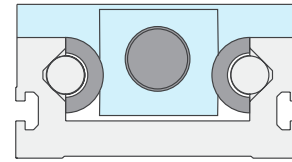
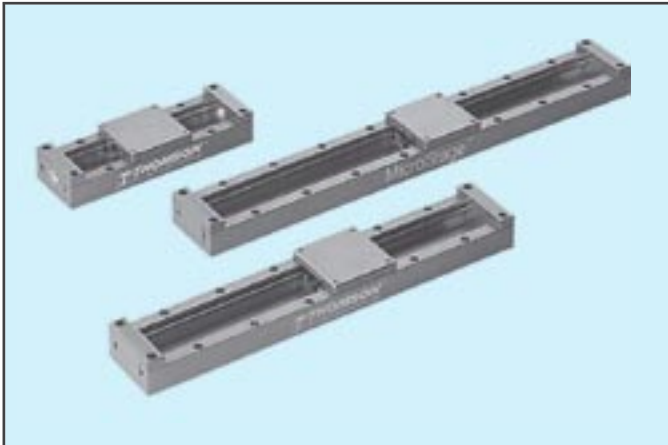


## Precision rodless actuators - product information

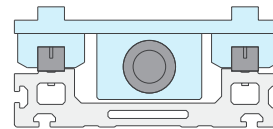
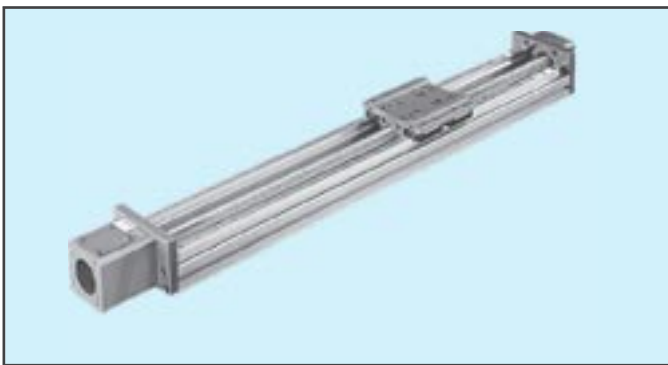
### Microstage



#### Screw drive, ball guides with round rail

- High precision
- High precision guide
- Low friction
- Low drive torque
- No stick-slip
- Play free lead screw
- Require very little space

### Accuslide



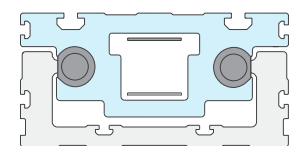
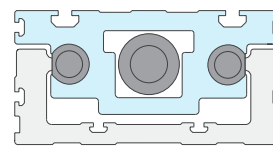
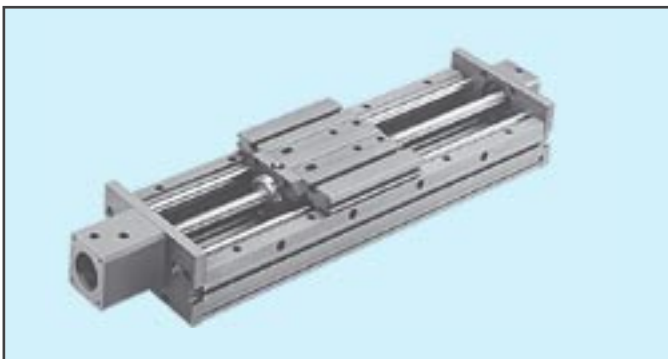
#### Screw drive, ball guides with square rail

- Very high precision
- High precision guide
- Low friction
- Low drive torque
- No stick-slip
- Play free ball screw

#### Belt drive, ball guides with square rail

- High precision
- Playfree guide
- Low friction
- Low drive torque
- No stick-slip
- High speed

### Superslide



#### Screw drive, ball guides with round rail

- Very high precision
- High precision guide
- Low friction
- Low drive torque
- No stick-slip
- Play free ball screw

#### Belt drive, ball guides with round rail

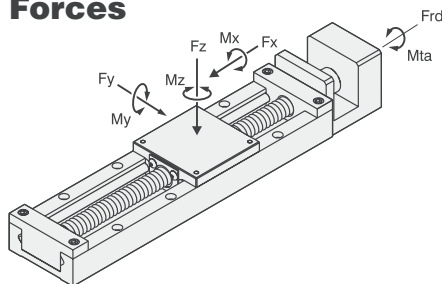
- High precision
- Playfree guide
- Low friction
- Low drive torque
- No stick-slip
- High speed

# Microstage MS25

## Technical data

	Microstage
Designation	MS25
Max. stroke [m]	0,283
Max. speed [m/s]	0,15
Max. input speed [rpm]	3000
Temperature range [°C]	- 20 – +70
Weight [kg]	
MS25 – L • • – L120	0,45
MS25 – L • • – L204	0,60
MS25 – L • • – L288	0,75
MS25 – L • • – L372	0,89
Max. load Fx [N]	20
Max. load Fy [N]	100
Max. load Fz [N]	100
Repeatability [± mm]	0,01

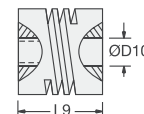
## Forces



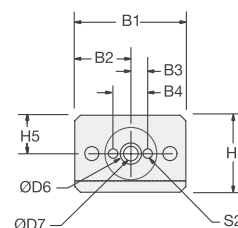
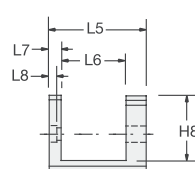
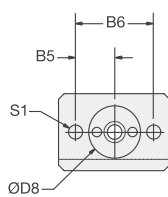
## Ordering length

Stroke	Total length	Length to order
S	L tot	L
$S = L - 88,5$	$L \text{ tot} = L + L5$	120, 204, 288, 372 mm

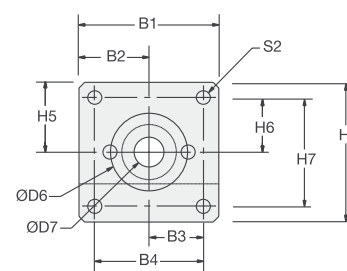
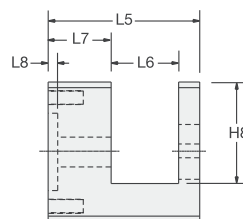
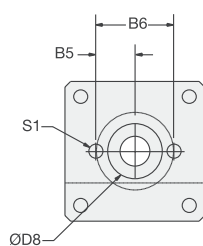
## Dimensions



