MS SERIES Lead Screw Linear Slides



Linear Slides

The MS Series Linear Slides are designed to fit the needs of customers who require a compact structure. They offer many advantages such as ease of integration, small size, quiet operation, stable product quality, and low cost, providing high performance in an easy to integrate linear slide.

- Three motor frame size options: NEMA 11, 14, 17
- Each size of Linear Slides has a variety of lead options.
- Each size of Linear Slides has encoder and brake options.







Application Information

Operating Frequency

The transmission type of the linear slides is sliding friction, so using in low operating frequency application is recommended. (Reference standard: 10 s/cycle, 8 h/day)

Instructions for Vertical Installation

When the slides are installed vertically, the slider may slip freely and cause injury to equipment or personnel with power failure. Therefore, self-locking force should be fully considered when the slides are used vertically. If the self-locking force cannot overcome the free slip of the load, consideration should be given to adding brakes. For the lead screws:

With a lead-to-diameter ratio of less than 1:3, the slides are generally fully self-locking.

With a lead-to-diameter ratio of greater than 1:3, the module has a certain self-locking force.

If you want to calculate the self-locking force, please contact the factory.

Applicability Statement

The structure of this series is simple, and the transmission type of the products is sliding friction. Compared with ball screw type,its' precision performance and impact resistance are not good enough.

The maximum load is shown here:

Due to the sliding friction between the nut and the lead screw, dust and debris will be generated to a certain extent during the normal operation of the slides. If you need to use it in a dust-free environment, please contact the factory



Repeatability

The slides have 2 nut options: standard nut or anti-backlash nut. Using the standard nut, the repeatability of the slides is ± 0.05 mm. Using the anti-backlash nut, the repeatability of the slides is ± 0.02 mm. For higher precision products, please contact the factory.

Lubrication

The effect of lubricating: restrain friction, reduce temperature rise, improve efficiency, reduce noise, increase operating life, etc.

Grease has been applied to the lead screw before deliver. If grease is not needed, please contact the factory in advance.

(The reference grease: the base oil is synthetic oil, and the consistency grade is No. 2 lithium-based grease)

Operating Environment

Recommend working condition: temperature range 0~40 °C , Humidity 85% RH below (no condensation). Acid-base free environment. If you need to use in special environment, please contact the factory.

Application Information

Installation reference surface requirements

The installation reference surface must be ground or fine milling processing, in order to achieve the flatness of 0.05 mm/m and surface roughness within Ra1.6, otherwise it may appear that the operation is not smooth, noise, jitter and other conditions.

Smoothness Checking

The slides shall be checked for smoothness after installation. Use a screwdriver or a torsion meter to test the rotational torque through a slot before running on power. The torque values of the lead screw are close to each other within the range of travel is perfect. Grease has been applied to the lead screw before deliver. After running for a period of time, grease should be replenished regularly according to the specific situation.

Electricity debugging

Use a screwdriver or a torsion meter to test the rotational torque through a slot before running on power.

Please check the drive current carefully before running on power. Recommending drive current setting equal to or slightly less than rated current. Driving current is too high may burn out the motor, driving current is too low may make torque is insufficient or lead to step loss or blocking.

Please pay attention to the reasonable setting of acceleration and deceleration (less than 0.3g is recommended). Exceptional acceleration and deceleration may likely to cause blocking and step loss. It is prohibited to start device without setting acceleration and deceleration.

In the process of module installation, debugging and use, try to avoid the impact of the sliding seat on the end blocks at both ends. Otherwise, the end blocks may become loose, the lead screws bend, and the concentricity is inconsistent. Otherwise it may cause rough operation, abnormal sound, thrust reduced, accuracy reduced, vibration, etc.

Storage and Safekeeping

Please storage the slides horizontally and keep the environment dry. The grease on the lead screw surface may volatilize and condense if storage for a long time, so it is recommended that the storage time should not exceed three months.

