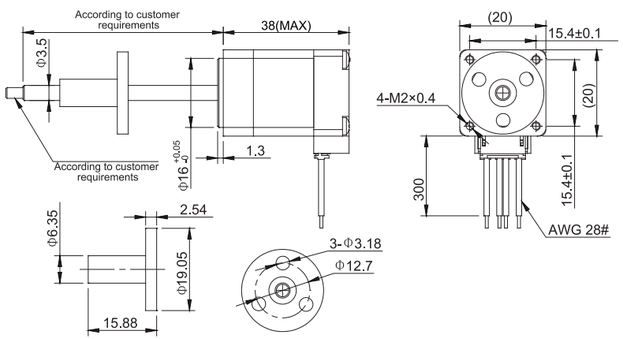


Suffix	Stroke(mm)	A(mm)	B(mm)
301	9	11.1	0
302	12.7	14.81	0.28
303	19.1	21.16	6.63
304	25.4	27.51	12.98
305	31.8	33.86	19.33
306	38.1	40.21	25.68

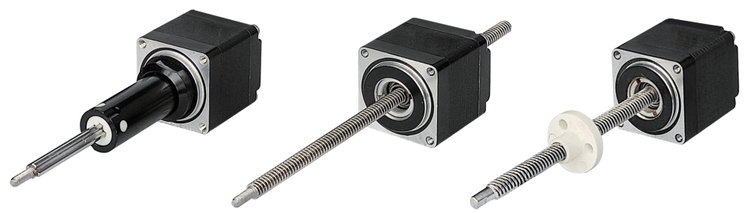
Non-Captive



External Linear



28000 SERIES SIZE 11 LINEAR STEPPER ACTUATOR



Size11:28mm Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
28CA4(X)-V	28NA4(X)-V	28EA4(X)-V	Bipolar	2.1V	1A	2.1Ω	1.5mH	4.2W	75°C	119g	20MΩ
				5V	0.42A	11.9Ω	6.7mH				
				12V	0.18A	68.6Ω	39mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
7	3/16	0.000125	0.026
9	3/16	0.0025	0.5

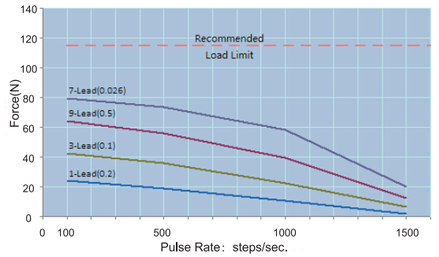
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
3	3/16	0.0005	0.1
1	3/16	0.001	0.2

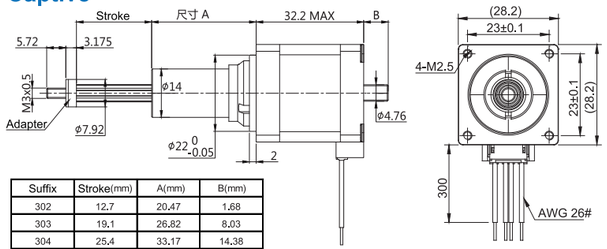
(Units:Inches)

Force vs.Pulse Rate

Chopper drive : motor 2.1V and power supply 24V

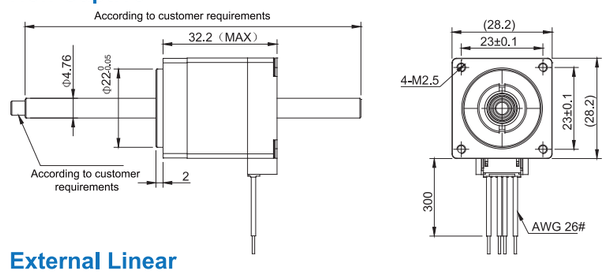


Captive

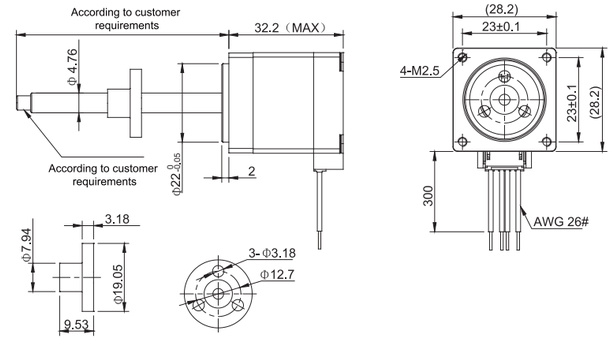


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	20.47	1.68
303	19.1	26.82	8.03
304	25.4	33.17	14.38
305	31.8	39.52	20.73
306	38.1	45.87	27.08
307	50.8	58.57	39.78
308	63.5	71.27	52.48

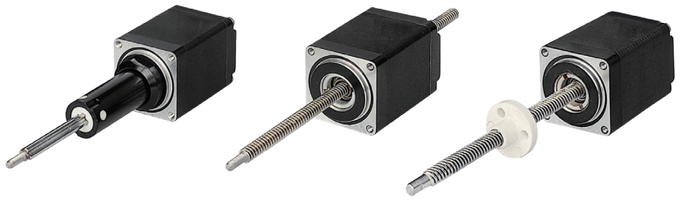
Non-Captive



External Linear



28000 SERIES SIZE 11 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR



Size11:28mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
28CC4(X)-V	28NC4(X)-V	28EC4(X)-V	Bipolar	2.1V	1.9A	1.1Ω	1.1mH	7.5W	75°C	180g	20MΩ
				5V	0.75A	6.7Ω	5.8mH				
				12V	0.35A	34.8Ω	35.6mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
7	3/16	0.00013	0.026
9	3/16	0.0025	0.5

