

# LINEAR MOTORS P01-48x240



- ✓ Highly dynamic drives
- ✓ Wide stroke range
- ✓ Available with rotatable connector
- ✓ Optional with air cooling
- ✓ Wide range of applications in handling modules as well as in plant and machine construction

**LINEAR MOTORS P01-48x240****Technical Data** ..... **319****Motor Specifications**P01-48x240/30x180 ..... **323**P01-48x240/90x240 ..... **324**P01-48x240/180x330 ..... **325**P01-48x240/300x450 ..... **326**P01-48x240/390x540 ..... **327**P01-48x240/480x630 ..... **328**P01-48x240/600x750 ..... **329**P01-48x240/690x840 ..... **330**P01-48x240/900x1050 ..... **331**P01-48x240/1080x1230 ..... **332**P01-48x240/1290x1440 ..... **333**P01-48x240/1500x1650 ..... **334**P01-48x240/1680x1830 ..... **335****Linear Guides** ..... **336****Accessories** ..... **338**



## MOTOR FAMILY P01-48x240

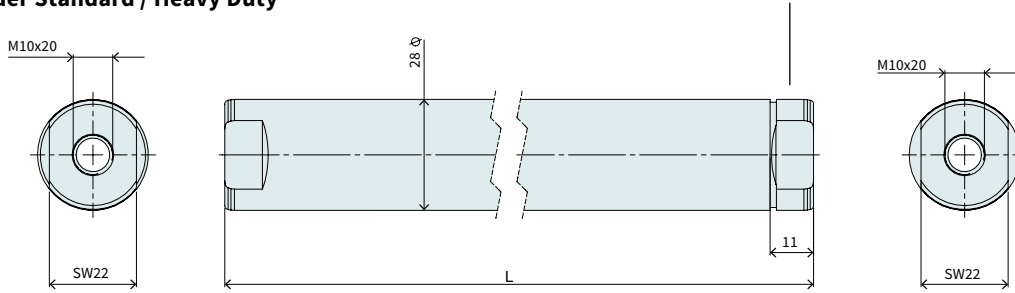
Technical Data				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	≤ 1680	(≤ 66.1)
Extended Stroke (ES)	mm	(in)	≤ 1830	(≤ 72)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	497	(112)
Max. Force @ 72VDC	N	(lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%		≤ 69	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s	(in/s)	1.6	(66.9)
<b>Position Detection</b>				
Position Resolution	mm	(in)	0.007	(0.0003)
Repeatability	mm	(in)	±0.05	(±0.002)
Position Resolution with ES	mm	(in)	0.001	(0.00004)
Repeatability with ES	mm	(in)	±0.01	(±0.0004)
Linearity with ES	mm	(in)	±0.01	(±0.0004)
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		12.6	
Max. Current @ 72VDC	A <sub>pk</sub>		14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -	
Terminal Resistance 25 °C / 120 °C	Ohm		3.1 / 4.2	
Terminal Inductivity	mH		3	
Magnetic Period	mm	(in)	60	(2.35)
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -	
<b>Mechanical Data</b>				
Stator Diameter	mm	(in)	48	(1.9)
Stator Length [Connector type / Cable type]	mm	(in)	289.5	(11)
Stator Mass	g	(lb)	1930	(4.25)
Slider Diameter	mm	(in)	28	(1.1)
Slider Length	mm	(in)	350 - 2000	(14 - 79)
Slider Mass	g	(lb)	1460 - 9140	(3.21 - 20.1)
IP Code			IP 65	



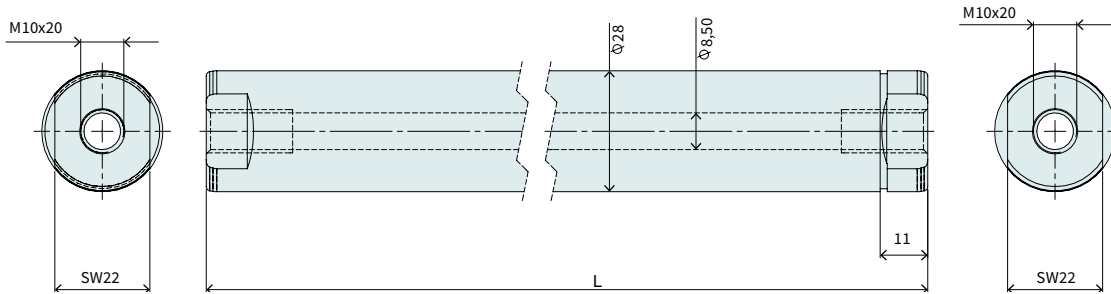
**SLIDER**

Number of grooves determines the slider type (see chapter 2 / slider) and marks the front end.

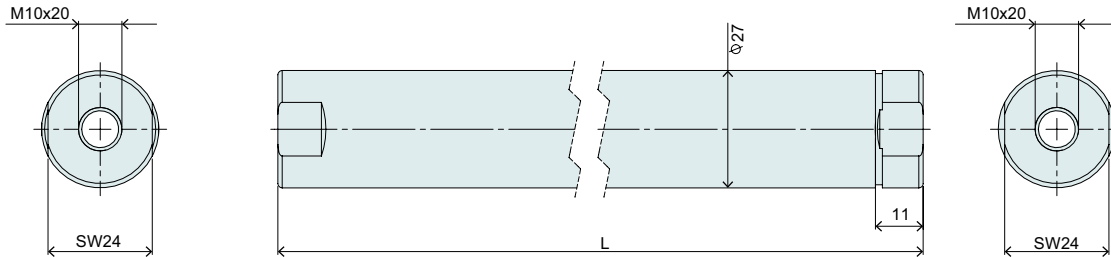
**Slider Standard / Heavy Duty**



**Hollow slider**



**High-Clearance Slider**



Slider Standard				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-28x350/270	Slider 'standard'	180	30	<a href="#">0150-1380</a>
PL01-28x410/330	Slider 'standard'	240	90	<a href="#">0150-1381</a>
PL01-28x500/420	Slider 'standard'	330	180	<a href="#">0150-1382</a>
PL01-28x620/540	Slider 'standard'	450	300	<a href="#">0150-1383</a>
PL01-28x710/630	Slider 'standard'	540	390	<a href="#">0150-1384</a>
PL01-28x800/720	Slider 'standard'	630	480	<a href="#">0150-1385</a>
PL01-28x920/840	Slider 'standard'	750	600	<a href="#">0150-1386</a>
PL01-28x1010/930	Slider 'standard'	840	690	<a href="#">0150-1387</a>
PL01-28x1220/1140	Slider 'standard'	1050	900	<a href="#">0150-1388</a>
PL01-28x1400/1320	Slider 'standard'	1230	1080	<a href="#">0150-1389</a>
PL01-28x1610/1530	Slider 'standard'	1440	1290	<a href="#">0150-1390</a>
PL01-28x1820/1740	Slider 'standard'	1650	1500	<a href="#">0150-1395</a>
PL01-28x2000/1920	Slider 'standard'	1830	1680	<a href="#">0150-1396</a>

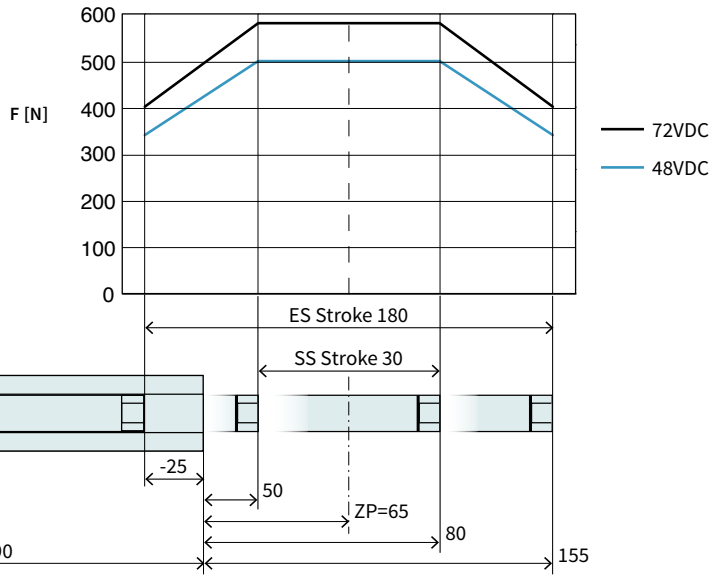
Slider Heavy Duty				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL02-28x350/270	Slider 'heavy duty'	180	30	<a href="#">0150-1411</a>
PL02-28x410/330	Slider 'heavy duty'	240	90	<a href="#">0150-1412</a>
PL02-28x500/420	Slider 'heavy duty'	330	180	<a href="#">0150-1413</a>
PL02-28x620/540	Slider 'heavy duty'	450	300	<a href="#">0150-1414</a>
PL02-28x710/630	Slider 'heavy duty'	540	390	<a href="#">0150-1415</a>
PL02-28x800/720	Slider 'heavy duty'	630	480	<a href="#">0150-1416</a>
PL02-28x920/840	Slider 'heavy duty'	750	600	<a href="#">0150-1417</a>