MS/CS Series Standard Models for stock

Size (mm)	Product series code		Motor Series code		Screw the nut Configuration code		Effective stroke code		Standard code
					LAB1				
					LAB2]			
					LAC1				
20738	MS28		3D10T		LAC2		30 60 90 120		0
29700	101320	-	30101		LAE1	-	30, 00, 90, 120	-	0
					LAE2				
					LAH1	ļ			
					LAH2				
					LAB1				
			3C20T	_	LAB2	-			0
		-			LAC1				
36X45	MS35				LAC2		50 100 150	_	
00/(10					LAE1		00,100,100		
					LAE2				
					LAH1				
					LAH2				
					LAR1				
					LAR2				
					LBH1	ļ			
42X50	MS42	_	3A10T	_	LBH2	_	50, 100, 150, 200	_	0
42/00	WG+L		54101		LBX1	1	- 50, 100, 150, 200		
					LBX2				
					LCG1				
					LCG2				



MS28 Series

- Integrated design, easy installation
- Small size, width 29 mm
- Anti-Backlash technology, high repeatability



Ordering Information

Lead screws

L

	M	S28 -	3D1	0	Т	– L	- A	E 1	-	XX	- 00	
Actuato	r Series										Sp Ty	ecial Custom pe Code
Code	Mating Motor	·									Code	Custom Type
101320		—									00	Standard Code
Motor C)ntions										XX	Special Custom Code
Code	Motor Length	1]								For custo contact t	mization, please he manufacturer
3D1	32 (LE111S)									Str	oke Optic	ns (mm)
										###	Ontions: 30	0 60 90 120
Additio	nal Options Code	!								For c	customization, p act the manufac	lease iturer
Code	Additional											
0	Options									Nut Typ	e Code	
 	Brake									0.1		
E	Encoder									Code	NUT COO	e Mating Screw
The standard customizatio	l models have no additional n please contact the manufa	options, any addi acturer	tional							<u> </u>	Standard I Anti- Backlash I	Nut Lead screws
Outlet D	Direction Code									The standard any anti-back please contac	configuration is lash customizat of the manufactu	the standard nut, ion, irer
Code	Outlet Direction									Lead Co	de	
Т	Тор	-					I				lead	
В	Bottom	_								Code	mm	Screw Type
L	Left	-								AH	1	
R	Right	-								AE	3	
The standard	l outlet direction is from top	side, any outlet								AB	6.35	
un ection cus	tornization please contact tr	ie manuracturer								AC	12.7	
Screw T	ype Code									The above is If you need to	the standard op customize plea	tional lead se
Code	Screw Type									contact the m	anufacturer	

MS28 Series

Technical Parameters

Actuator	MAX Stroke	Guide Wide	Repeat Accuracy	Lead Code	Lead	MAX speed	MAX Load (Kg) Motor: LE172S		
Series (mm) (mm	(mm)	(mm)		(mm)	(mm/s)	Horizontal	Vertical		
MS28 120			Standard Nut ±0.05 Anti-Backlash Nut ±0.02	AH	1	10	3	2	
	120	12		AE	3	30	3	2	
				AB	6.35	63.5	1.8	1.2	
				AC	12.7	127	1	0.6	

Dimensional Information

33.2)

L2 25TYP <u>N-M4 - 6H∓7</u> 31 Φ Φ Φ ¢ đ

safety distance 10(no sensor) afety distance 15(with sensor)

29

36

_3

Тор Left Right

UNIT: mm

Bottom Outlet Direction Definition The default orientation





Need to leave a 20 mm distance at the end of the sensor

Sensor dimension The sensor is an optional part



Encoder dimension



Encoder/brake are additional options for manufactured motors

Standard Trip (mm)	30	60	90	120
Ν	3	5	6	7
L1 (mm)	106	136	166	196
L2 (mm)	145.6	175.6	205.6	235.6
Weight (Kg)	0.2	0.27	0.35	0.42

Note: The standard does not have a sensor by default. The effective stroke should be reduced by 5 mm when installing one sensor. A maximum of two sensors can be installed.

safety distance 10(no senso safety distance 15(with sens

8

3

XX Stroke

MS35 Series

- · Integrated design, easy installation
- Small size, width 36 mm
- Anti-Backlash technology, high repeatability