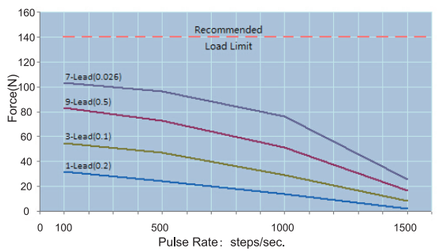
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
3	3/16	0.0005	0.1
1	3/16	0.001	0.2

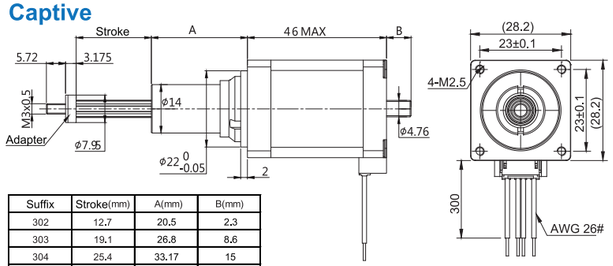
(Units:Inches)

Force vs.Pulse Rate

Chopper drive： motor 2.1V and power supply 24V

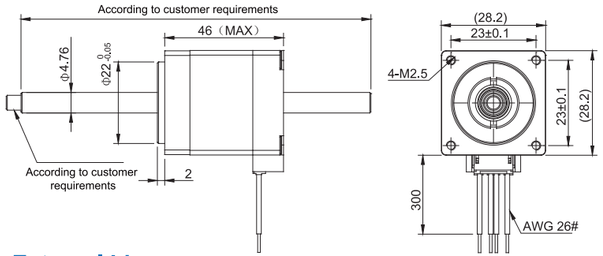


Captive

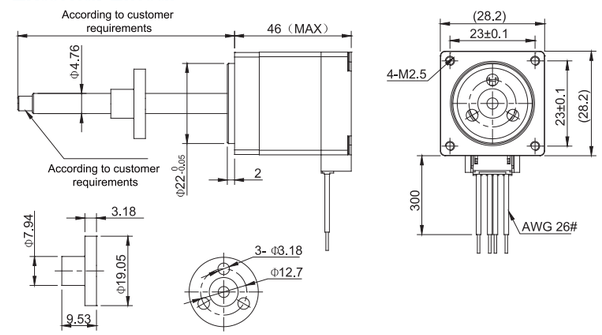


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	20.5	2.3
303	19.1	26.8	8.6
304	25.4	33.17	15
305	31.8	39.5	21.4
306	38.1	72.7	27.7
307	50.8	85.4	40.4
308	63.5	98.1	53.1

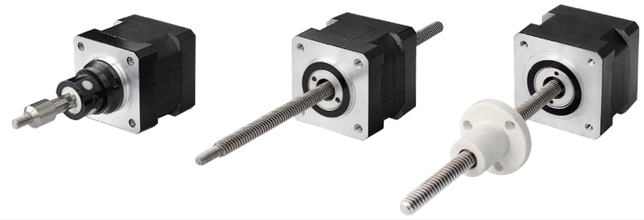
Non-Captive



External Linear



35000 SERIES SIZE 14 LINEAR STEPPER ACTUATOR



Size11:28mm Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
35CA4(X)-V	35NA4(X)-V	35EA4(X)-V	Bipolar	2.33V	1.25A	1.86Ω	2.8mH	5.7W	75°C	162g	20MΩ
				5V	0.57A	8.8Ω	13mH				
				12V	0.24A	50.5Ω	60mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
N	7/32	0.00012	0.024
J	7/32	0.00048	0.096
Q	7/32	0.00096	0.192
R	7/32	0.00192	0.384

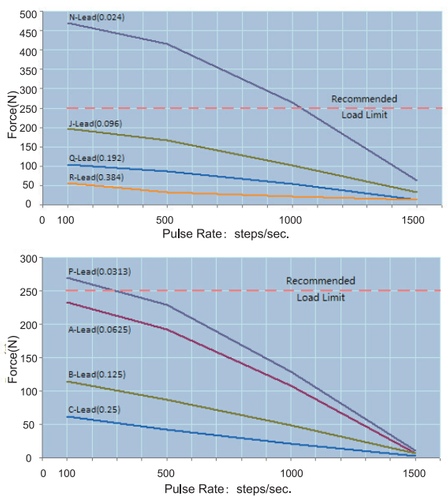
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
P	1/4	0.00015625	0.03125
A	1/4	0.0003125	0.0625
B	1/4	0.000625	0.125
C	1/4	0.00125	0.25

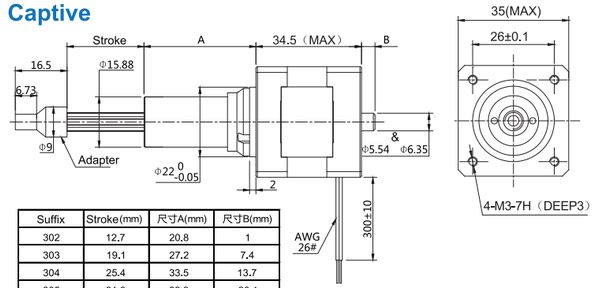
(Units:Inches)

Force vs.Pulse Rate

Chopper drive： motor 2.33V and power supply 24V

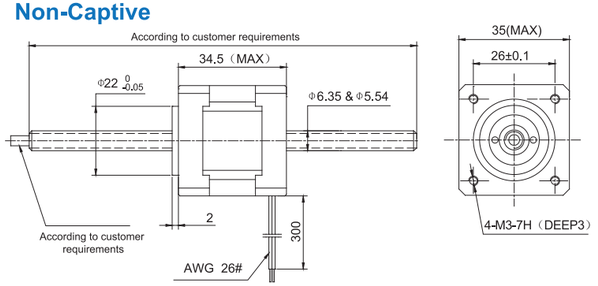


Captive

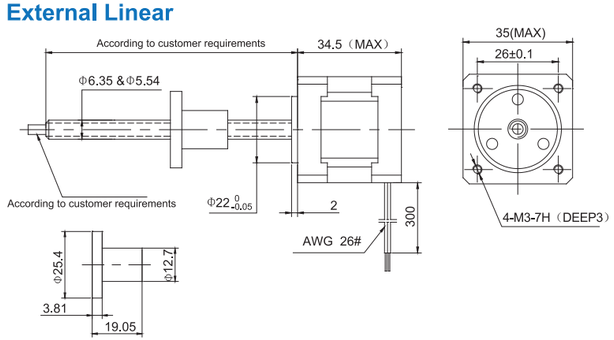


Suffix	Stroke(mm)	尺寸A(mm)	尺寸B(mm)
302	12.7	20.8	1
303	19.1	27.2	7.4
304	25.4	33.5	13.7
305	31.8	39.9	20.1
306	38.1	46.2	26.4
307	50.8	58.9	39.1
308	63.5	71.6	51.8