Slider Hollow slider				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-28x350/270	Slider 'standard L'	180	30	<a href="#">0150-1475</a>
PL01-28x410/330	Slider 'standard L'	240	90	<a href="#">0150-1476</a>
PL01-28x500/420	Slider 'standard L'	330	180	<a href="#">0150-1480</a>
PL01-28x620/540	Slider 'standard L'	450	300	<a href="#">0150-1481</a>
PL01-28x710/630	Slider 'standard L'	540	390	<a href="#">0150-1482</a>
PL01-28x800/720	Slider 'standard L'	630	480	<a href="#">0150-1483</a>
PL01-28x920/840	Slider 'standard L'	750	600	<a href="#">0150-1484</a>

High-Clearance Slider				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-27x350/270	Slider 'high clearance'	180	30	<a href="#">0150-1467</a>
PL01-27x410/330	Slider 'high clearance'	240	90	<a href="#">0150-1468</a>
PL01-27x500/420	Slider 'high clearance'	330	180	<a href="#">0150-1469</a>
PL01-27x620/540	Slider 'high clearance'	450	300	<a href="#">0150-1470</a>
PL01-27x710/630	Slider 'high clearance'	540	390	<a href="#">0150-1471</a>

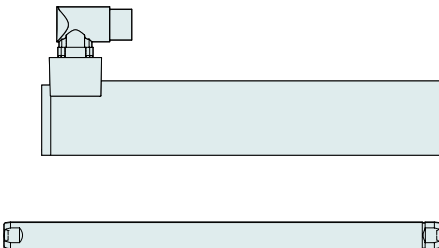
**P01-48x240/30x180**

**Max. Stroke:** 180 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/30x180				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	30	(1.17)
Extended Stroke (ES)	mm	(in)	180	(7.08)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	497	(112)
Max. Force @ 72VDC	N	(lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%		69	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s	(in/s)	1.6	(66.9)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.5	
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		12.6	
Max. Current @ 72VDC	A <sub>pk</sub>		14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	350	(14)
Slider Mass	g	(lb)	1460	(3.21)

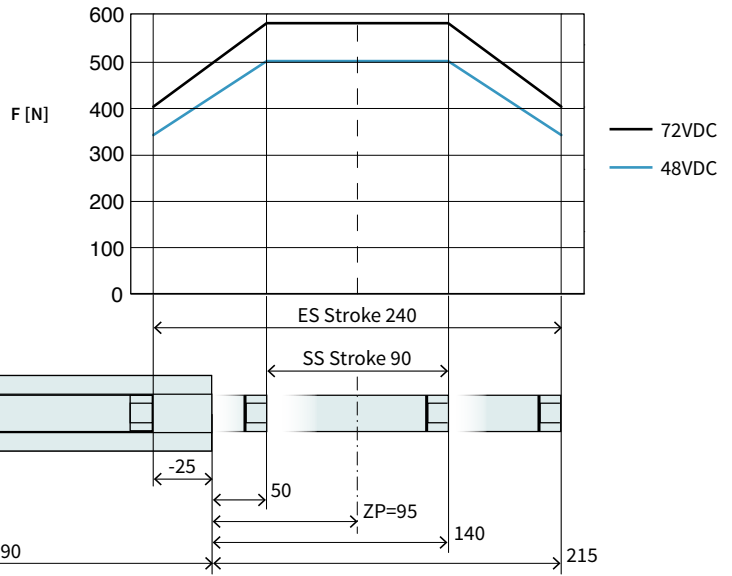


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x350/270</b>	Slider 'standard'	<a href="#">0150-1380</a>
<b>PL02-28x350/270</b>	Slider 'heavy duty'	<a href="#">0150-1411</a>
<b>PL01-28x350/270-L*</b>	Slider 'standard L'	<a href="#">0150-1475</a>
<b>PL01-27x350/270*</b>	Slider 'high clearance'	<a href="#">0150-1467</a>

\* With this slider, the motor specifications above change.

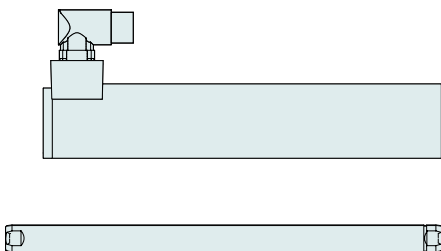
**P01-48x240/90x240**

**Max. Stroke:** 240 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/90x240			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	90 (3.53)	
Extended Stroke (ES)	mm (in)	240 (9.44)	
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	497 (112)	
Max. Force @ 72VDC	N (lbf)	585 (132)	
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	140 / 250 / - (32 / 56 / -)	
Max. Border Force relative	%	69	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	39 (8.77)	
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	1.1 (44.9)	
Max. Velocity @ 72VDC	m/s (in/s)	1.6 (66.9)	
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05 (±0.002)	
Linearity	%	± 0.4	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	12.6	
Max. Current @ 72VDC	A <sub>pk</sub>	14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	3.6 / 6.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	970 / 320 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	410 (16)	
Slider Mass	g (lb)	1740 (3.83)	



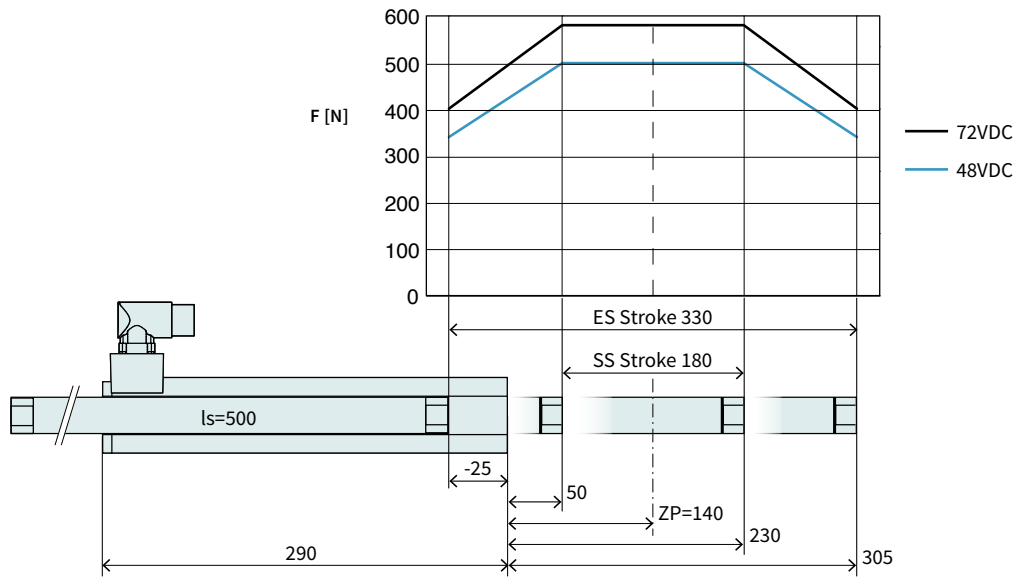
Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x410/330</b>	Slider 'standard'	<a href="#">0150-1381</a>
<b>PL02-28x410/330</b>	Slider 'heavy duty'	<a href="#">0150-1412</a>
<b>PL01-28x410/330-L*</b>	Slider 'standard L'	<a href="#">0150-1476</a>
<b>PL01-27x410/330*</b>	Slider 'high clearance'	<a href="#">0150-1468</a>

\* With this slider, the motor specifications above change.