Ordering Information

L

Lead screws

Code Mating Motor MS35 NEMA14 Motor Options Code MAX (mm) 3C2 36 (LE143S) Additional Options Code Code Additional 0 No Additional options, any additional usionization please contact the manufacturer Nut Type Code 1 Standard Nut Lead screws 1 Standard Nut 2 Bakian Nut 2 Bakian Nut 2 Backlash Nut 2 Backash Nut	Actuato	or Series						Spo Typ	ecial Custom De Code
Motor Options Code Motor Length MAX (mm) 3C2 36 (LE143S) Additional Options Code Stroke Options: 50, 100, 150 For customization, please contact the manufacturer For customization, please contact the manufacturer Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer Nut Type Code Outlet Direction Code Code Mating Screw 1 Standard configuration is the standard nut, ary anti-backlash nut Itel add screws 2 Code Outlet Direction Code Lead Screw Type AH The standard outlet direction is from top side, any outlet litection customization please contact the manufacturer Lead Screw Type AH Screw Type Code Code Lead screws AB The standard outlet direction is from top side, any outlet litection customization please contact the manufacturer Lead screws AB Screw Type Code The standard outlet direction is a manufacturer	Code MS3	Mating Motor						Code	Custom Type
Motor Options Code Motor Length MAX (mm) 3C2 36 (LE143S) Additional Options Code Code Additional Options 0 No Additional B Brake E Encoder he standard models have no additional options, any additional ustomization please contact the manufacturer Dutlet Direction Code T Top B Bottom T Top B Bottom Vullet Direction Code Leaft T Top B Bottom Left Left R Right he standard outel direction is from top side, any outlet irection ustomization please contact the manufacturer Screw Type Code Lead screws AB 6.35 Lead screws AC AB 6.35 AC 12.7 The above is the standard optional ead fly on neel ocustomization please			—					00	Standard Code
For customization, please contact the manufacturer Stroke Options (mm) 3C2 36 (LE143S) Additional Options Code Code Additional Options Code O No Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer Nut Type Code Outlet Direction Code T Top B Bottom T Top B Bottom T Top B Bottom The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer Lead Code Code tead Screw Type A A R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer Screw Type Code The above is the standard optional lead from the standard optional lead from the customization please contact the manufacturer	Motor C	Intione						XX	Special Custom Cod
Code Motor Length MAX (mm) 3C2 36 (LE143S) Additional Options Code ## Options: 50, 100, 150 For customization, please contact the manufacturer For customization, please contact the manufacturer Additional O No Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer 1 Standard Nut 2 Lead screws Dutlet Direction Code The standard mute director is from top side, any outlet lirection customization please contact the manufacturer The standard onut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction T Code Lead Code The standard outlet directon is from top side, any outlet lirection customization please contact the manufacturer Lead screws AB 6.35 AC Lead screws Screw Type Code The above is the standard optional lead ff you need to customize please The above is the standard optional lead ff you need to customize please				_				For custor	mization, please
3C2 36 (LE143S) Additional Options Code Code Additional Options 0 0 No Additional B 0 No Additional Options 0 No Additional B 0 No Additional Code 0 No Additional B 0 No Additional Code 0 No Additional Code 0 No Additional B 0 No Additional Code 1 Standard Out Anti- Lead Code 1 Lead Code 1 Anti- Lead Screws Additional Code 1 Lead Screws AB 0 AB 0 AB 0 AB	Code	Motor Length						contact th	e manufacturer
Additional Options Code Code Additional Options 0 No Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer Dutlet Direction Code T Top B Bottom L Left R Right Lead screws AB AB 6.35 AC 12.7 The above is the standard optional lead Hyou need to customization please	3C2	36 (LE143S)					Str	oke Ontio	ns (mm)
Additional Options Code Code Additional 0 No Additional 0 No Additional B Brake E Encoder he standard models have no additional options, any additional Lead screws 1 Standard Nut 2 Anti- B Backlash Nut Code Outlet Direction Code T Top B Bottom L Left R Right he standard outlet direction is from top side, any outlet Lead screws Additictional options form top side, any outlet Lead screws AB 6.35 AB 6.35 AB 6.35 AC 12.7 The above is the standard optional lead fryou need to customize please							01		
Additional Options Code Code Additional 0 No Additional 0 No Additional B Brake E Encoder The standard models have no additional options, any additional 1 Standard but Lead screws 2 Anti- Backlash Nut Lead screws 2 Anti- Backlash Nut Lead screws Dutlet Direction Code The standard configuration is the standard nut, any arti-backlash customization please contact the manufacturer Code Outlet Direction Top E B Bottom L Left R Right The standard outlet direction is from top side, any outlet Lead screws AB 6.35 Lead screws AB AB 6.35 AB 6.35 AB 0.525 The above is the standard optional lead If you need to customize please							###	Options: 50	, 100, 150
Code Additional Options Code 0 No Additional 0 No Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer 1 Submit Direction Code 1 T Top B Bottom L Left R Right The standard outlet direction is from top side, any outlet tirection customization please contact the manufacturer Eead Screw Type AH 1 AE 3 L Left R AB AB 6.35 AC 12.7 The above is the standard optional lead Hyou need to customize please							For c	ustomization, pl	ease
Code Additional Options 0 No Additional B Brake E Encoder The standard models have no additional options, any additional sustomization please contact the manufacturer 1 Standard Models have no additional options, any additional 2 Mult Type Code 1 Standard models have no additional options, any additional 2 Ustomization please contact the manufacturer 2 Dutlet Direction Code The standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction T Top B Bottom L Left R Right The standard outlet direction is from top side, any outlet iterction customization please contact the manufacturer Screw Type Code Lead screws AB 6.35 Lead screws AB 12.7 The above is the standard optional lead if you need to customize please	Additio	nal Options Code					CONT	ict the manufact	lurer