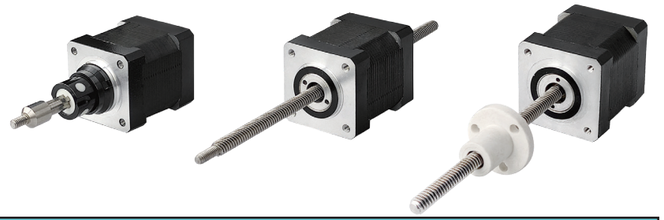
Non-Captive



External Linear



35000 SERIES SIZE 14 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR



Size11:28mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
35CC4(X)-V	35NC4(X)-V	35EC4(X)-V	Bipolar	2.33V	2A	1.2Ω	1.95mH	9.1W	75°C	240g	20MΩ
				5V	0.91A	5.5Ω	7.63mH				
				12V	0.38A	31.6Ω	65.1mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
N	7/32	0.00012	0.024
J	7/32	0.00048	0.096
Q	7/32	0.00096	0.192
R	7/32	0.00192	0.384

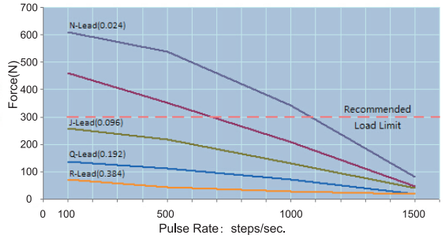
(Units:Inches)

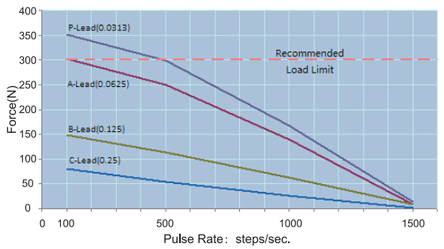
Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
P	1/4	0.00015625	0.03125
A	1/4	0.0003125	0.0625
B	1/4	0.000625	0.125
C	1/4	0.00125	0.25

(Units:Inches)

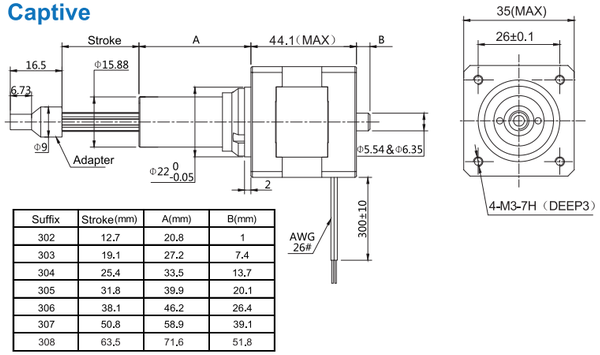
Force vs.Pulse Rate

Chopper drive : motor 2.33V and power supply 24V



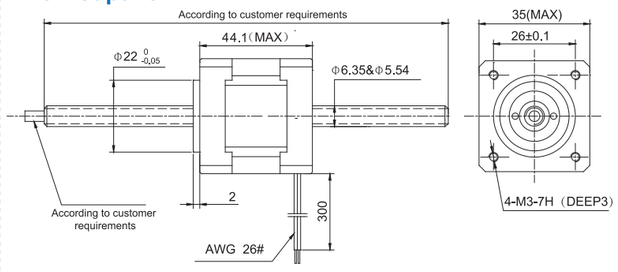


Captive

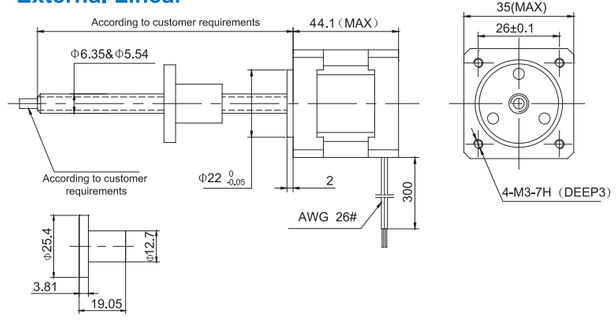


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	20.8	1
303	19.1	27.2	7.4
304	25.4	33.5	13.7
305	31.8	39.9	20.1
306	38.1	46.2	26.4
307	50.8	58.9	39.1
308	63.5	71.6	51.8

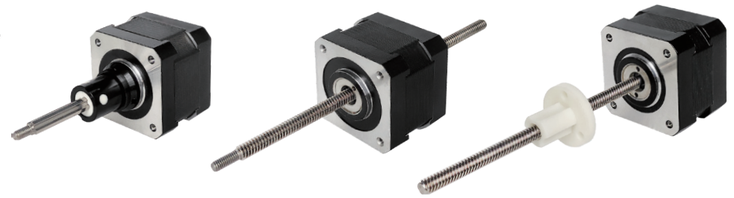
Non-Captive



External Linear



42000 SERIES SIZE 17 LINEAR STEPPER ACTUATOR



Size17:42mm Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
42CA4(X)-V	42NA4(X)-V	42EA4(X)-V	Bipolar	2.33V	1.5A	1.56Ω	1.9mH	7W	75°C	241g	20MΩ
				5V	0.7A	7.2Ω	10.6mH				
				12V	0.29A	41.5Ω	73.3mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
N	7/32	0.00012	0.024
J	7/32	0.00048	0.096
Q	7/32	0.00096	0.192
R	7/32	0.00192	0.384