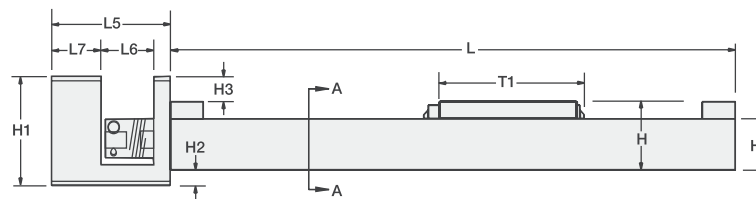
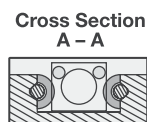
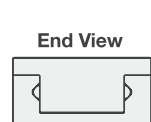
### MS25 – L • A



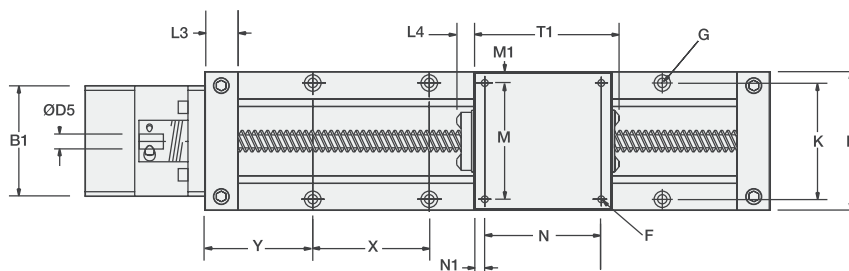
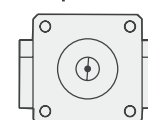
### MS25 – L • B



### MS25 – L • A / B



### End View of Adaptor Block\*



	A / B		A / B		A / B		A / B		A / B		A / B		A / B
<b>B</b>	50	<b>B6</b>	22,75	<b>F</b>	M3 × 0,5	<b>H4</b>	18,6	<b>L3</b>	12	<b>M</b>	42	<b>T1</b>	52,5
<b>B1</b>	32 / 39,9	<b>ØD5</b>	3 / 6,35	<b>G</b>	M3	<b>H5</b>	11 / 19,5	<b>L4</b>	12	<b>M1</b>	4	<b>X</b>	42
<b>B2</b>	16 / 19,95	<b>ØD6</b>	6,02 / 22,03	<b>H</b>	25	<b>H6</b>	- / 15,5	<b>L5</b>	27,75 / 43,25	<b>N</b>	42	<b>Y</b>	39
<b>B3</b>	5 / 15,5	<b>ØD7</b>	4 / 8,5	<b>H1</b>	22 / 39,9	<b>H7</b>	- / 31	<b>L6</b>	18,75 / 19,25	<b>N1</b>	4		
<b>B4</b>	10 / 31	<b>ØD8</b>	14,5 / 16,4	<b>H2</b>	3,25 / 5,7 *	<b>H8</b>	18,75 / 29	<b>L7</b>	3 / 18	<b>S1</b>	4,6		
<b>B5</b>	11,38	<b>ØD10</b>	to suit motor	<b>H3</b>	0,45 / 9,4	<b>K</b>	42	<b>L8</b>	1,7 / 2,75	<b>S2</b>	2,4 / M4		

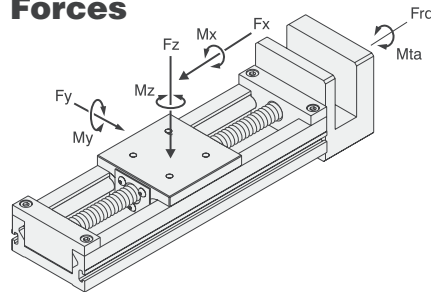
\* Adaptor block extends below the mounting surface of the profile of the unit.

# Microstage MS33

## Technical data

	Microstage
Designation	MS33
Max. stroke [m]	0,3
Max. speed [m/s]	0,1
Max. input speed [rpm]	3000
Temperature range [°C]	- 20 - +70
Weight [kg]	
MS33 - L •• - L200	1,07
MS33 - L •• - L300	1,37
MS33 - L •• - L400	1,68
Max. load Fx [N]	45
Max. load Fy [N]	150
Max. load Fz [N]	150
Repeatability [± mm]	0,01

## Forces

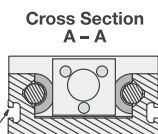
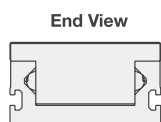
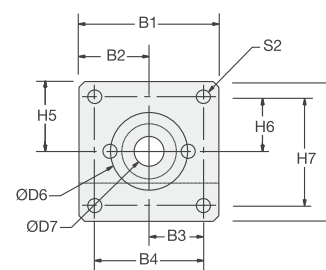
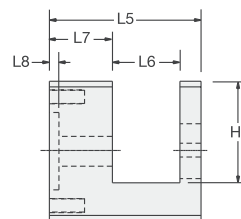
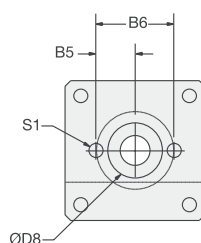
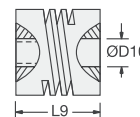


## Ordering length

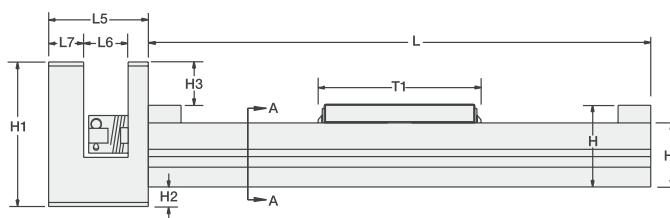
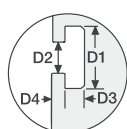
Stroke	Total length	Length to order
S	L tot	L
S = L - 100	L tot = L + L5	200, 300, 400 mm

## Dimensions

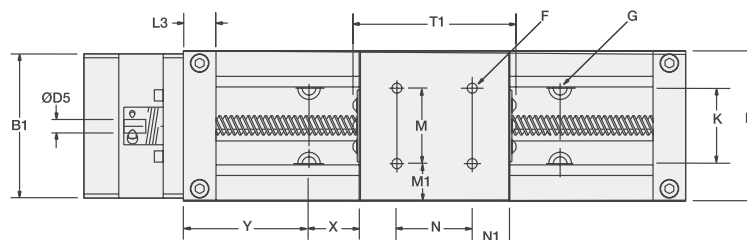
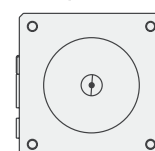
MS33 - L • A / B