Oor No Additional Nut Type Code 0 No Additional B Brake E Encoder The standard models have no additional options, any additional usuomization please contact the manufacturer 1 Standard Nut Lead screws Dutlet Direction Code 2 Backlash Nut Lead screws Code Outlet Direction Code Mating Screw T Top B Bottom Lead Code L Left AH 1 Lead screws R Right AH 1 Lead screws AB 6.35 AC 12.7 The above is the standard optional lead from the standard the standard the standard from the standard optional lead from the	Code	Additional							
U No Additional B Brake E Encoder The standard models have no additional options, any additional ustomization please contact the manufacturer 1 Standard Nut Lead screws Dutlet Direction Code Outlet Direction Code Nut Code Mating Screw Code Outlet Direction Code Ite standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer The standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction Code Lead Code The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer Lead screws Screw Type Code AB 6.35 Lead screws The above is the standard optional lead If you need to customize please The above is the standard optional lead If you need to customize please	0	Options					Nut Type	e Code	
B Brake E Encoder Ite standard models have no additional options, any additional coustomization please contact the manufacturer 1 Standard Nut Lead screws Dutlet Direction Code Ite standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Ite standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction Ite standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Ite standard code Top E B Bottom Lead Code L Left AH 1 Lead screws AB 6.35 Lead screws AB 6.35 Lead screws Screw Type Code The above is the standard optional lead If you need to customize please The above is the standard optional lead If you need to customize please	<u> </u>	No Additional							
L Littoder ''he standard models have no additional options, any additional ustomization please contact the manufacturer 1 Standard Nut 2 Anti- Backlash Nut Lead screws Outlet Direction Code I'he standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer The standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction Code Lead Code T Top Image: Code integration is from top side, any outlet lirection customization please contact the manufacturer AH 1 Lead screws AB 6.35 AC 12.7 Lead screws Image: AB	D	Encoder					Code	Nut Code	e Mating Screw
2 Anti- Backlash Nut Lead screws 2 Anti- Backlash Nut Lead screws 0 0 Direction Code The standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer The standard configuration is the standard nut, any anti-backlash customization, please contact the manufacturer Code Outlet Direction Code Lead Code T Top Top Code Nut L Left Anti- R Screw Type Lead screws AH 1 Lead screws Lead screws AB 6.35 Lead screws AB 6.35 Lead screws AB 0.35 AC 12.7 The above is the standard optional lead If you need to customize please Interview please	L.						1	Standard N	lut
Code Outlet Direction Code Outlet Direction T Top B Bottom L Left R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer Code Lead Screw Type AH 1 AE 3 Lead Screw Type Code The above is the standard optional lead If you need to customize please	ne standard ustomizatio	n please contact the manufa	turer	.1			2	Anti-	Lead screws
Code Outlet Direction T Top B Bottom L Left R Right 'he standard outlet direction is from top side, any outlet irrection customization please contact the manufacturer Code Lead Screw Type AH 1 AE 3 Lead Screws AB 6.35 AC 12.7 The above is the standard optional lead If you need to customize please The above is the standard optional lead If you need to customize please							The standard	configuration is	the standard nut
Code Outlet Direction T Top B Bottom L Left R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer Code Screw Type Code AB Image: Code Code Lead screws AB 6.35 AC 12.7	Outlet D	irection Code					any anti-backl	ash customizati	on,
Code Outlet Direction T Top B Bottom L Left R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer AH 1 AB 6.35 Lead screws AC 12.7 The above is the standard optional lead If you need to customize please							please contac	t the manufactu	rer
T Top B Bottom L Left R Right AH 1 AE 3 AB 6.35 AC 12.7	Code	Outlet Direction					Lead Co	de	
B Bottom L Left R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer AH 1 AE 3 Lead screws AB 6.35 AC 12.7 Screw Type Code The above is the standard optional lead If you need to customize please The above is the standard optional lead If you need to customize please	Т	Тор				L		Lood	
L Left R Right The standard outlet direction is from top side, any outlet lirection customization please contact the manufacturer AH 1 AB 6.35 AB 6.35 AC 12.7 The above is the standard optional lead lf you need to customize please	В	Bottom					Code	mm	Screw Type
R Right The standard outlet direction is from top side, any outlet AE 3 Irection customization please contact the manufacturer AB 6.35 AC 12.7 Screw Type Code The above is the standard optional lead If you need to customize please	L	Left					AH	1	
The standard outlet direction is from top side, any outlet AB 6.35 Lead screws AB 0.12.7 Screw Type Code The above is the standard optional lead If you need to customize please	R	Right					AE	3	L L
Interction customization please contact the manufacturer AC 12.7 Screw Type Code The above is the standard optional lead If you need to customize please	he standard	l outlet direction is from top s	de, any outlet				AB	6.35	Lead screws
Screw Type Code The above is the standard optional lead If you need to customize please	lirection cus	tomization please contact th	manufacturer				AC	12.7	
If you need to customize please	Screw T	vpe Code					The above is t	he standard opti	ional lead
]		If you need to	customize pleas	se