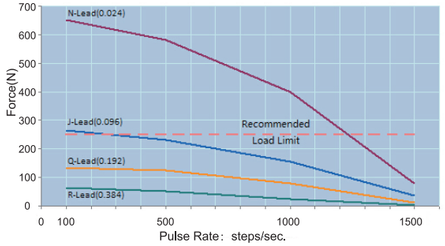
(Units:Inches)

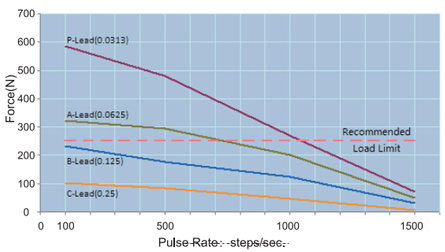
Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
P	1/4	0.00015625	0.03125
A	1/4	0.0003125	0.0625
B	1/4	0.000625	0.125
C	1/4	0.00125	0.25

(Units:Inches)

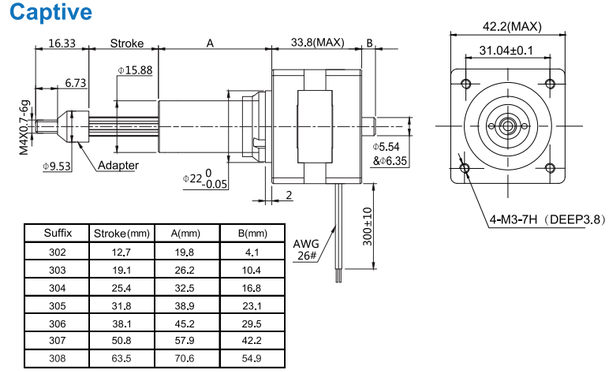
Force vs.Pulse Rate

Chopper drive : motor 2.33V and power supply 24V



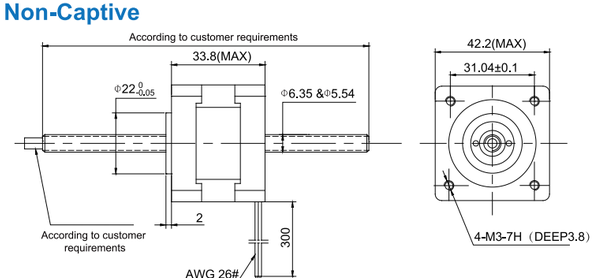


Captive

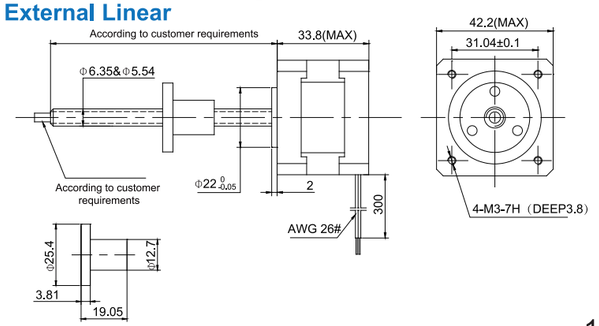


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	19.8	4.1
303	19.1	26.2	10.4
304	25.4	32.5	16.8
305	31.8	38.9	23.1
306	38.1	45.2	29.5
307	50.8	57.9	42.2
308	63.5	70.6	54.9

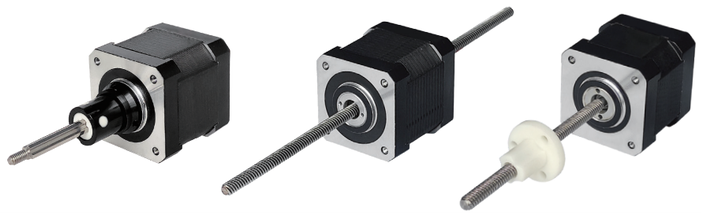
Non-Captive



External Linear



42000 SERIES SIZE 17 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR



Size11:28mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
42CC4(X)-V	42NC4(X)-V	42EC4(X)-V	Bipolar	2.33V	2.6A	0.9Ω	1.9mH	14W	75°C	352g	20MΩ
				5V	1.3A	3.8Ω	10.6mH				
				12V	0.55A	21.9Ω	73.3mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
N	7/32	0.00012	0.024
J	7/32	0.00048	0.096
Q	7/32	0.00096	0.192
R	7/32	0.00192	0.384

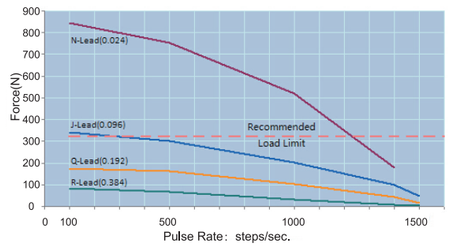
(Units:Inches)

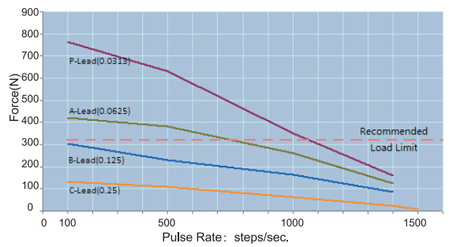
Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
P	1/4	0.00015625	0.03125
A	1/4	0.0003125	0.0625
B	1/4	0.000625	0.125
C	1/4	0.00125	0.25

(Units:Inches)