T-slots



End View of Adaptor Block\*



	A / B		A / B		A / B		A / B		A / B		A / B		A / B
<b>B</b>	60	<b>B6</b>	22,3	<b>ØD6</b>	22,03 / 38,18	<b>H</b>	33	<b>H6</b>	15,5 / 23,57	<b>L6</b>	19,25 / 17,75	<b>N1</b>	15
<b>B1</b>	39,9 / 57,66	<b>ØD1</b>	8	<b>ØD7</b>	8,5	<b>H1</b>	39,9 / 57,66	<b>H7</b>	31 / 47,14	<b>L7</b>	18 / 14	<b>S1</b>	M4
<b>B2</b>	19,95 / 28,83	<b>ØD2</b>	4,2	<b>ØD8</b>	16,4	<b>H2</b>	1,05 / 7,83 *	<b>H8</b>	29 / 38	<b>L8</b>	2,75 / 4	<b>S2</b>	M4
<b>B3</b>	15,5 / 23,57	<b>ØD3</b>	2,75	<b>ØD10</b>	to suit motor	<b>H3</b>	8,45 / 17,33	<b>K</b>	30	<b>M</b>	30	<b>T1</b>	65
<b>B4</b>	31 / 47,14	<b>ØD4</b>	2	<b>F</b>	M5 × 0,8	<b>H4</b>	25,5	<b>L3</b>	13	<b>M1</b>	15	<b>X</b>	100
<b>B5</b>	11,15	<b>ØD5</b>	6,35	<b>G</b>	M5	<b>H5</b>	19,95 / 28,83	<b>L5</b>	43,25 / 39,75	<b>N</b>	30	<b>Y</b>	50

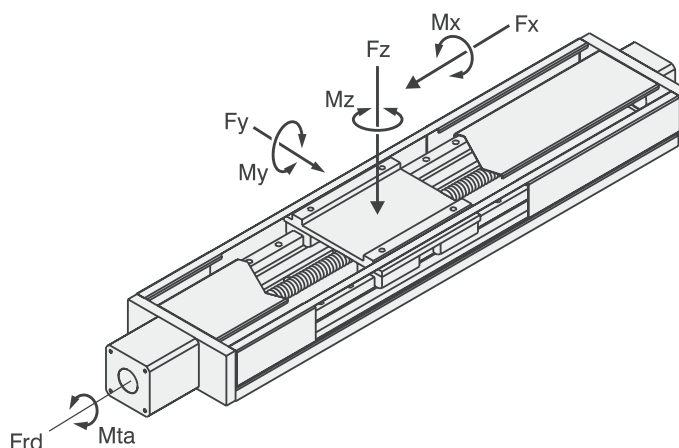
\* Adaptor block extends below the mounting surface of the profile of the unit.

## Accuslide - screw drive

### Technical data

	Accuslide	
	2HBE10	2HBE20
Designation	2HBE10	2HBE20
Max. stroke [m]	0,85	2,8
Max. speed [m/s]	0,5	1,25
Max. input speed [rpm]	3000	3000
Temperature range [°C]	-20 – +70	-20 – +70
Saddle weight [kg]	0,4	2,7
Max. load Fx [N]	2000	4500
Max. load Fy [N]	4000	15 000
Max. load Fz [N]	8000	30 000
Max. load torque Mx [Nm]	200	1900
Max. load torque My [Nm]	290	2450
Max. load torque Mz [Nm]	100	950
Screw lead [mm/rev.]	5 / 10	5 / 10 / 25
Repeatability [± mm]	0,005	0,005
Accuracy over 300 mm of travel [mm]	0,025	0,025

### Forces



### Ordering length in millimetres

Model	Designation	Total length	Length to order
		L tot	L
Accuslide	2HBE10	L tot = L + 96,5	L = stroke + 125
Accuslide	2HBE20	L tot = L + 145	L = stroke + 240

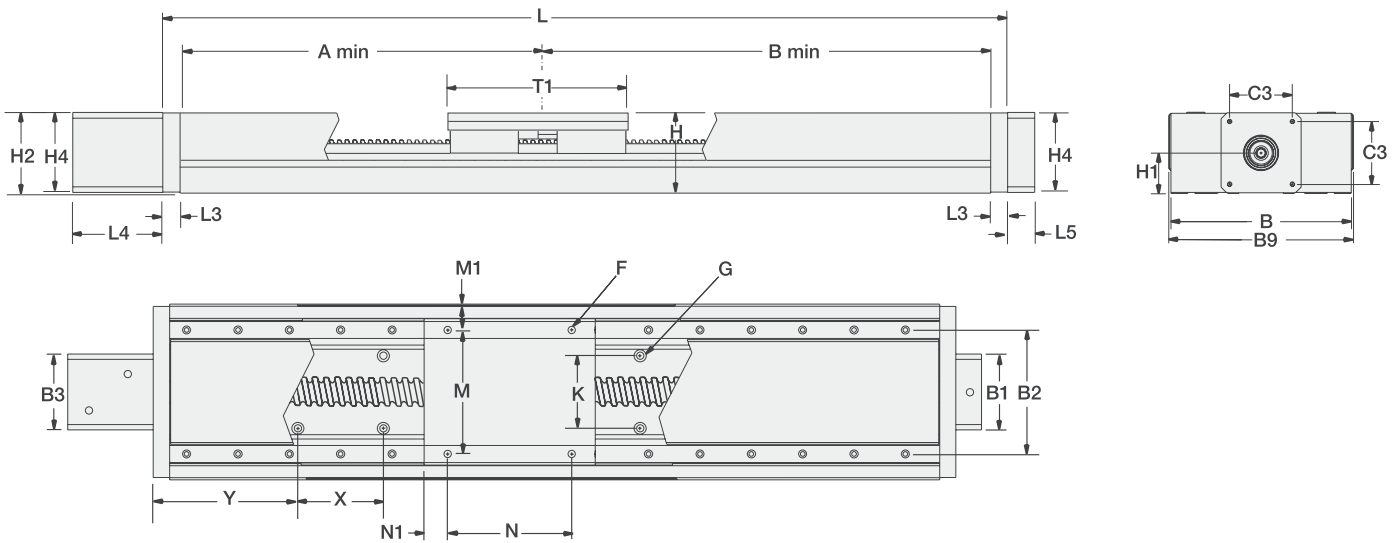
### Standard ordering lengths

Model	Designation	Standard lengths*
Accuslide	2HBE10	150 – 975 mm in increments of 75 mm
Accuslide	2HBE20	325 – 2965 mm in increments of 120 mm

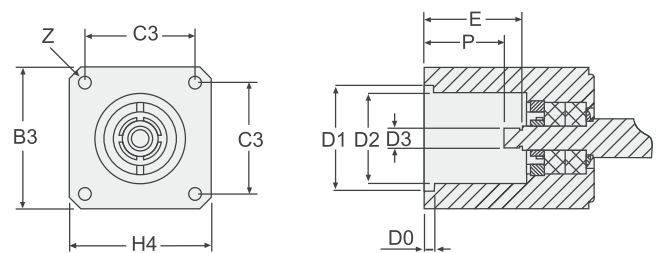
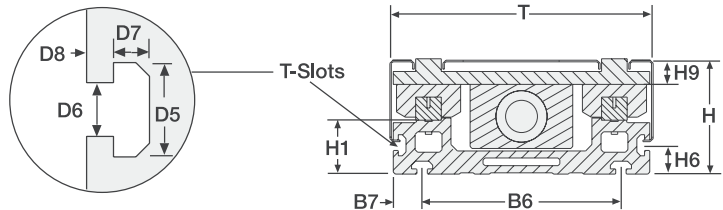
\* Custom lengths are available but require longer delivery.