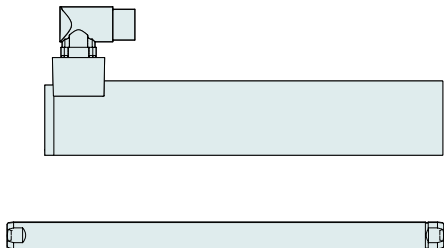
**P01-48x240/180x330**

**Max. Stroke:** 330 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/180x330			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	180 (7.08)	
Extended Stroke (ES)	mm (in)	330 (12.99)	
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	497 (112)	
Max. Force @ 72VDC	N (lbf)	585 (132)	
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%	69	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s (in/s)	1.6	(66.9)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.35	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	12.6	
Max. Current @ 72VDC	A <sub>pk</sub>	14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	3.6 / 6.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	970 / 320 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	500	(20)
Slider Mass	g (lb)	2160	(4.75)

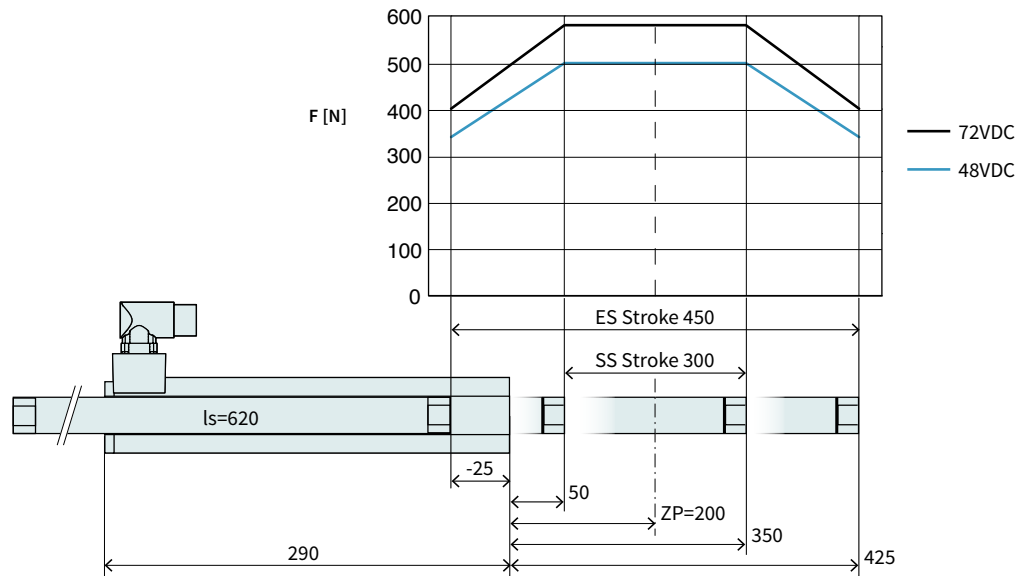


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x500/420</b>	Slider 'standard'	<a href="#">0150-1382</a>
<b>PL02-28x500/420</b>	Slider 'heavy duty'	<a href="#">0150-1413</a>
<b>PL01-28x500/420-L*</b>	Slider 'standard L'	<a href="#">0150-1480</a>
<b>PL01-27x500/420*</b>	Slider 'high clearance'	<a href="#">0150-1469</a>

\* With this slider, the motor specifications above change.

**P01-48x240/300x450**

**Max. Stroke:** 450 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/300x450

Stroke			
Standard Stroke (SS)	mm (in)		300 (11.8)
Extended Stroke (ES)	mm (in)		450 (17.69)
Force			
Max. Force @ 48VDC	N (lbf)		497 (112)
Max. Force @ 72VDC	N (lbf)		585 (132)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)		140 / 250 / - (32 / 56 / -)
Max. Border Force relative	%		69
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		39 (8.77)
Velocity			
Max. Velocity @ 48VDC	m/s (in/s)		1.1 (44.9)
Max. Velocity @ 72VDC	m/s (in/s)		1.6 (66.9)
Position Detection			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.25
Electrical Data			
Max. Current @ 48VDC	A <sub>pk</sub>		12.6
Max. Current @ 72VDC	A <sub>pk</sub>		14.9
Max. Cont. Current [Passive cooling/ Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -
Thermal Data			
Max. Winding Temperature (Sensor)	°C		90
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -
Mechanical Data			
Slider Length	mm (in)		620 (24)
Slider Mass	g (lb)		2720 (5.98)

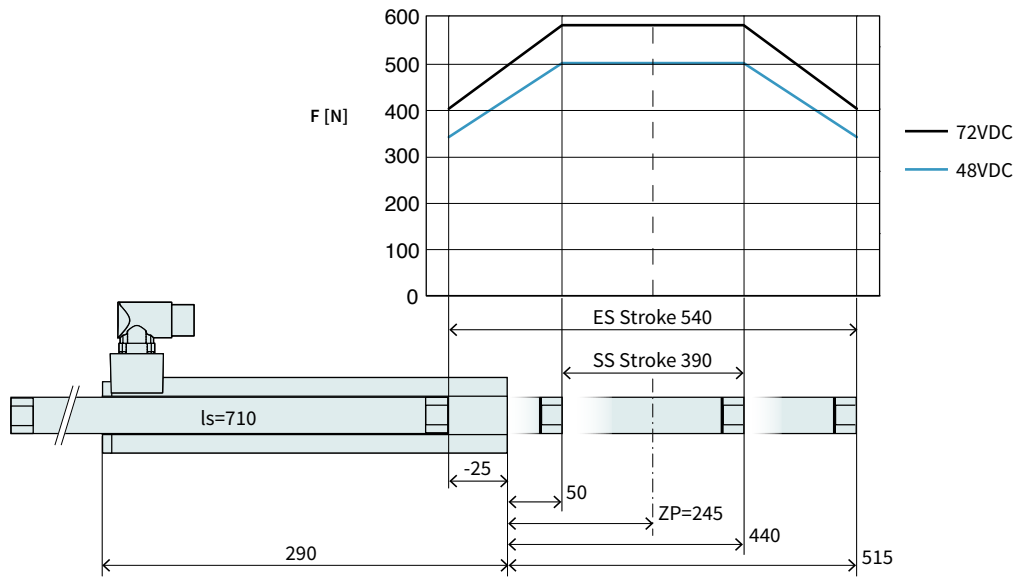


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x620/540</b>	Slider 'standard'	<a href="#">0150-1383</a>
<b>PL02-28x620/540</b>	Slider 'heavy duty'	<a href="#">0150-1414</a>
<b>PL01-28x620/540-L*</b>	Slider 'standard L'	<a href="#">0150-1481</a>
<b>PL01-27x620/540*</b>	Slider 'high clearance'	<a href="#">0150-1470</a>

\* With this slider, the motor specifications above change.

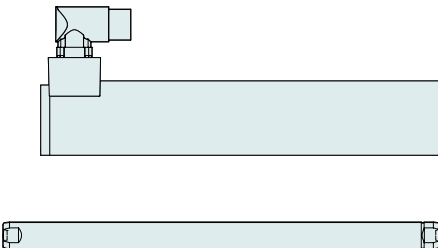
**P01-48x240/390x540**

**Max. Stroke:** 540 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/390x540				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	390	(15.4)
Extended Stroke (ES)	mm	(in)	540	(21.3)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	497	(112)
Max. Force @ 72VDC	N	(lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%		69	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s	(in/s)	1.6	(66.9)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.25	
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		12.6	
Max. Current @ 72VDC	A <sub>pk</sub>		14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	710	(28)
Slider Mass	g	(lb)	3140	(6.91)



Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>

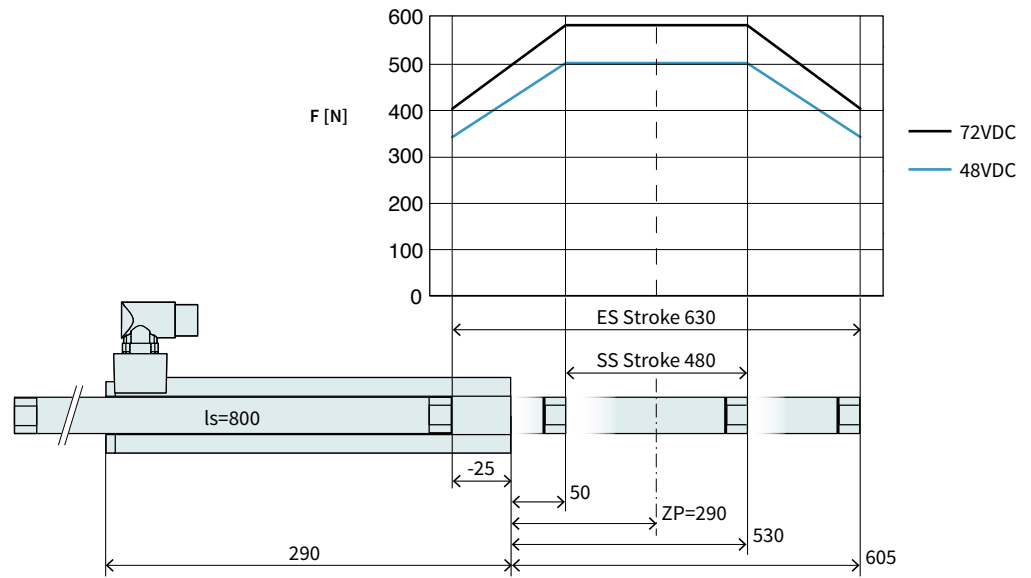
<b>PL01-28x710/630</b>	Slider 'standard'	<a href="#">0150-1384</a>
<b>PL02-28x710/630</b>	Slider 'heavy duty'	<a href="#">0150-1415</a>
<b>PL01-28x710/630-L*</b>	Slider 'standard L'	<a href="#">0150-1482</a>
<b>PL01-27x710/630*</b>	Slider 'high clearance'	<a href="#">0150-1471</a>

\* With this slider, the motor specifications above change.

**P01-48x240/480x630**

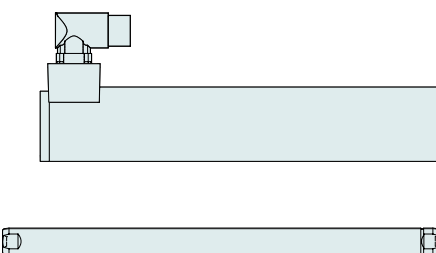
3

**Max. Stroke:** 630 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/480x630			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	480	(18.89)
Extended Stroke (ES)	mm (in)	630	(24.8)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	497	(112)
Max. Force @ 72VDC	N (lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%	69	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s (in/s)	1.6	(66.9)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.2	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	12.6	
Max. Current @ 72VDC	A <sub>pk</sub>	14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	3.6 / 6.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	970 / 320 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	800	(31)
Slider Mass	g (lb)	3560	(7.83)

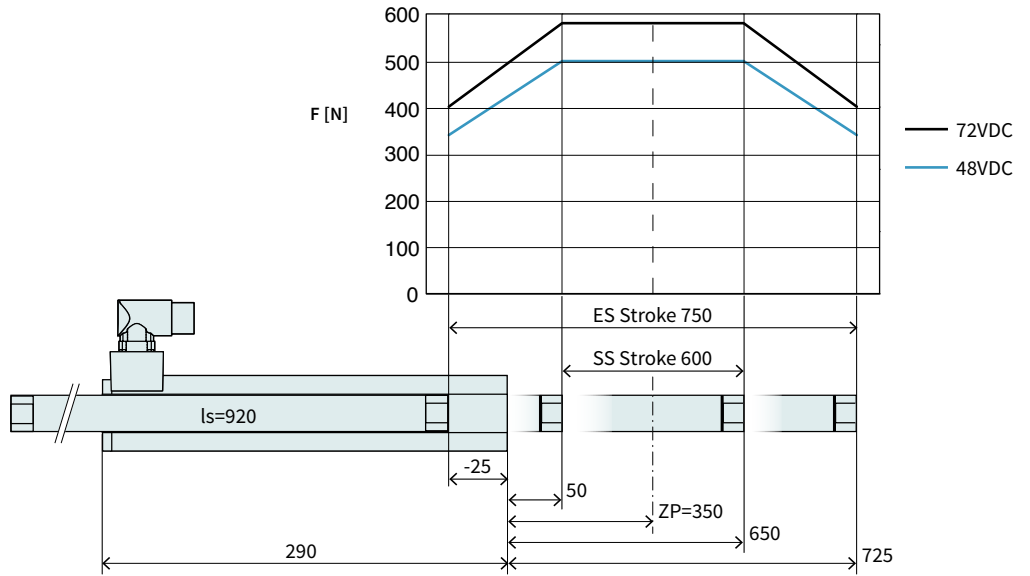


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x800/720</b>	Slider 'standard'	<a href="#">0150-1385</a>
<b>PL02-28x800/720</b>	Slider 'heavy duty'	<a href="#">0150-1416</a>
<b>PL01-28x800/720-L*</b>	Slider 'standard L'	<a href="#">0150-1483</a>

\* With this slider, the motor specifications above change.

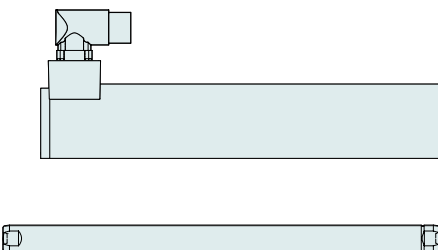
**P01-48x240/600x750**

**Max. Stroke:** 750 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/600x750				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	600	(23.6)
Extended Stroke (ES)	mm	(in)	750	(29.49)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	497	(112)
Max. Force @ 72VDC	N	(lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%		69	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s	(in/s)	1.6	(66.9)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.2	
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		12.6	
Max. Current @ 72VDC	A <sub>pk</sub>		14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	920	(36)
Slider Mass	g	(lb)	4120	(9.06)

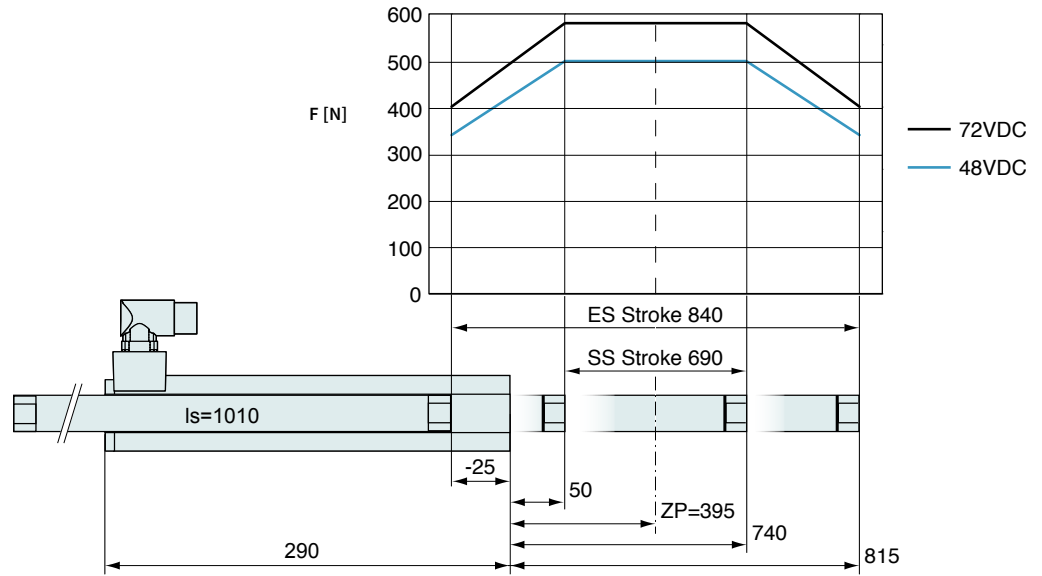


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x920/840</b>	Slider 'standard'	<a href="#">0150-1386</a>
<b>PL02-28x920/840</b>	Slider 'heavy duty'	<a href="#">0150-1417</a>
<b>PL01-28x920/840-L*</b>	Slider 'standard L'	<a href="#">0150-1484</a>

\* With this slider, the motor specifications above change.