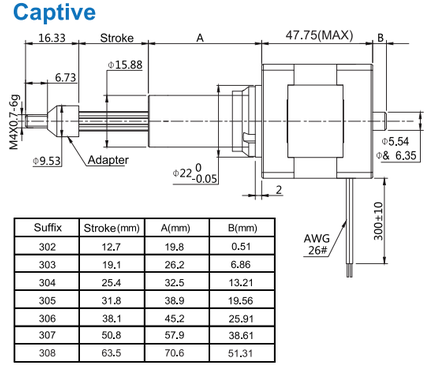
Force vs.Pulse Rate

Chopper drive： motor 2.33V and power supply 24V



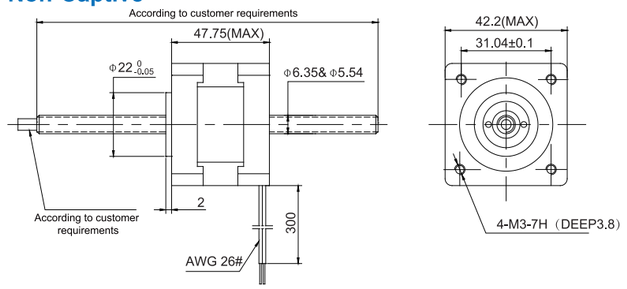


Captive

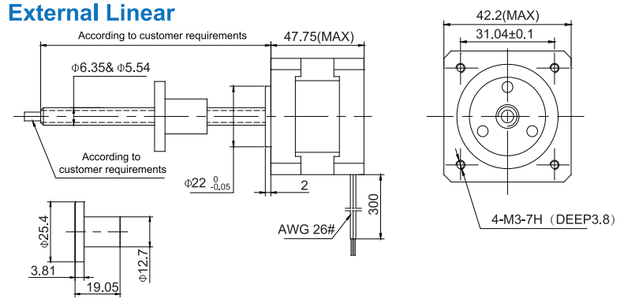


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	19.8	0.51
303	19.1	26.2	6.86
304	25.4	32.5	13.21
305	31.8	38.9	19.56
306	38.1	45.2	25.91
307	50.8	57.9	38.61
308	63.5	70.6	51.31

Non-Captive



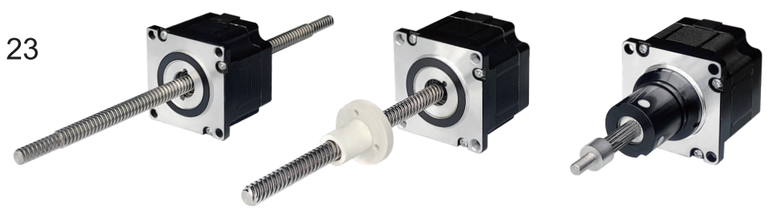
External Linear



WHEELER™ Linear Motion
www.wheeler.com.cn TEL:86-83252878 EMAIL: info@wheeler.com.cn FAX:86-83252220

Hybrid Linear Stepper Motor

57000 SERIES SIZE 23 LINEAR STEPPER ACTUATOR



Size11:28mm Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
57CA4(X)-V	57NA4(X)-V	57EA4(X)-V	Bipolar	3.25V	2A	1.63Ω	3.5mH	13W	75°C	511g	20MΩ
				5V	1.3A	3.85Ω	10.5mH				
				12V	0.54A	22.2Ω	47mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
A	3/8	0.0003125	0.0625
T	3/8	0.0008333	0.16666
S	3/8	0.0004167	0.08334

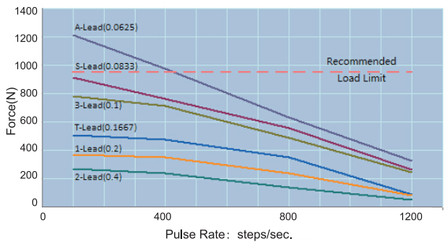
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
3	3/8	0.0005	0.1
1	3/8	0.001	0.2
2	3/8	0.002	0.4

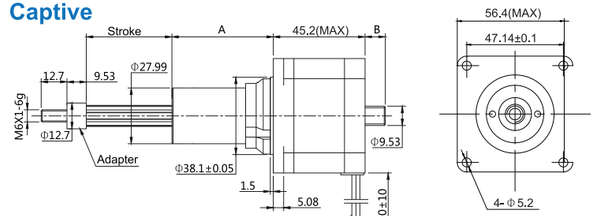
(Units:Inches)

Force vs.Pulse Rate

Chopper drive： motor 3.25V and power supply 24V

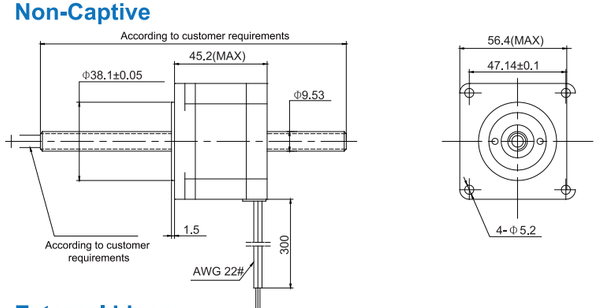


Captive

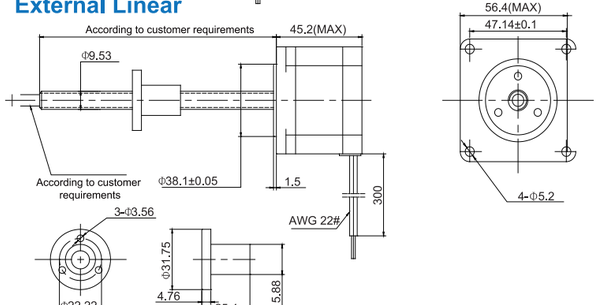


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	25.7	1.5
303	19.05	32	7.9
304	25.4	38.4	14.2
305	31.75	44.7	20.6
306	38.1	51.1	26.9
307	50.8	63.8	39.6