# Accuslide - screw drive

## Dimensions



Drawing show the unit with option shrouds.



Model	Designation	A min.	B min.
Accuslide	2HBE10	60	50
Accuslide	2HBE20	110	100

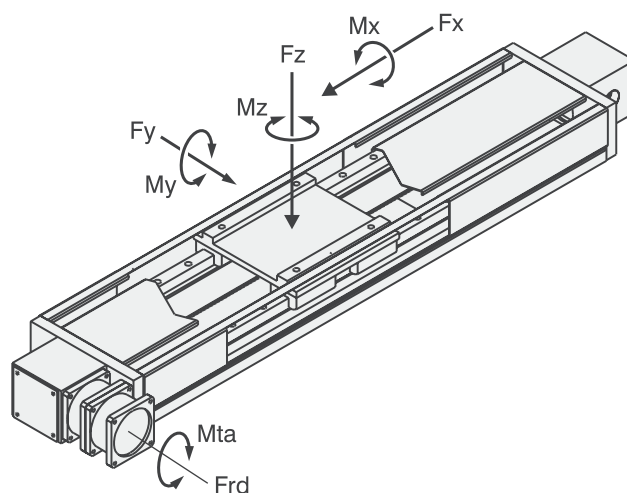
	2HBE10	2HBE20		2HBE10	2HBE20		2HBE10	2HBE20		2HBE10	2HBE20		2HBE10	2HBE20
<b>B</b>	100	200	<b>D2</b>	38,2	50,8	<b>G</b>	M5	M8	<b>L3</b>	12,5	19	<b>T</b>	100	200
<b>B1</b>	60	88	<b>D3</b>	8	14	<b>H</b>	60	90	<b>L4</b>	70	105	<b>T1</b>	100	200
<b>B2</b>	70	145	<b>D5</b>	10,5	16,5	<b>H1</b>	31	45	<b>L5</b>	26,6	43	<b>X</b>	75	120
<b>B3</b>	60	88	<b>D6</b>	6	8,1	<b>H2</b>	61	89	<b>M</b>	70	145	<b>Y</b>	37,5	42,5
<b>B9</b>	105	205	<b>D7</b>	3	6	<b>H4</b>	60	88	<b>M1</b>	15	27,5	<b>Z</b>	M5	M5
<b>C3</b>	47,15	69,6	<b>D8</b>	2,5	4	<b>H6</b>	15	22,5	<b>N</b>	70	145		NEMA23	NEMA34
<b>D0</b>	-	5	<b>E</b>	42	66	<b>H9</b>	13	19	<b>N1</b>	15	27,5			
<b>D1</b>	38,2	73,1	<b>F</b>	M5	M10	<b>K</b>	35	35	<b>P</b>	34	52			

## Accuslide - belt drive

### Technical data

	Accuslide	
	2HEE10	2HEE20
Designation	2HEE10	2HEE20
Max. stroke [m]	0,85	2,8
Max. speed [m/s]	3	3
Temperature range [°C]	- 20 – +70	- 20 – +70
Saddle weight [kg]	0,4	2,7
Max. load Fx [N]	485	1488
Max. load Fy [N]	4000	15 000
Max. load Fz [N]	8000	30 000
Max. load torque Mx [Nm]	200	1900
Max. load torque My [Nm]	290	2450
Max. load torque Mz [Nm]	100	950
Move [mm/rev.]	84	150
Belt weight [kg/m belt]	0,04	0,18
Repeatability [± mm]	0,05	0,05
Accuracy over 300 mm of travel [mm]	0,2	0,2

### Forces



### Ordering length in millimetres

Model	Designation	Total length	Length to order
		L tot	L
Accuslide	2HEE10	L tot = L + 123	L = stroke + 125
Accuslide	2HEE20	L tot = L + 203	L = stroke + 240

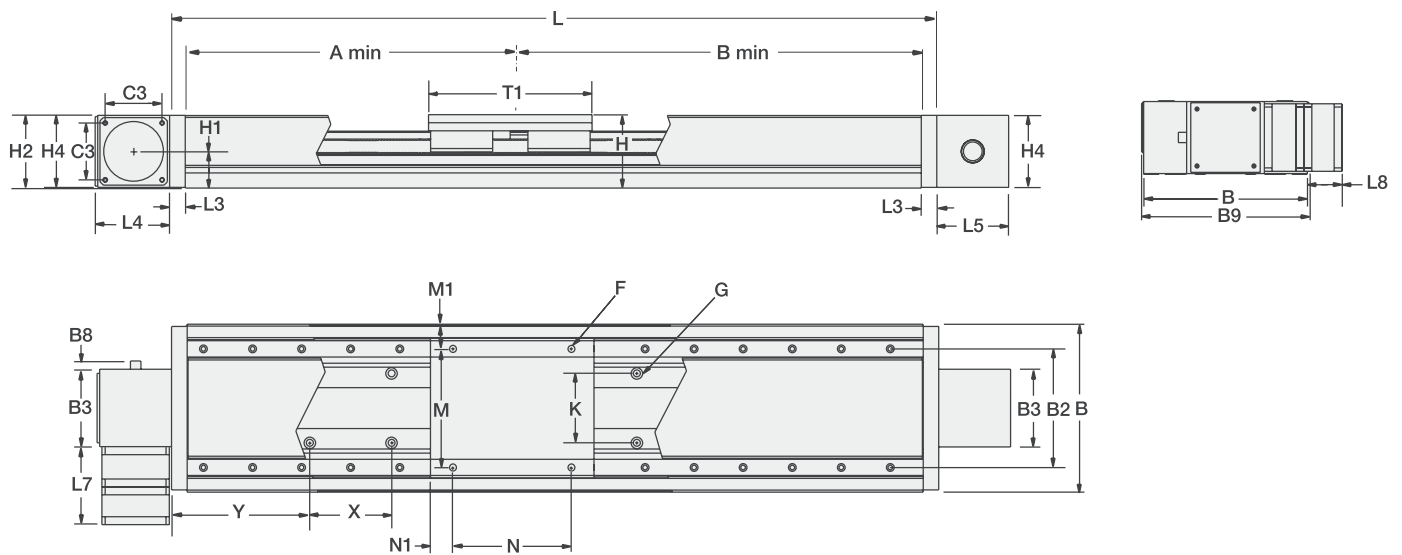
### Standard ordering lengths

Model	Designation	Standard lengths*
Accuslide	2HEE10	150 – 975 mm in increments of 75 mm
Accuslide	2HEE20	325 – 2965 mm in increments of 120 mm

\* Custom lengths are available but require longer delivery.