MS35 Series

Technical Parameters

Actuator	MAX Stroke	Guide Wide	Repeat Accuracy	Lead Code	Lead	MAX speed	MAX Load (Kg) Motor: LE172S		
Series	Series (mm) (mm)	(mm)	(mm)		(mm)	(mm/s)	Horizontal	Vertical	
MS35 150		15	Standard Nut ±0.05 Anti-Backlash Nut ±0.02	AH	1	10	5	3	
	150			AE	3	30	5	3	
				AB	6.35	63.5	4.5	3	
				AC	12.7	127	2.4	1.6	

Dimensional Information







UNIT: mm

Outlet Direction Definition The default orientation of the standard is up.







Sensor dimension The sensor is an optional part





Encoder/brake are additional options for manufactured motors

Standard Trip (mm)	50	100	150
Ν	3	4	5
L1 (mm)	140	190	240
L2 (mm)	182.6	232.6	282.6
Weight (Kg)	0.4	0.6	0.8

Note: The standard does not have a sensor by default. The effective stroke should be reduced by 5 mm when installing one sensor. A maximum of two sensors can be installed.

MS42 Series

- · Integrated design, easy installation
- Small size, width 42 mm
- Anti-Backlash technology, high repeatability



Ordering Information

	MS	542 -	3A1	0	т –	L	AR	1 –	XX	- 00	
Actuato	r Series									Spo Typ	ecial Custom De Code
Code	2 Mating Motor									Code	Custom Type
		_								00	Standard Code
Motor C	Intions									XX	Special Custom Code
Code	Motor Length MAX (mm)]							For custor contact th	nization, please e manufacturer
3A1	39.8 (LE172S))							Sti	roke Optio	ns (mm)
									###	t Ontions: 50	100 150
Additio	nal Options Code								For cont	customization, pl act the manufact	ease rurer
Code	Additional Options								Nut Tvo	e Code	
0	No Additional							L			
E	Brake								Code	Nut Code	e Mating Screw
The standard customizatio	models have no additional on please contact the manufa	ptions, any add	ditional						1 2	Standard N Anti- Backlash N	Lead screws
Outlet D	Pirection Code							-	The standard any anti-back please contae	configuration is lash customization ct the manufactu	the standard nut, on, rer
Code	Outlet Direction								Lead Co	ode	
Т	Тор						L			heal	
В	Bottom								Code	mm	Screw Type
L	Left								CG	1.25	
R	Right								AR	4	Lead screws
The standard direction cus	l outlet direction is from top s tomization please contact th	ide, any outlet e manufacture	r						BH	8	Leau Sciews
Screw T	ype Code								BX The above is If you need to	IU.5 the standard option customize please	onal lead

Code	Screw Type
L	Lead screws

contact the manufacturer

MS42 Series

Technical Parameters

Actuator	MAX Stroke	Guide Wide	Repeat Accuracy	Lead Code	Lead	MAX speed	MAX Load (Kg) Motor: LE172S		
Series	(mm)	(mm)	(mm)		Horizont	Horizontal	Vertical		
MS42 200			Standard Nut	CG	1.25	12.5	5	3	
	15	±0.05	AR	4	40	5	3		
			Anti-Backlash Nut ±0.02	BH	8	80	5	3	
				BX	10.5	105	5	3	

safety distance 10(no sensor) safety distance 15(with sensor

110.