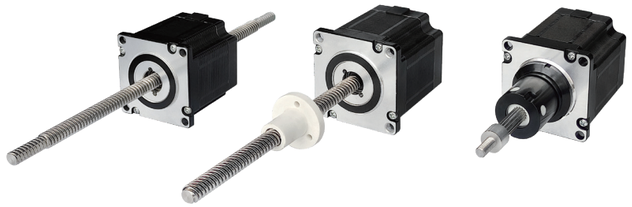
Non-Captive



External Linear



57000 SERIES SIZE 23 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR



Size23:57mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)											
Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
57CC4(X)-V	57NC4(X)-V	57EC4(X)-V	Bipolar	3.25V	3.32A	0.98Ω	3.2mH	25W	75°C	958g	20MΩ
				5V	2.16A	2.31Ω	6.9mH				
				12V	0.9A	13.33Ω	35mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
A	3/8	0.0003125	0.0625
T	3/8	0.0008333	0.16666
S	3/8	0.0004167	0.08334

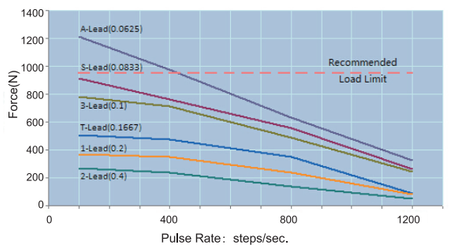
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
3	3/8	0.0005	0.1
1	3/8	0.001	0.2
2	3/8	0.002	0.4

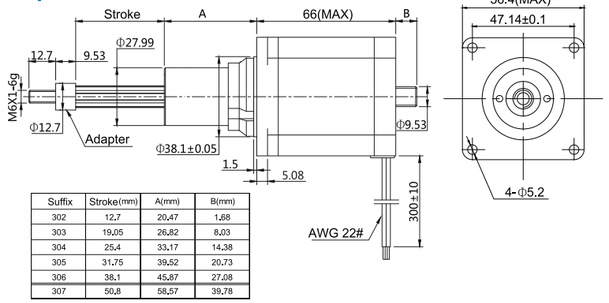
(Units:Inches)

Force vs.Pulse Rate

Chopper drive： motor 3.25V and power supply 24V

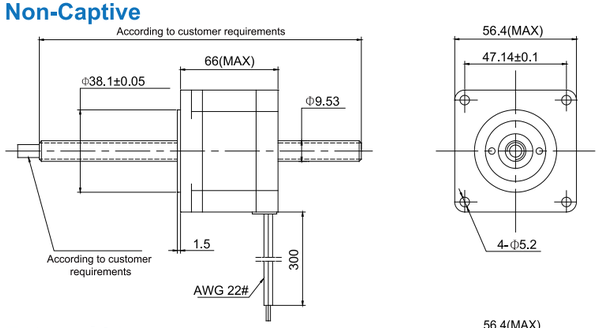


Captive

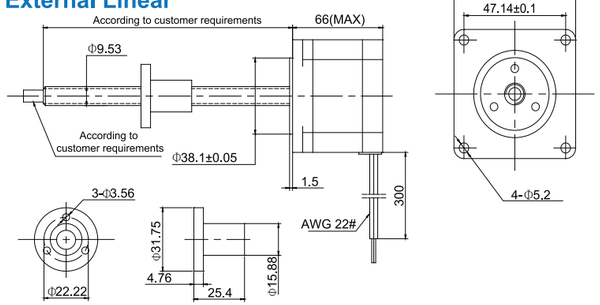


Suffix	Stroke(mm)	A(mm)	B(mm)
302	12.7	20.47	1.68
303	19.05	26.82	8.03
304	25.4	33.17	14.38
305	31.75	39.52	20.73
306	38.1	45.87	27.08
307	50.8	58.57	39.78

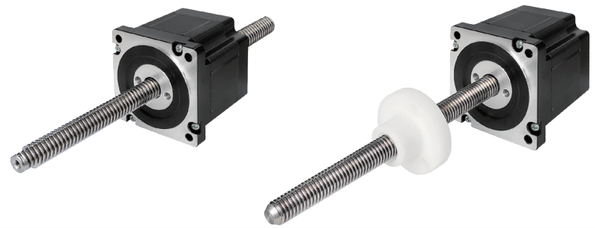
Non-Captive



External Linear



86000 SERIES SIZE 34 LINEAR STEPPER ACTUATOR



Size11:28mm Hybrid Linear Stepper Motor(1.8°Step Angle)										
Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
86NA4(X)-V	86EA4(X)-V	Bipolar	2.85V	5.47A	0.52Ω	2.86mH	31.2W	75°C	2.3kg	20MΩ
			5V	3.12A	1.6Ω	8.8mH				
			12V	1.3A	9.23Ω	51mH				

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
3	5/8	0.0005	0.1
B	5/8	0.000625	0.125

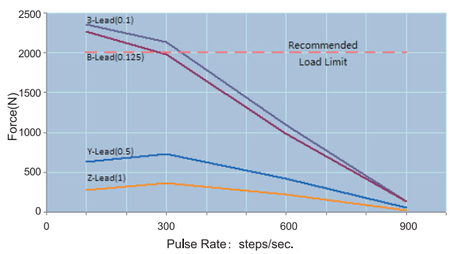
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
Y	5/8	0.0025	0.5
Z	5/8	0.005	1

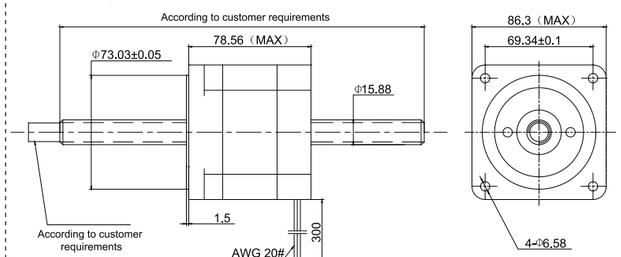
(Units:Inches)