**P01-48x240/690x840**

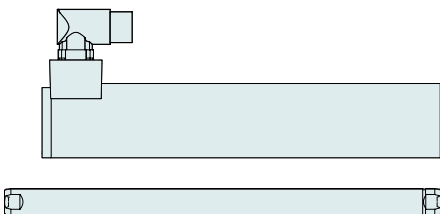
**Max. Stroke:** 840 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/690x840

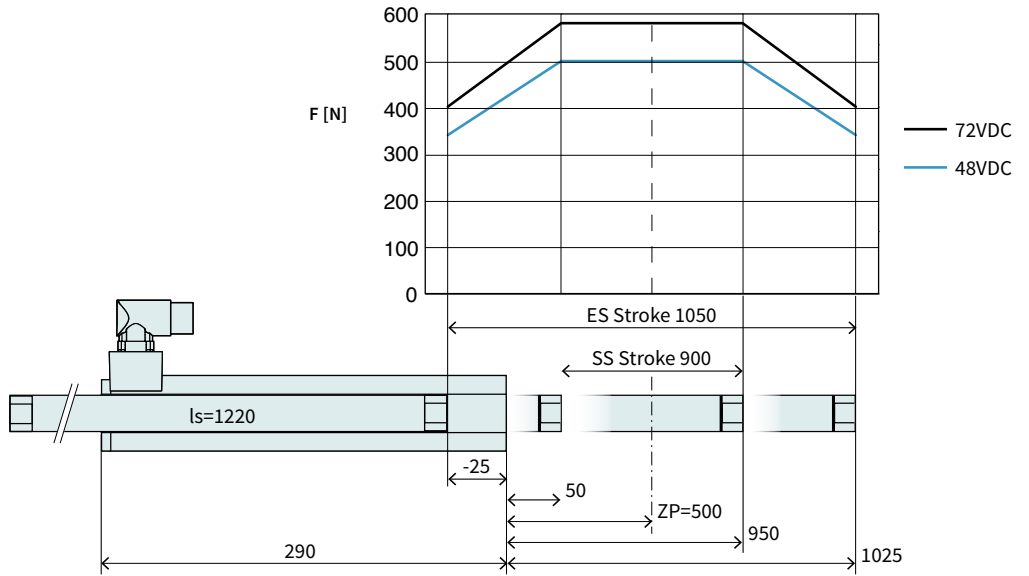
Stroke			
Standard Stroke (SS)	mm (in)		690 (27.19)
Extended Stroke (ES)	mm (in)		840 (33.1)
Force			
Max. Force @ 48VDC	N (lbf)		497 (112)
Max. Force @ 72VDC	N (lbf)		585 (132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		140 / 250 / - (32 / 56 / -)
Max. Border Force relative	%		69
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		39 (8.77)
Velocity			
Max. Velocity @ 48VDC	m/s (in/s)		1.1 (44.9)
Max. Velocity @ 72VDC	m/s (in/s)		1.6 (66.9)
Position Detection			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.2
Electrical Data			
Max. Current @ 48VDC	A <sub>pk</sub>		12.6
Max. Current @ 72VDC	A <sub>pk</sub>		14.9
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -
Thermal Data			
Max. Winding Temperature (Sensor)	°C		90
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -
Mechanical Data			
Slider Length	mm (in)		1010 (40)
Slider Mass	g (lb)		4540 (10)



Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x1010/930</b>	Slider 'standard'	<a href="#">0150-1387</a>

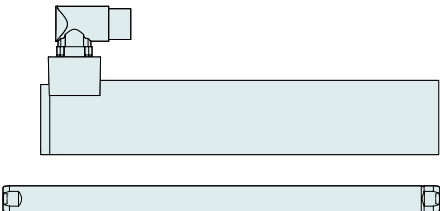
**P01-48x240/900x1050**

**Max. Stroke:** 1050 mm  
**Peak Force:** 585 N



Dimensions in mm

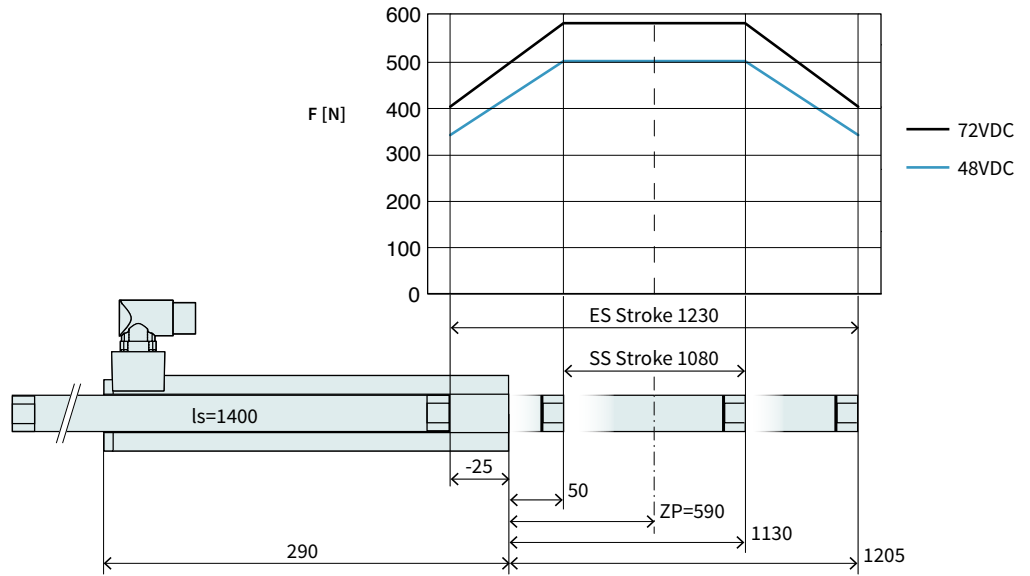
Technical Data P01-48x240/900x1050			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	900 (35.39)	
Extended Stroke (ES)	mm (in)	1050 (41.29)	
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	497 (112)	
Max. Force @ 72VDC	N (lbf)	585 (132)	
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	140 / 250 / - (32 / 56 / -)	
Max. Border Force relative	%	69	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	39 (8.77)	
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	1.1 (44.9)	
Max. Velocity @ 72VDC	m/s (in/s)	1.6 (66.9)	
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05 (±0.002)	
Linearity	%	± 0.15	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	12.6	
Max. Current @ 72VDC	A <sub>pk</sub>	14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	3.6 / 6.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	970 / 320 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	1220 (48)	
Slider Mass	g (lb)	5510 (12.12)	



Item	Description	Item-No.
PS01-48x240-C	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
PL01-28x1220/1140	Slider 'standard'	<a href="#">0150-1388</a>

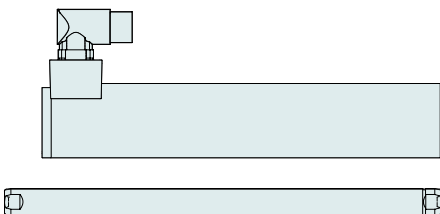
**P01-48x240/1080x1230**

**Max. Stroke:** 1230 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/1080x1230				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	1080	(42.49)
Extended Stroke (ES)	mm	(in)	1230	(48.39)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	497	(112)
Max. Force @ 72VDC	N	(lbf)	585	(132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative			%	
			69	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	39	(8.77)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	1.1	(44.9)
Max. Velocity @ 72VDC	m/s	(in/s)	1.6	(66.9)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity			%	
			± 0.15	
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		12.6	
Max. Current @ 72VDC	A <sub>pk</sub>		14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)			°C	
			90	
Thermal Resistance [Passive cooling / Fan / Fluid]			°K/W	
			0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]			s	
			970 / 320 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	1400	(55)
Slider Mass	g	(lb)	6350	(13.97)

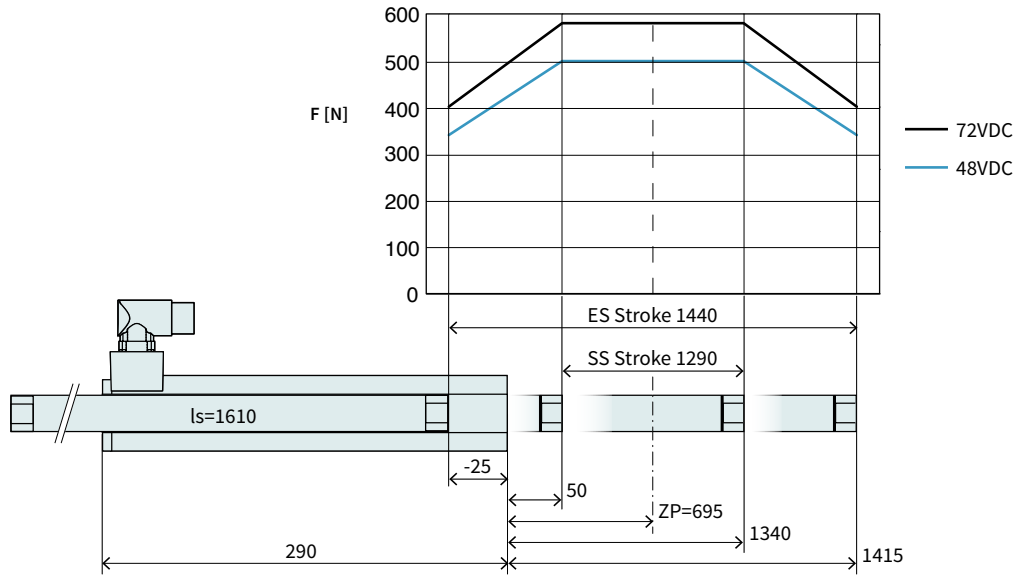


Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x1400/1320</b>	Slider 'standard'	<a href="#">0150-1389</a>