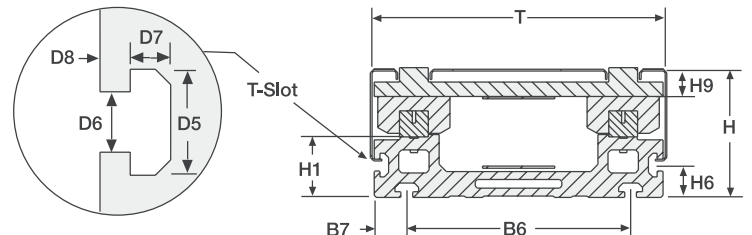
# Accuslide - belt drive

## Dimensions



Drawing show the unit with option shrouds.

Model	Designation	A min.	B min.
Accuslide	2HEE10	50	50
Accuslide	2HEE20	100	100



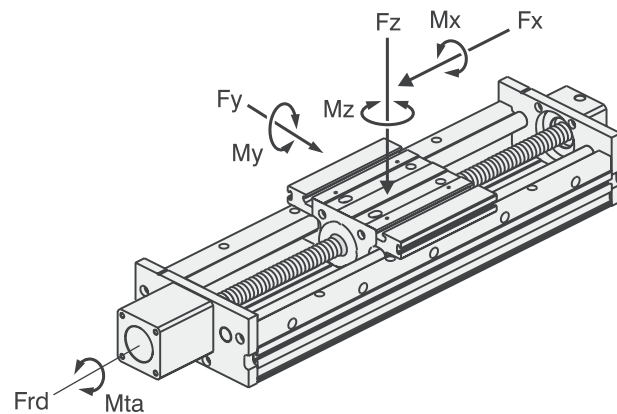
	2HEE10	2HEE20		2HEE10	2HEE20		2HEE10	2HEE20		2HEE10	2HEE20		2HEE10	2HEE20
<b>B</b>	100	200	<b>C3</b>	47,15	69,5	<b>H</b>	60	90	<b>L3</b>	12,5	19	<b>N1</b>	15	27,5
<b>B2</b>	70	145	<b>D5</b>	10,5	16,5	<b>H1</b>	31	45	<b>L4</b>	61,5	101,5	<b>T</b>	100	200
<b>B3</b>	65	95	<b>D6</b>	6	8,1	<b>H2</b>	61	89	<b>L5</b>	61,5	101,5	<b>T1</b>	100	200
<b>B6</b>	70	155	<b>D7</b>	3	6	<b>H4</b>	60	88	<b>L7</b>	71,6	95	<b>X</b>	75	120
<b>B7</b>	15	22,5	<b>D8</b>	2,5	4	<b>H6</b>	15	22,5	<b>M</b>	70	145	<b>Y</b>	37,5	42,5
<b>B8</b>	6,6	10	<b>F</b>	M5	M10	<b>H9</b>	13	19	<b>M1</b>	15	27,5			
<b>B9</b>	105	205	<b>G</b>	M5	M8	<b>K</b>	35	85	<b>N</b>	70	145			

## Superslide - screw drive

### Technical data

	Superslide	
Designation	2RBE12	2RBE16
Max. stroke [m]	1,9	2,8
Max. speed [m/s]	0,5	1
Max. input speed [rpm]	3000	3000
Temperature range [°C]	-20 – +70	-20 – +70
Saddle weight [kg]	0,9	1,7
Max. load Fx [N]	2000	3000
Max. load Fy [N]	800	2100
Max. load Fz [N]	1600	4300
Max. load torque Mx [Nm]	70	250
Max. load torque My [Nm]	60	200
Max. load torque Mz [Nm]	35	125
Screw lead [mm/rev.]	5 / 10	5 / 10 / 20
Repeatability [± mm]	0,005	0,005
Accuracy over 300 mm of travel [mm]	0,025	0,025

### Forces



### Ordering length in millimetres

Model	Designation	Total length	Length to order
		L tot	L
Superslide	2RBE12	L tot = L + 96,5	L = stroke + 149
Superslide	2RBE16	L tot = L + 106,5	L = stroke + 185