Force vs.Pulse Rate

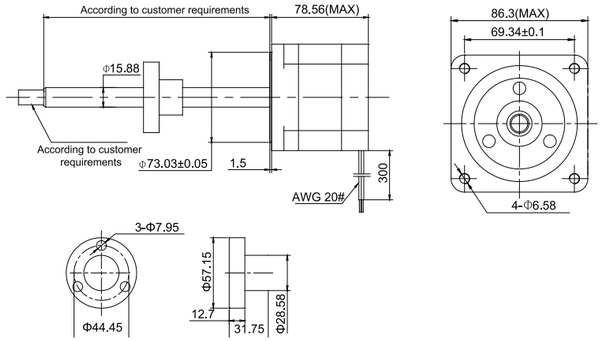
Chopper drive： motor 5V and power supply 24V



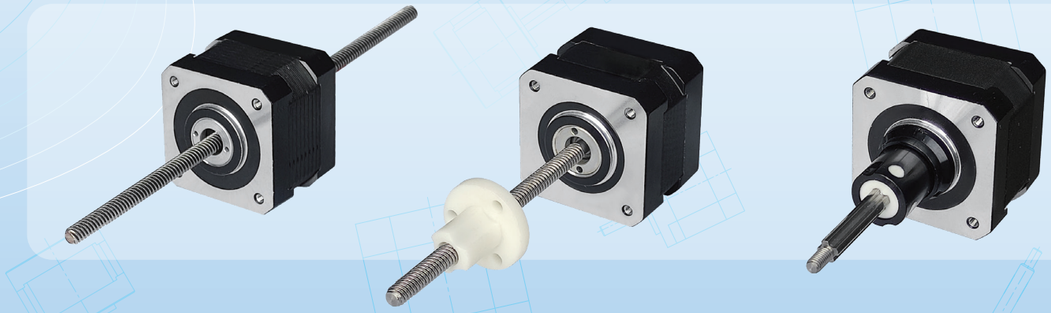
Non-Captive



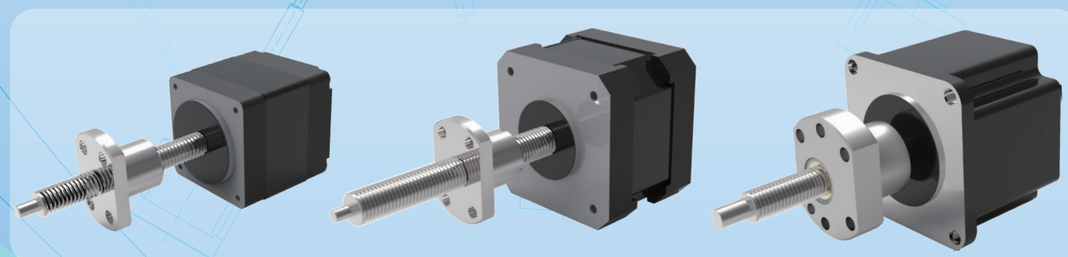
External Linear



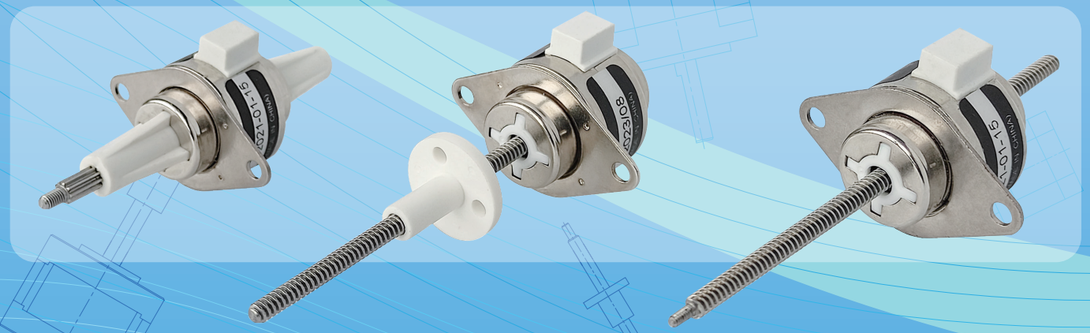
Linear stepper actuator



Ballscrew stepper actuator



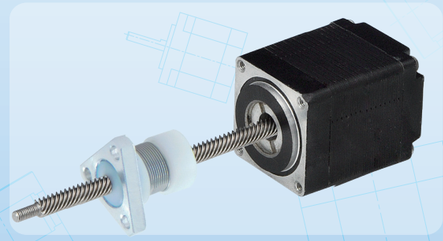
Can-stack stepper actuator

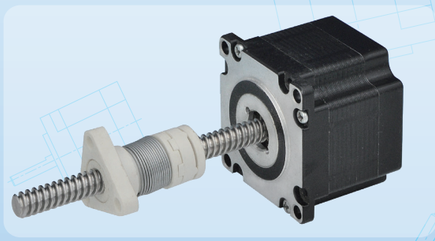


WHEELER™ Linear Motion
www.wheeler.com.cn TEL:86-83252878 EMAIL: info@wheeler.com.cn FAX:86-83252220

