

# LINEAR MOTORS P01-37Sx60-HP



- ✓ Short design
- ✓ Integrated mounting flange
- ✓ Integrated mounting flange
- ✓ Free positionable cable outlet
- ✓ For use where space is limited and in multi-axis applications

**LINEAR MOTORS P01-37Sx60-HP****Technical Data** ..... **175****Motor Specifications**P01-37Sx60/20x40-HP ..... **179**P01-37Sx60/60x80-HP ..... **180**P01-37Sx60/100x120-HP ..... **181**P01-37Sx60/160x180-HP ..... **182**P01-37Sx60/220x240-HP ..... **183**P01-37Sx60/260x280-HP ..... **184**P01-37Sx60/360x380-HP ..... **185**P01-37Sx60/460x480-HP ..... **186**P01-37Sx60/560x580-HP ..... **187**P01-37Sx60/660x680-HP ..... **188**P01-37Sx60/760x780-HP ..... **189**P01-37Sx60/860x880-HP ..... **190**P01-37Sx60/1060x1080-HP ..... **191**P01-37Sx60/1260x1280-HP ..... **192**P01-37Sx60/1460x1480-HP ..... **193****Accessories** ..... **194**



Cable outlet -90°



Cable outlet 0°

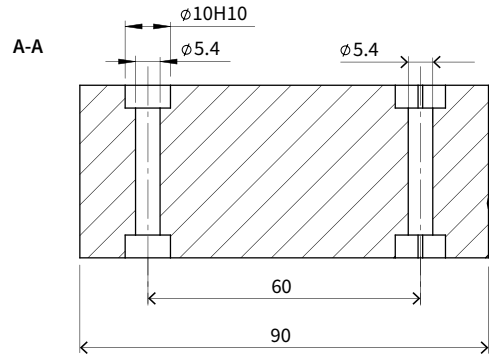
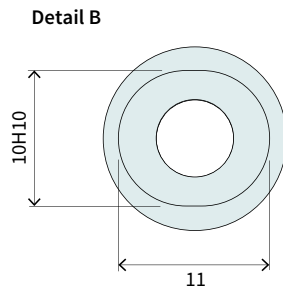
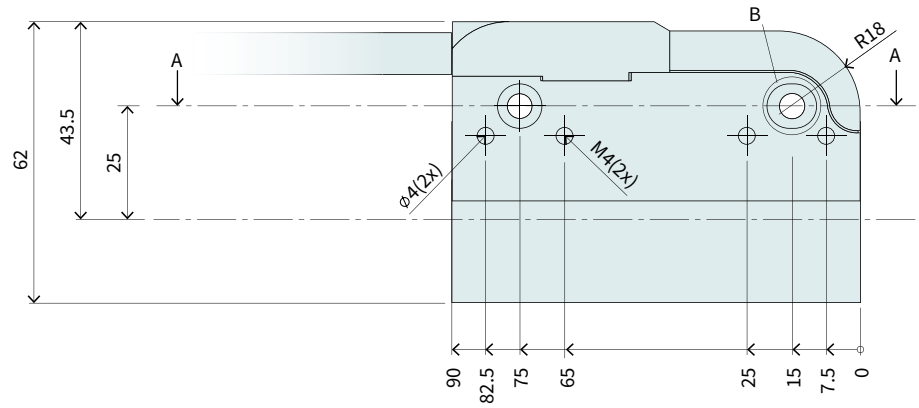
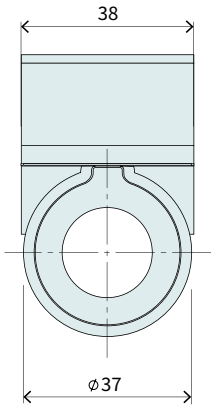


Cable outlet 90°

### MOTOR FAMILY P01-37Sx60-HP

Technical Data				
<b>Stroke</b>				
Standard Stroke (SS)	mm (in)		≤ 1460	(≤ 57.5)
Extended Stroke (ES)	mm (in)		≤ 1480	(≤ 58.3)
<b>Force</b>				
Max. Force @ 48VDC	N (lbf)		128	(28.7)
Max. Force @ 72VDC	N (lbf)		128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%		≤ 83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4	(3.02)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s (in/s)		3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9	(189.9)
<b>Position Detection</b>				
Position Resolution	mm (in)		0.005	(0.0002)
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>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
Terminal Resistance 25 °C / 120 °C	Ohm		3.2 / 4.7	
Terminal Inductivity	mH		1.6	
Magnetic Period	mm (in)		40	(1.57)
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Stator Diameter	mm (in)		37	(1.5)
Stator Length [Connector type / Cable type]	mm (in)		90	(3.5)
Stator Mass	g (lb)		520	(1.14)
Slider Diameter	mm (in)		20	(0.79)
Slider Length	mm (in)		160 - 1600	(6.3 - 63)
Slider Mass	g (lb)		310 - 3620	(0.68 - 7.96)
IP Code			IP 50	