### Standard ordering lengths

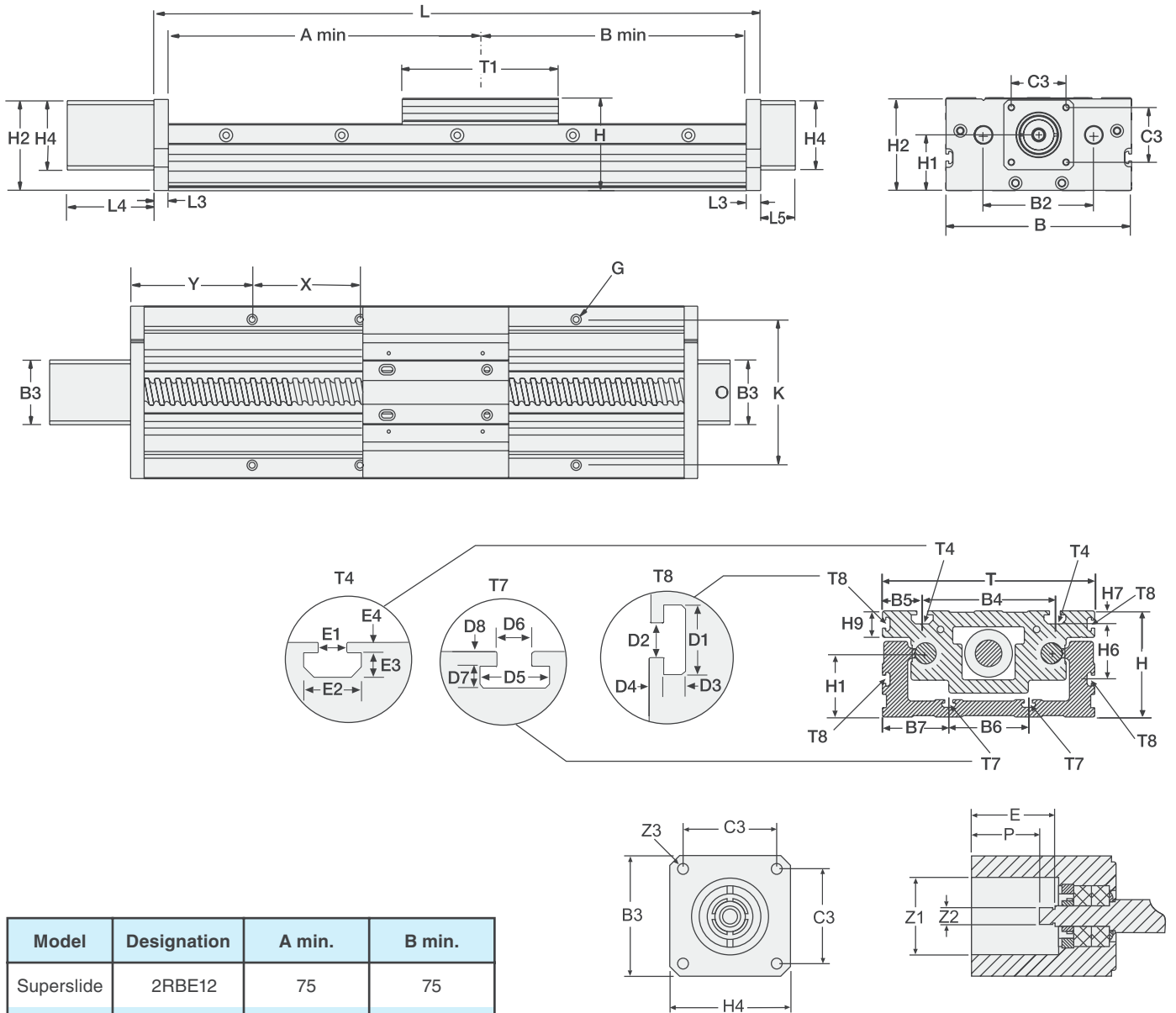
Model	Designation	Standard lengths*
Superslide	2RBE12	225 – 2100 mm in increments of 75 mm
Superslide	2RBE16	300 – 3000 mm in increments of 100 mm

\* Custom lengths are available but require longer delivery.



# Superslide - screw drive

## Dimensions



Model	Designation	A min.	B min.
Superslide	2RBE12	75	75
Superslide	2RBE16	90	90

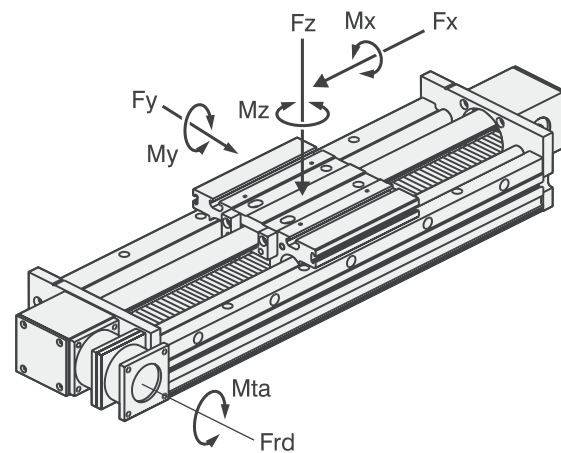
	2RBE12	2RBE16		2RBE12	2RBE16		2RBE12	2RBE16		2RBE12	2RBE16		2RBE12	2RBE16
<b>B</b>	130	160	<b>D2</b>	4,2	6	<b>E2</b>	13	16,5	<b>H7</b>	7	10	<b>X</b>	75	100
<b>B2</b>	75	95	<b>D3</b>	2,75	3,5	<b>E3</b>	4	6,8	<b>H9</b>	14	20	<b>Y</b>	75	100
<b>B3</b>	60	60	<b>D4</b>	2	2,5	<b>E4</b>	3	3	<b>K</b>	110	135	<b>Z1</b>	38,2	38,2
<b>B4</b>	75	100	<b>D5</b>	8	10,5	<b>G</b>	M4	M5	<b>L3</b>	9,5	12,5	<b>Z2</b>	8	10
<b>B5</b>	27,5	30	<b>D6</b>	4,2	6	<b>H</b>	65	80	<b>L4</b>	70	75	<b>Z3</b>	M5	M5
<b>B6</b>	65	80	<b>D7</b>	2,75	3,5	<b>H1</b>	40	48	<b>L5</b>	26,5	31,5			
<b>B7</b>	32,5	40	<b>D8</b>	2	2,5	<b>H2</b>	75	79	<b>P</b>	34	32,5			
<b>C3</b>	47,15	47,15	<b>E</b>	42	42,5	<b>H4</b>	60	60	<b>T</b>	130	160			
<b>D1</b>	8	10,5	<b>E1</b>	7,5	8,1	<b>H6</b>	35	41,5	<b>T1</b>	130	160			

## Superslide - belt drive

### Technical data

	Superslide	
	2REE12	2REE16
Designation	2REE12	2REE16
Max. stroke [m]	2,8	2,8
Max. speed [m/s]	3	3
Temperature range [°C]	-20 – +70	-20 – +70
Saddle weight [kg]	0,9	1,7
Max. load Fx [N]	485	1488
Max. load Fy [N]	800	2100
Max. load Fz [N]	1600	4300
Max. load torque Mx [Nm]	70	250
Max. load torque My [Nm]	60	200
Max. load torque Mz [Nm]	35	125
Move [mm/rev.]	84	110
Belt weight [kg/m belt]	0,04	0,11
Repeatability [± mm]	0,05	0,05
Accuracy over 300 mm of travel [mm]	0,2	0,2

### Forces



### Ordering length in millimetres

Model	Designation	Total length	Length to order
		L tot	L
Superslide	2REE12	L tot = L + 123	L = stroke + 149
Superslide	2REE16	L tot = L + 123	L = stroke + 185