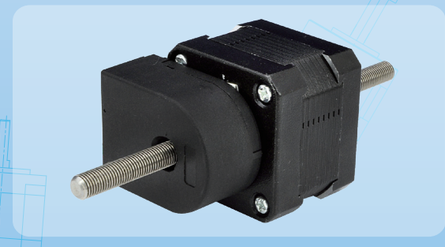
Customization

Linear stepper actuator & Anti-Backlash Nut

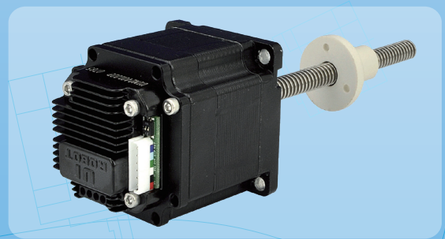




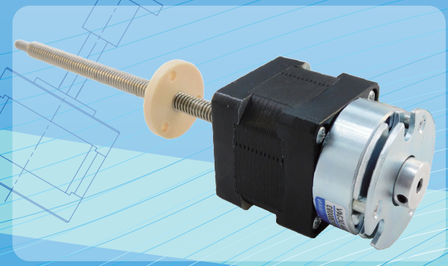
Linear stepper actuator & Encoder

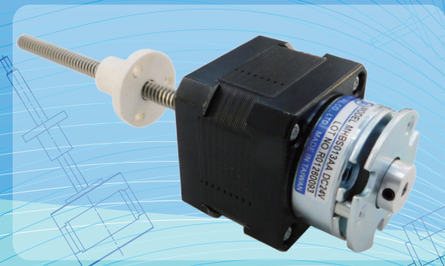


Linear stepper actuator & Drive



Linear stepper actuator & Brake





WHEELER™ Linear Motion

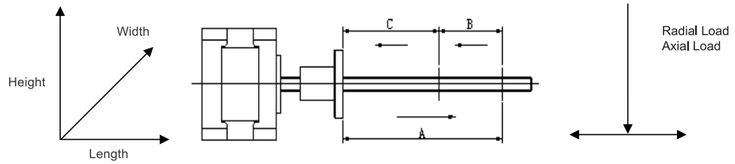
Linear Motor Application Sheet

Application Name					
Name					
Company					
Address					
City		State		Country	
Phone		Post Code			
Email					

Motor Style		
External Linear	Non-Captive	Customization
☐	☐	☐
		

Application Requirements

English Units ☐ Metric Units ☐



	Axial Load (Along Screw Axis)	Distance	Resolution	Movement Speed
Move A				
Move B				
Move C				

Market Requirements

Annual Volume _____ Target Cost _____ Time Frame _____ # Per System

Dimensional Constraints

Height _____ Width _____ Length _____ Other _____

Environmental Requirements

Low ☐ Normal ☐ High ☐ Other _____

Electrical Requirements

Unipolar ☐ Chopper ☐ Rated Voltage 12V ☐
Bipolar ☐ L/R ☐ 24V ☐

Other Requirements

Life _____ Connector _____ Encoder _____

Application Description

Required for motor driven load _____ N
Linear displacement speed per secend motor _____ mm/s
Linear motor displacement precision _____ mm
Linear displacement stroke motor _____ mm

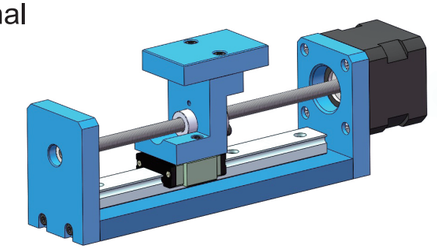
Contact Us

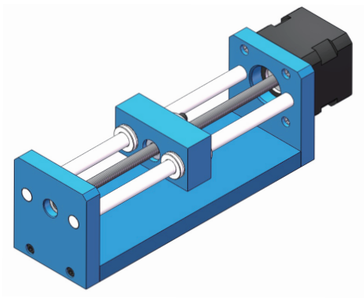
Web: www.wheeler.com.cn Tel: 86-519—83252878 Email: info@wheeler.com.cn Fax: 86-519—83252220

WHEELER™ Linear Motion
www.wheeler.com.cn TEL:86-83252878 EMAIL: info@wheeler.com.cn FAX:86-83252220

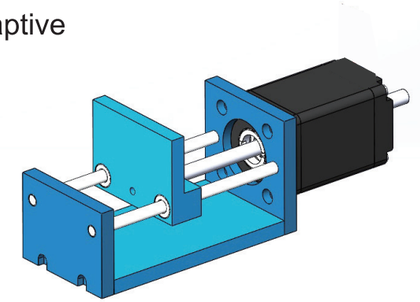
Typical Application

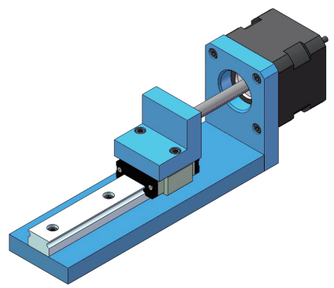
External



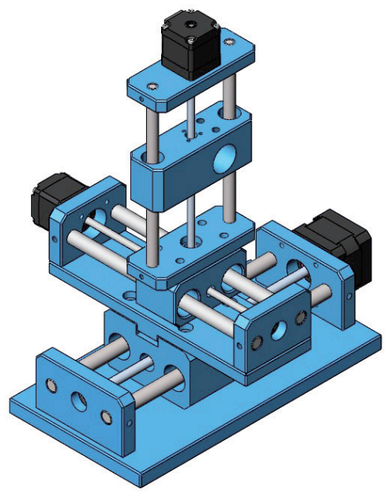


Non-captive

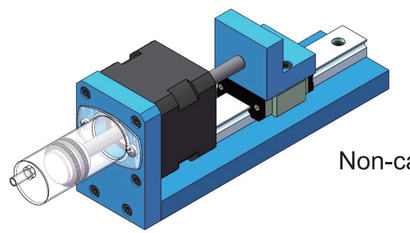




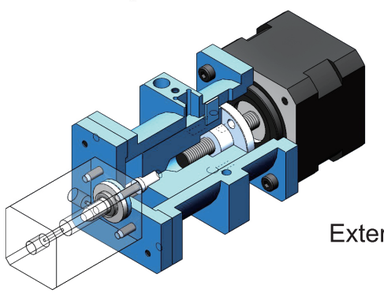
Triaxial



Injection Pump



Non-captive



External

www.wheeler.com.cn TEL:86-83252878 EMAIL: info@wheeler.com.cn FAX:86-83252220