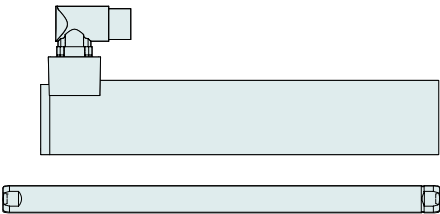
**P01-48x240/1290x1440**

**Max. Stroke:** 1440 mm  
**Peak Force:** 585 N



Dimensions in mm

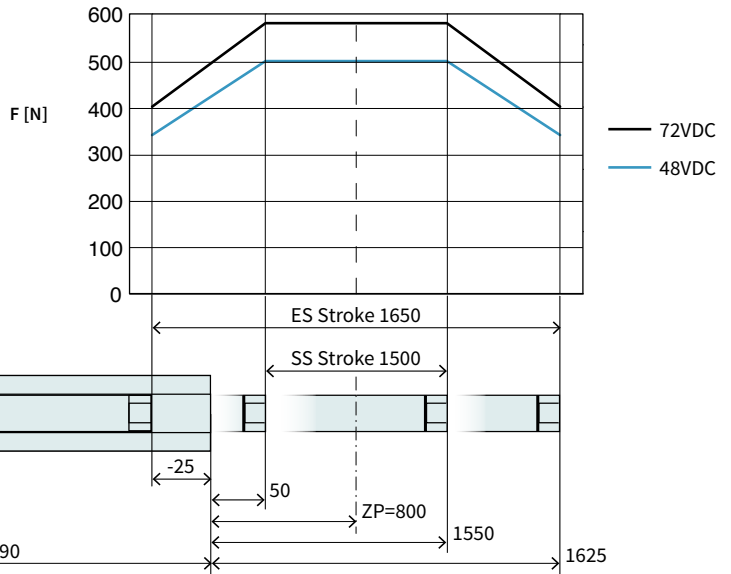
Technical Data P01-48x240/1290x1440			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)		1290 (50.79)
Extended Stroke (ES)	mm (in)		1440 (56.7)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)		497 (112)
Max. Force @ 72VDC	N (lbf)		585 (132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		140 / 250 / - (32 / 56 / -)
Max. Border Force relative	%		69
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		39 (8.77)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)		1.1 (44.9)
Max. Velocity @ 72VDC	m/s (in/s)		1.6 (66.9)
<b>Position Detection</b>			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.15
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>		12.6
Max. Current @ 72VDC	A <sub>pk</sub>		14.9
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C		90
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -
<b>Mechanical Data</b>			
Slider Length	mm (in)		1610 (63)
Slider Mass	g (lb)		7330 (16.13)



Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x1610/1530</b>	Slider 'standard'	<a href="#">0150-1390</a>

**P01-48x240/1500x1650**

**Max. Stroke:** 1650 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/1500x1650

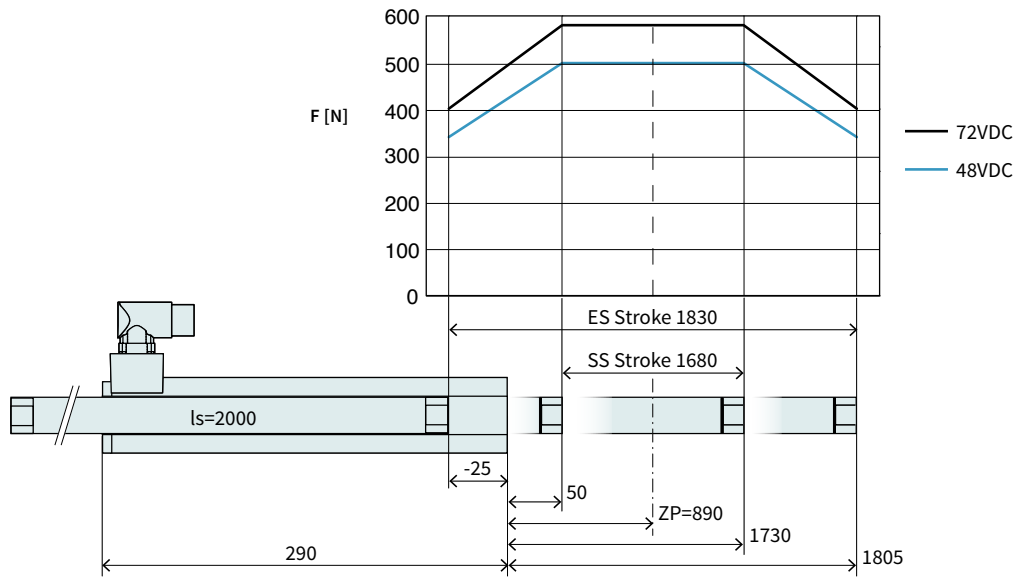
Stroke			
Standard Stroke (SS)	mm (in)	1500 (59.1)	
Extended Stroke (ES)	mm (in)	1650 (64.99)	
Force			
Max. Force @ 48VDC	N (lbf)	497 (112)	
Max. Force @ 72VDC	N (lbf)	585 (132)	
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	140 / 250 / -	(32 / 56 / -)
Max. Border Force relative	%	69	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	39 (8.77)	
Velocity			
Max. Velocity @ 48VDC	m/s (in/s)	1.1 (44.9)	
Max. Velocity @ 72VDC	m/s (in/s)	1.6 (66.9)	
Position Detection			
Repeatability	mm (in)	±0.05 (±0.002)	
Linearity	%	± 0.15	
Electrical Data			
Max. Current @ 48VDC	A <sub>pk</sub>	12.6	
Max. Current @ 72VDC	A <sub>pk</sub>	14.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	3.6 / 6.4 / -	
Thermal Data			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.95 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	970 / 320 / -	
Mechanical Data			
Slider Length	mm (in)	1820 (72)	
Slider Mass	g (lb)	8300 (18.26)	



Item	Description	Item-No.
<b>PS01-48x240-C</b>	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
<b>PL01-28x1820/1740</b>	Slider 'standard'	<a href="#">0150-1395</a>

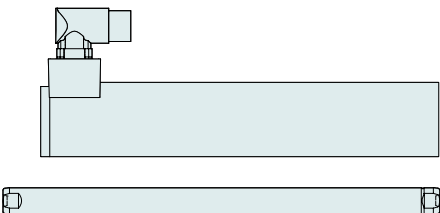
**P01-48x240/1680x1830**

**Max. Stroke:** 1830 mm  
**Peak Force:** 585 N



Dimensions in mm

Technical Data P01-48x240/1680x1830			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)		1680 (66.09)
Extended Stroke (ES)	mm (in)		1830 (71.99)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)		497 (112)
Max. Force @ 72VDC	N (lbf)		585 (132)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		140 / 250 / - (32 / 56 / -)
Max. Border Force relative	%		69
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		39 (8.77)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)		1.1 (44.9)
Max. Velocity @ 72VDC	m/s (in/s)		1.6 (66.9)
<b>Position Detection</b>			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.15
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>		12.6
Max. Current @ 72VDC	A <sub>pk</sub>		14.9
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		3.6 / 6.4 / -
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C		90
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		0.95 / 0.31 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		970 / 320 / -
<b>Mechanical Data</b>			
Slider Length	mm (in)		2000 (79)
Slider Mass	g (lb)		9140 (20.11)



Item	Description	Item-No.
PS01-48x240-C	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1219</a>
PL01-28x2000/1920	Slider 'standard'	<a href="#">0150-1396</a>