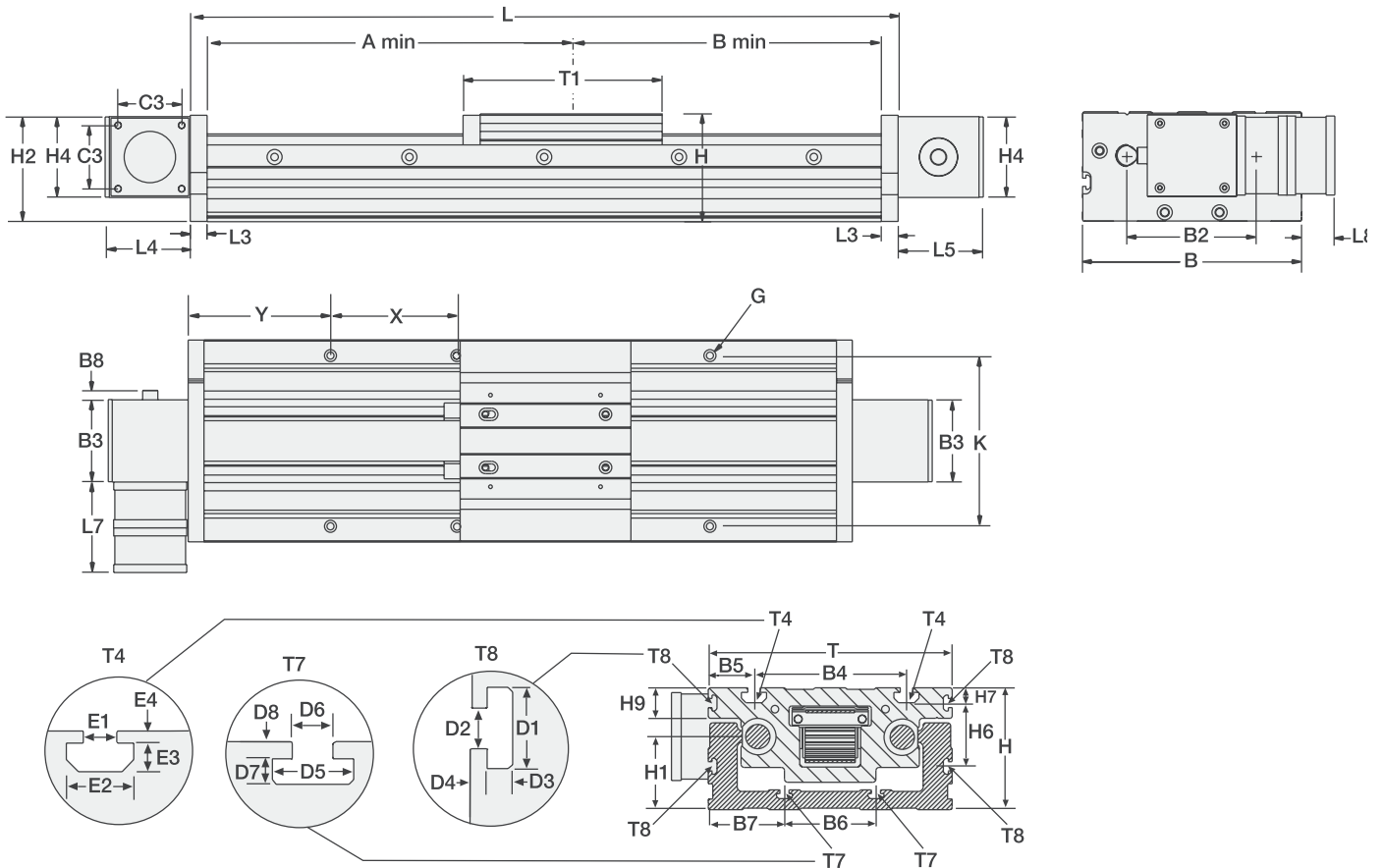
### Standard ordering lengths

Model	Designation	Standard lengths*
Superslide	2REE12	300 – 3000 mm in increments of 75 mm
Superslide	2REE16	300 – 3000 mm in increments of 100 mm

\* Custom lengths are available but require longer delivery.

# Superslide - belt drive

## Dimensions



Model	Designation	A min.	B min.
Superslide	2REE12	65	65
Superslide	2REE16	80	80

	2REE12	2REE16		2REE12	2REE16		2REE12	2REE16		2REE12	2REE16		2REE12	2REE16
<b>B</b>	130	160	<b>D1</b>	8	10,5	<b>E1</b>	7,5	8,1	<b>H4</b>	60	60	<b>L7</b>	71,6	71,6
<b>B2</b>	75	95	<b>D2</b>	4,2	6	<b>E2</b>	13	16,5	<b>H6</b>	35	41,5	<b>T</b>	130	160
<b>B3</b>	65	65	<b>D3</b>	2,75	3,5	<b>E3</b>	4	6,8	<b>H7</b>	7	10	<b>T1</b>	130	160
<b>B4</b>	75	100	<b>D4</b>	2	2,5	<b>E4</b>	3	3	<b>H9</b>	14	20	<b>X</b>	75	100
<b>B5</b>	27,5	30	<b>D5</b>	8	10,5	<b>G</b>	M4	M5	<b>K</b>	110	135	<b>Y</b>	75	100
<b>B6</b>	65	80	<b>D6</b>	4,2	6	<b>H</b>	65	80	<b>L3</b>	9,5	12,5			
<b>B7</b>	32,5	40	<b>D7</b>	2,75	3,5	<b>H1</b>	40	48	<b>L4</b>	61,5	61,5			
<b>C3</b>	47,15	47,15	<b>D8</b>	2	2,5	<b>H2</b>	75	79	<b>L5</b>	61,5	61,5			

## Ordering keys

### Microstage MS25

Designation example	MS	25	-LD	A	-L288
<b>Unit type</b> Microstage	MS				
<b>Size</b> 25		25			
<b>Screw lead / screw diameter</b> 0,025" / 0,250" 0,050" / 0,250" 0,062" / 0,250" 0,200" / 0,250" 0,250" / 0,250" 0,500" / 0,250" 1,000" / 0,250" 1,5 mm / 0,250" 2,0 mm / 0,250" 3,0 mm / 0,250"			-LA -LB -LC -LD -LE -LF -LG -LH -LI -LJ		
<b>Type of motor mount block and coupling</b> Type A (only for size 22 DC gearmotor) Type B (only for size 17 stepper motor)				A B	
<b>Ordering length (L)</b> 120 mm 204 mm 288 mm 372 mm					-L120 -L204 -L288 -L372

## Ordering keys

### Microstage MS33

Designation example	MS	33	-LH	B	-L200
<b>Unit type</b> Microstage	MS				
<b>Size</b> 33		33			
<b>Screw lead / screw diameter</b> 0,0625" / 0,375" 0,100" / 0,375" 0,125" / 0,375" 0,200" / 0,375" 0,250" / 0,375" 0,375" / 0,375" 0,500" / 0,375" 1,000" / 0,375" 1,200" / 0,375" 2,0 mm / 0,375"			-LA -LB -LC -LD -LE -LF -LG -LH -LI -LJ		
<b>Type of motor mount block and coupling</b> Type A (only for size 17 servo motor) Type B (only for size NEMA 23 motor)				A B	
<b>Ordering length (L)</b> 200 mm 300 mm 400 mm					-L200 -L300 -L400