3

4

XX Stroke

Dimensional Information

(44.9)

16.5

_3



35.25

safety distance 10(no sensor) afety distance 15(with sensor)

60



UNIT: mm

Outlet Direction Definition The default orientation

Sensor mounting hole 2- M3 ₹ 6 Two holes in the same position on the opposite side









Sensor dimension The sensor is an optional part

Encoder/brake are additional options for manufactured motors

Standard Trip (mm)	50	100	150	200
Ν	3	4	6	7
L1 (mm)	155	205	255	305
L2 (mm)	202.3	252.3	302.3	352.3
Weight (Kg)	0.8	0.85	0.9	1

Note: The standard does not have a sensor by default. The effective stroke should be reduced by 5 mm when installing one sensor. A maximum of two sensors can be installed.

Sensor Options (Order Separately)

Installation Instructions

Installation Tools:

• Hex Key Wrench M3

Mounting:

The sensor mounting holes have been reserved on the side of the linear module. Please install the sensor according to the picture here.

Note: The MS series have sensor mounting holes on the double side



Ordering model



Accessories package

Ordering model	Accessories	Matching products
PJB-SE12F04NO	NPN type sensor x1, M3 screw x1, M3 nut x1	CS/MS series
PJB-SE12F04PO	PNP type sensor x1, M3 screw x1, M3 nut x1	CS/MS series

Note: Please order the accessories package separately for sensors, and sensor need installation by customer.

11

													_	
													_	
													_	
													_	
										_			_	
													_	
				+										
				++-										

Additional Application Specific Technologies



PBC Linear has a Wide Range of Products to Fit Your Needs

PBC offers many sliding/rolling element bearing product lines. PBC also offers a full line of Mechatronics products for those wanting an assembled solution



PBC Technologies	Lead Screw	Simplicity	Roller Pillow Block	Glide Surface	Integral-V	Cam Roller	Mechatronics
Inexpensive	٠	•	•	٠	•	•	•
Low Maintenance	•	•	•	٠			•
Compact Size	•			٠			•
Low Noise	•	•					•
Multiple Configurations	٠	٠	•	٠	•	•	•
Washdown Applications	•	٠		•			•
Custom Design Support	٠	٠	•	٠	•	•	•
Moderate to High Speed	•	٠	•	•	•	•	•
Vacuum and Cleanroom Applications	•	•		•			•
Food Processing	٠	٠	٠	٠			
Ease of Installation	٠				٠	٠	•





PBC Linear Worldwide Headquarters

6402 E. Rockton Road Roscoe, Illinois 61073 USA

Tel: +1.815.389.5600 Toll-Free: +1.800.962.8979 Fax: +1.815.389.5790

sales@pbclinear.com pbclinear.com

PBC Linear Europe GmbH European Headquarters

Bonner Straße 363 40589 Duesseldorf Germany Tel: +49 211 545590 20 Fax: +49 211 545590 39

info@pbclinear.eu pbclinear.eu

PBC-MOONS China Headquarters

168 Mingjia Road, Minhang District, Shanghai 201107, P.R. China Tel: +86 21 52634688

Fax: +86 21 52634098

info@moons.com.cn www.moons.com.cn

PBC Linear has a global network of distributors with thousands of locations worldwide. Visit **pbclinear.com** to find a distributor near you.

Distributed	by
-------------	----

All information within this data sheet is correct at the time of printing.

However, in some instances adjustments need to be made, and this may cause specific information to become outdated. For the most current version, please reference our online data sheet through the resources menu at pbclinear.com.

Visit **pbclinear.com** for Product Information and 2D/3D CAD Downloals Call **1-800-962-8979** for Technical and Application Information

The data and specifications in this publication have been carefully compiled and are believed to be accurate and correct. However, it is the responsibility of the user to determine and ensure the suitability of PBC Linear® products for a specific application. PBC Linear only obligation will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. Specifications are subject to change without notice. LITMS-001 r1 (04-2020)