**Linear Guides H01**

3



**HM01-48x240/120 | Linear Module 48x240 with 120 mm Stroke**

→	H-Guide	H01-48x250/120	H-Guide for P01-48x240, Stroke max 120mm	<a href="#">0150-5100</a>
		H01-48x250/120-GF	H-Guide for P01-48x240, Stroke max 120mm	<a href="#">0150-5104</a>
→	Sator	PS01-48x240-C	Linearmotor Sator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-28x410/330	Slider Standard for H01-48x250/120	<a href="#">0150-1381</a>

**HM01-48x240/210 | Linear Module 48x240 with 210 mm Stroke**

→	H-Guide	H01-48x250/210	H-Guide for P01-48x240, Stroke max 210mm	<a href="#">0150-5101</a>
		H01-48x250/210-GF	H-Guide for P01-48x240, Stroke max 210mm	<a href="#">0150-5105</a>
→	Sator	PS01-48x240-C	Linearmotor Sator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-28x500/420	Slider Standard for H01-48x250/210	<a href="#">0150-1382</a>

**HM01-48x240/330 | Linear Module 48x240 with 330 mm Stroke**

→	H-Guide	H01-48x250/330	H01 for P01-48x240, 330 mm Stroke, Kugelbüchsen	<a href="#">0150-5102</a>
		H01-48x250/330-GF	H01 for P01-48x240, 330mm Stroke, Gleitlager	<a href="#">0150-5106</a>
→	Sator	PS01-48x240-C	Linearmotor Sator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-28x620/540	Slider Standard for H01-48x250/330	<a href="#">0150-1383</a>

**HM01-48x240/420 | Linear Module 48x240 with 420 mm Stroke**

→	H-Guide	H01-48x250/420	H-Guide for P01-48x240, Stroke max 420mm	<a href="#">0150-5103</a>
		H01-48x250/420-GF	H-Guide for P01-48x240, Stroke max 420mm	<a href="#">0150-5107</a>
→	Sator	PS01-48x240-C	Linearmotor Sator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-28x710/630	Slider Standard for H01-48x250/420	<a href="#">0150-1384</a>

**Accessories**

→	Brake	HB01-48	Pneumatic Brake for H01-48/1000N(4-6Bar)	<a href="#">0150-5098</a>
→	Fan	HV01-37/48	Fan cooling for H01-37/48 & PF02-37/48	<a href="#">0150-5051</a>
→	MagSpring	MF01-37/H37	Flange MagSpring 37 / H-Guide 23/37/48	<a href="#">0250-2307</a>
→		MA01-37/H48	Adapter MagSpring 37 / H-Guide 48	<a href="#">0250-0118</a>
→	Sliding block	PFN01-8/M6	Sliding block 8mm, M6 thread	<a href="#">0250-3245</a>
→	Centering sleeve	HC01-11/05	Centering sleeve D11x5 mm	<a href="#">0150-3252</a>
→	Wipers	HA01-48/28-F	Wiper for H01-48 guides, front side	<a href="#">0150-5109</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "LINEAR GUIDES".

**Bridge Guide B01**



**BM01-48x240/90 | Bridge Module 48x240 with 90 mm Stroke**

→	B-Guide	B01-48x250/90	B-Guide for P01-48x240, Stroke max 90mm	<a href="#">0150-5150</a>
		B01-48x250/90-GF	B-Guide for P01-48x240, Stroke max 90mm	<a href="#">0150-5154</a>
→	Stator	PS01-48x240-C	Linearmotor Stator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-27x410/330	High Clearance Slider for B01-48x250/90	<a href="#">0150-1468</a>

**BM01-48x240/180 | Bridge Module 48x240 with 180 mm Stroke**

→	B-Guide	B01-48x250/180	B-Guide for P01-48x240, Stroke max 180mm	<a href="#">0150-5151</a>
		B01-48x250/180-GF	B-Guide for P01-48x240, Stroke max 180mm	<a href="#">0150-5155</a>
→	Stator	PS01-48x240-C	Linearmotor Stator, Connector C - IP67	<a href="#">0150-1219</a>
→	Slider	PL01-27x500/420	High Clearance Slider for B01-48x250/180	<a href="#">0150-1469</a>

**BM01-48x240/300 | Bridge Module 48x240 with 300 mm Stroke**

→	B-Guide	B01-48x250/300	B-Guide for P01-48x240, Stroke max 300mm	<a href="#">0150-5152</a>
		B01-48x250/300-GF	B-Guide for P01-48x240, Stroke max 300mm	<a href="#">0150-5156</a>
→	Stator	PS01-37x240-C	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1224</a>
→	Slider	PL01-27x620/540	High Clearance Slider for B01-48x250/300	<a href="#">0150-1470</a>

**BM01-48x240/390 | Bridge Module 48x240 with 390 mm Stroke**

→	B-Guide	B01-48x250/390	B-Guide for P01-48x240, Stroke max 390mm	<a href="#">0150-5153</a>
		B01-48x250/390-GF	B-Guide for P01-48x240, Stroke max 390mm	<a href="#">0150-5157</a>
→	Stator	PS01-37x240-C	Stator with IP67 Connector M23/9(m)	<a href="#">0150-1224</a>
→	Slider	PL01-27x710/630	High Clearance Slider for B01-48x250/390	<a href="#">0150-1471</a>