## Ordering keys

### Accuslide, Superslide - screw driven units

Designation example	2H	B	E	20	-YP	K	-	N	B	L0525
<b>Unit type</b> Accuslide Superslide	2H 2R									
<b>Drive type</b> Ball screw Non driven		B A								
<b>Engineering unit and origin</b> Metric version produced in the EU			E							
<b>Size</b> Accuslide profile width 100 mm, ball guide size 10 Accuslide profile width 200 mm, ball guide size 20 Superslide profile width 130 mm, ball bushing diam. 12 Superslide profile width 160 mm, ball bushing diam. 16				10 20 12 16						
<b>Bearing block, type of support and carriage type</b> All 2HB and 2HA models All 2RB and 2RA models					-YP -DM					
<b>Screw diameter / screw lead</b> 16 mm / 5 mm (only possible for 2HBE10 and 2RBE12) 16 mm / 10 mm (only possible for 2HBE10 and 2RBE12) 20 mm / 5 mm (only possible for 2RBE16) 20 mm / 10 mm (only possible for 2RBE16) 20 mm / 20 mm (only possible for 2RBE16) 25 mm / 5 mm (only possible for 2HBE20) 25 mm / 10 mm (only possible for 2HBE20) 25 mm / 25 mm (only possible for 2HBE20) For non driven units						G H I J K L M N W				
<b>Hyphen</b>							-			
<b>Drive shaft configuration</b> NEMA configuration For non driven units								N W		
<b>Options</b> None Bellows (bellows reduce the stroke by app. 28 %). Shrouds (only possible for 2HB and 2HA)									- B S	
<b>Ordering length in mm (L)</b> (for available standard lengths, see Standard order length tables on the product data pages).										L ••••

## Ordering keys

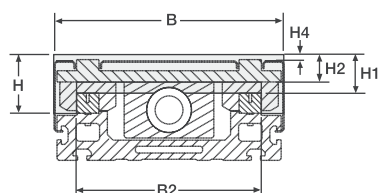
### Accuslide, Superslide - belt driven units

Designation example	2H	E	E	20	-ZP	X	-	Q	-	L1405
<b>Unit type</b> Accuslide Superslide	2H 2R									
<b>Drive type</b> Belt		E								
<b>Engineering unit and origin</b> Metric version produced in the EU			E							
<b>Size</b> Accuslide profile width 100 mm, ball guide size 10 Accuslide profile width 200 mm, ball guide size 20 Superslide profile width 130 mm, ball bushing diam. 12 Superslide profile width 160 mm, ball bushing diam. 16				10 20 12 16						
<b>Bearing block, type of support and carriage type</b> All 2HE models All 2RE models					-ZP -EM					
<b>Gear head type / gear ratio</b> Without gear head / ratio 1:1 (standard for EU produced units) Micron gear NEMA 23 / 1:1 (only possible for 2HEE10, 2REE12 and 2REE16)* Micron gear NEMA 23 / 3:1 (only possible for 2HEE10, 2REE12 and 2REE16)* Micron gear NEMA 23 / 5:1 (only possible for 2HEE10, 2REE12 and 2REE16)* Micron gear NEMA 23 / 10:1 (only possible for 2HEE10, 2REE12 and 2REE16)* Micron gear NEMA 34 / 1:1 (only possible for 2HEE20)* Micron gear NEMA 34 / 3:1 (only possible for 2HEE20)* Micron gear NEMA 34 / 5:1 (only possible for 2HEE20)* Micron gear NEMA 34 / 10:1 (only possible for 2HEE20)*						X A B C D E F G H				
<b>Hyphen</b>							-			
<b>Drive shaft configuration</b> Shaft on left side Shaft on right side								Q R		
<b>Options</b> None Bellows (bellows reduce the stroke by app. 28 %). Shrouds (only possible for 2HE)									- B S	
<b>Ordering length in mm (L)</b> (for available standard lengths, see Standard order length tables on the product data pages).										L....

\* Please specify your motor when ordering a unit equipped with Micron gear.

## Accessories

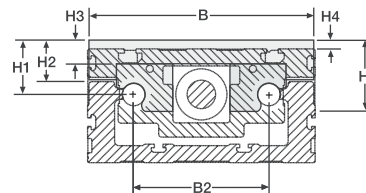
### Protective bellows for Accuslide units\*



	2H•E10	2H•E20
	BEL-2H-10	BEL-2H-20
B	103	199
B2	81	167
H	26	48
H1	11	30
H2	10	15
H4	0	5

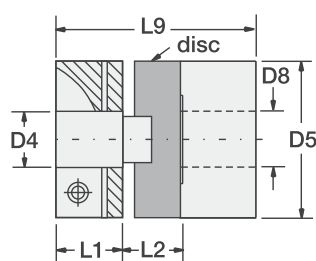
\* Bellows normally comes assembled from the factory and is then ordered by stating the proper designation code at the order of the unit. If ordering bellows separately, please state above part number and the length (L) of the unit to get correct length of the bellows. Keep in mind that bellows reduce the available stroke by app. 28 %.

### Protective bellows for Superslide units\*



	2R•E12	2R•E16
	BEL-2R-12	BEL-2R-16
B	128	158
B2	75	95
H	48	52
H1	37	42,6
H2	29	30
H3	15	15
H4	12	10

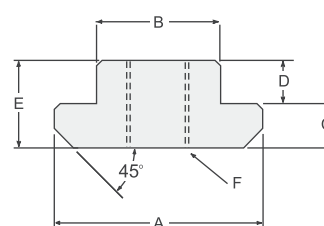
### Aluminium coupling with clamp attachment and Acetal disc (Oldham type)



Couplings used to mount NEMA frame size motors to metric Accuslide and Superslide units.

p/n	MCM-OLD-08-23	MCM-OLD-10-23	MCM-OLD-14-34
D5	25,4	25,4	41,3
D4	6,35	6,35	9,53
D8	8	10	14
L1	11,6	11,6	15,0
L2	9,2	9,2	18,0
L9	32,4	32,4	48,0
Max. torque [Nm]	3,4	3,4	9,0

### T-nuts



For unit type	2R•E12 2H•E10 2H•E20	2R•E16 2H•E10	2R•E12 2R•E16	2R•E12 2R•E16	2R•E16 2H•E20
p/n	D16965-A-01	D16965-A-02-M4	D16965-A-03-M4	D16965-A-03-M5	D18063-A-04-M6
A	7	9,5	12	12	16,5
B	4	5,5	7	7	7,9
C	1,75	2,25	2,5	2,5	4,8
D	1,25	1,75	2,5	2,5	1,2
E	3	4	5	5	6
F	M3	M4	M4	M5	M6