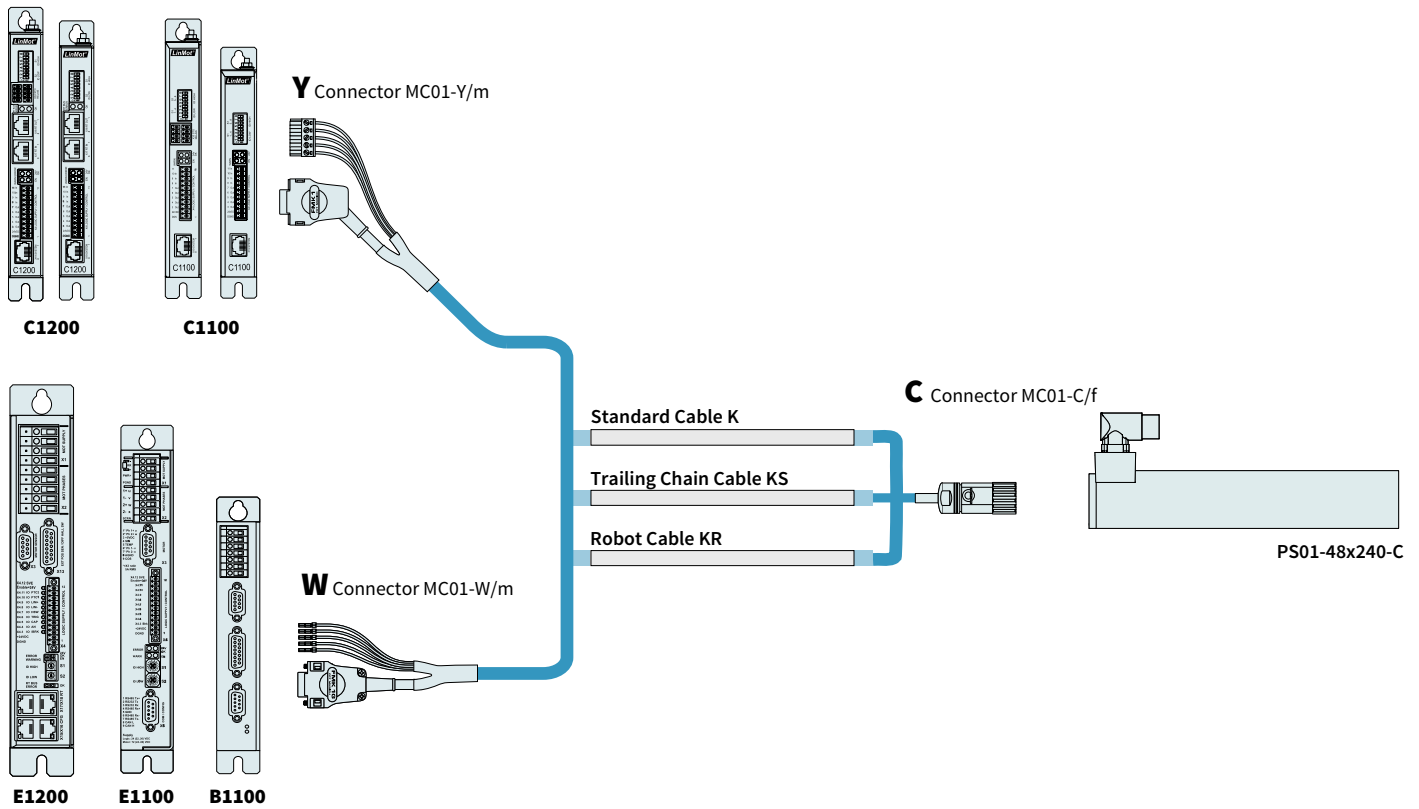
**Accessories**

→	Brake	HB01-48	Pneumatic Brake for H01-48/1000N(4-6Bar)	<a href="#">0150-5098</a>
→	Fan	HV01-37/48	Fan for H01-37 and -48 H-Guideen	<a href="#">0150-5051</a>
→	MagSpring	MF01-37/H37	Flange MagSpring 37 / H-Guide 23/37/48	<a href="#">0250-2307</a>
→		MA01-37/H48	Adapter MagSpring 37 / H-Guide 48	<a href="#">0250-0118</a>
→	Sliding block	PFN01-8/M6	Sliding block 8mm, M6 thread	<a href="#">0250-3245</a>
→	Centering sleeve	HC01-11/05	Centering sleeve D11x5 mm	<a href="#">0150-3252</a>
→	Wipers	HA01-48/27-F	Wiper for H01-48 guides, front side	<a href="#">0150-5178</a>

**FIND MORE PRODUCT DETAILS IN THE CHAPTER "LINEAR GUIDES".**

**Motor Cable**

3



**ORDERING INFORMATION**

STANDARD CABLE

Item	Description	Item-No.
<b>K15-W/C-2</b>	Motor Cable W/C, 2 m	<a href="#">0150-1811</a>
<b>K15-W/C-4</b>	Motor Cable W/C, 4 m	<a href="#">0150-1801</a>
<b>K15-W/C-6</b>	Motor Cable W/C, 6 m	<a href="#">0150-1802</a>
<b>K15-W/C-8</b>	Motor Cable W/C, 8 m	<a href="#">0150-1803</a>
<b>K15-W/C-</b>	Motor Cable W/C, Custom length	<a href="#">0150-3131</a>
<b>K15-Y/C-2</b>	Motor Cable Y/R, 2 m	<a href="#">0150-2429</a>
<b>K15-Y/C-4</b>	Motor Cable Y/R, 4 m	<a href="#">0150-2430</a>
<b>K15-Y/C-6</b>	Motor Cable Y/R, 6 m	<a href="#">0150-2431</a>
<b>K15-Y/C-8</b>	Motor Cable Y/R, 8 m	<a href="#">0150-2432</a>
<b>K15-Y-Fe/C-</b>	Motor Cable Y-Fe/R, Custom length	<a href="#">0150-3506</a>

## TRAILING CHAIN CABLE

Item	Description	Item-No.
<b>KS10-W/C-4</b>	Trailing Chain Cable W/C, 4 m	<a href="#">0150-1807</a>
<b>KS10-W/C-6</b>	Trailing Chain Cable W/C, 6 m	<a href="#">0150-1858</a>
<b>KS10-W/C-8</b>	Trailing Chain Cable W/C, 8 m	<a href="#">0150-1808</a>
<b>KS10-W/C-</b>	Trailing Chain Cable W/C, Custom length	<a href="#">0150-3139</a>
<b>KS10-Y/C-4</b>	Trailing Chain Cable Y/C, 4 m	<a href="#">0150-2439</a>
<b>KS10-Y/C-6</b>	Trailing Chain Cable Y/C, 6 m	<a href="#">0150-2440</a>
<b>KS10-Y/C-8</b>	Trailing Chain Cable Y/C, 8 m	<a href="#">0150-2441</a>
<b>KS10-Y/C-</b>	Trailing Chain Cable Y-Fe/C, Custom length	<a href="#">0150-3511</a>

## ROBOT CABLE

Item	Description	Item-No.
<b>KR10-W/C-</b>	Robot Cable KR10-W/C, Custom length	<a href="#">0150-3199</a>
<b>KR10-Y-Fe/C-</b>	Robot Cable KR10-Y-Fe/C, Custom length	<a href="#">0150-3515</a>

## CONNECTOR &amp; CABLE (INDIVIDUAL)

Item	Description	Item-No.
<b>MC01-W/m</b>	Motor Connector W/m	<a href="#">0150-3140</a>
<b>MC01-Y-Fe/m</b>	Motor Connector Y-Fe/m	<a href="#">0150-3289</a>
<b>MC01-C/f</b>	Motor Connector C/f	<a href="#">0150-3080</a>
<b>MC01-P/f</b>	Motor Connector P/f	<a href="#">0150-3021</a>
<b>K15-04/05</b>	Motor Cable per m	<a href="#">0150-1978</a>
<b>KS10-04/05</b>	Trailing Chain Cable per m	<a href="#">0150-1977</a>
<b>KR10-04/05</b>	Robot Cable per m	<a href="#">0150-1830</a>

**MOTOR FLANGES**

3



Item	Description	Item-No.
PF01-48x120	Flange 48x120 mm	<a href="#">0150-1976</a>
PF01-48x226	Flange 48x226 mm	<a href="#">0150-2108</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**FANS**



Item	Description	Item-No.
HV01-37/48	Fan cooling for H01-37, B01-37 and PF02-37	<a href="#">0150-5051</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**SLIDER MOUNTING**



Item	Description	Item-No.
PLF01-28	Fixed Bearing Set for 27/28 mm sliders	<a href="#">0150-3087</a>
PLF01-28-SS	Fixed Bearing Set for 27/28 mm sliders, stainless steel	<a href="#">0150-3297</a>
PLL01-27	Floating Bearing for 27 mm sliders	<a href="#">0150-3294</a>
PLL01-28	Floating Bearing for 28 mm sliders	<a href="#">0150-3094</a>
PLM01-28-MK	Mounting Kit for PL01-28 Slider	<a href="#">0150-3095</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".



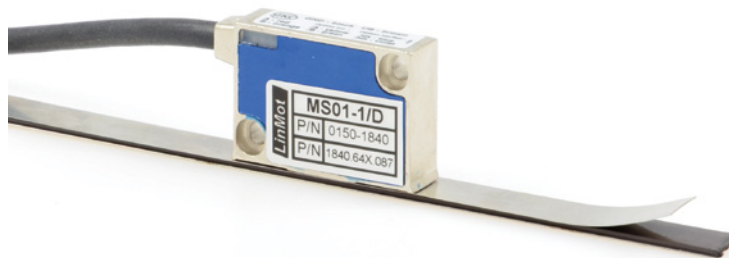
**WIPERS**



Item	Description	Item-No.
<b>PA01-48/27-F</b>	Wiper front side for PS01-48x...	<a href="#">0150-3228</a>
<b>PA01-48/27-R</b>	Wiper back side for PS01-48x...-C	<a href="#">0150-3229</a>
<b>PA01-48/28-F</b>	Wiper front side for PS01-48x...	<a href="#">0150-3127</a>
<b>PA01-48/28-R</b>	Wiper back side for PS01-48x...-C	<a href="#">0150-3202</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**EXTERNAL POSITION SENSORS**



Item	Description	Item-No.
<b>MS01-1/D</b>	Linear Encoder 1µm, A/B (for inc. strip)	<a href="#">0150-1840</a>
<b>MB01-1000</b>	Magnetic incremental strip for MS01-1/D, per cm	<a href="#">0150-1963</a>
<b>KS025-D/D-Encoder</b>	Encoder Cable (Length in m)	<a href="#">0150-3166</a>
<b>KS025-D/D15-Encoder</b>	Encoder Cable (Length in m)	<a href="#">0150-3168</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".



Item	Description	Item-No.
<b>MS01-1/D-SSI</b>	Linear Encoder 1µm, A/B (for absolute strip)	<a href="#">0150-2095</a>
<b>MB01-1000-ABS</b>	Magnetic absolute strip for MS01-1/D-SSI (per cm)	<a href="#">0150-2096</a>
<b>EC01-ABS/ENC-12-S</b>	MS01-1/D-SSI Encoder connector straight	<a href="#">0150-3616</a>
<b>KSS01-12-D15/ABS-ENC</b>	Special cable for MS01-1/D-SSI on C1100/C1200/C1400/E1200/E1400 Drives	<a href="#">0150-3652</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".