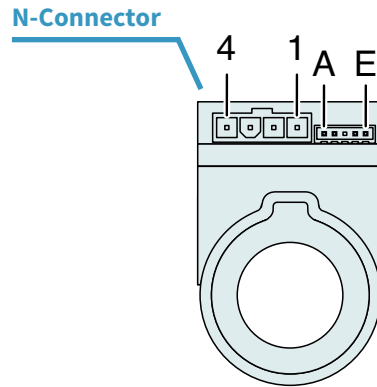
**STATOR**



Item	Description	Item-No.
PS01-37Sx60-HP-N	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>

**CONNECTOR**

Motor Connector Wiring	N-Connector	Wire color motor cable
Phase 1+	Pin 4	red
Phase 1-	Pin 3	pink
Phase 2+	Pin 2	blue
Phase 2-	Pin 1	grey
+5V	Pin A	white
GND	Pin B	Inner Shield
Sensor Sin	Pin C	yellow
Sensor Cos	Pin D	green
Temp Sensor	Pin E	black
Housing		Outer Shield

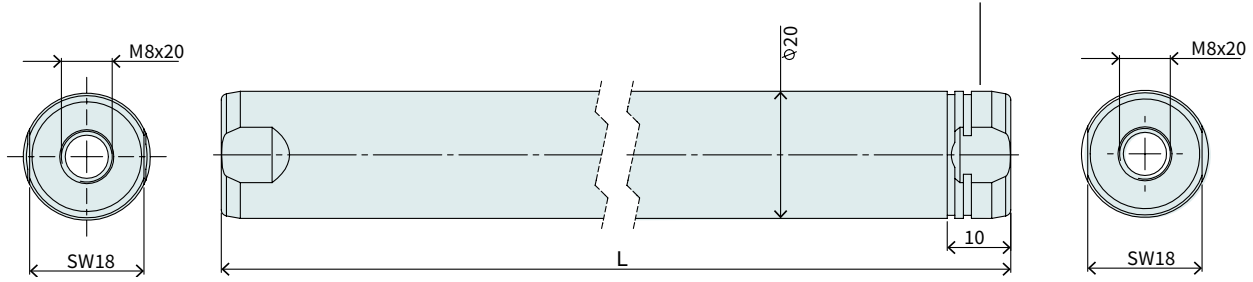


View: Motor Connector, plug side

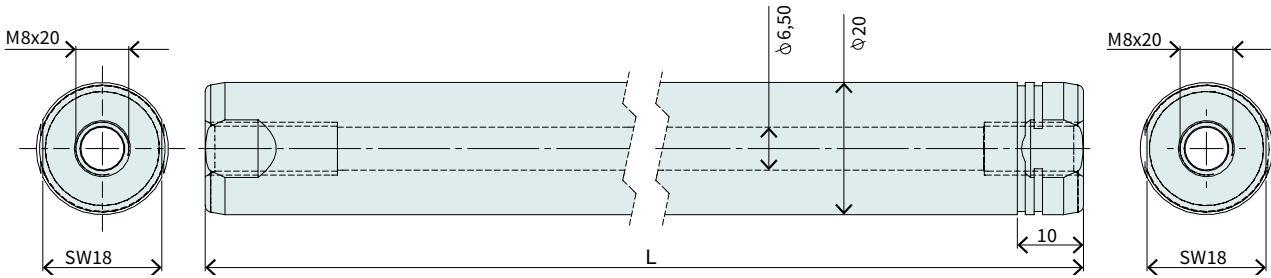
**SLIDER**

**Slider HP / Heavy Duty HP**

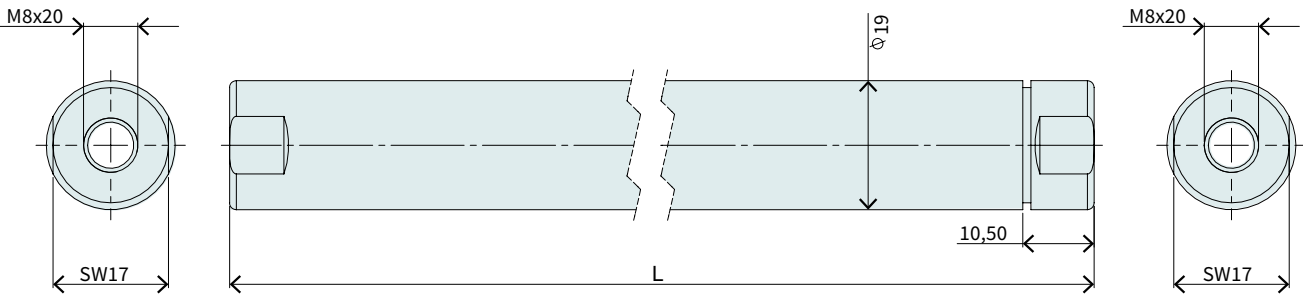
Number of grooves determines the slider type (see chapter 2 / slider) and marks the front end.



**Hollow slider HP**



**High-Clearance Slider**



Slider High Performance				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-20x160/100-HP	Slider 'High Performance'	40	20	<a href="#">0150-2513</a>
PL01-20x200/140-HP	Slider 'High Performance'	80	60	<a href="#">0150-2512</a>
PL01-20x240/180-HP	Slider 'High Performance'	120	100	<a href="#">0150-1505</a>
PL01-20x300/240-HP	Slider 'High Performance'	180	160	<a href="#">0150-1506</a>
PL01-20x360/300-HP	Slider 'High Performance'	240	220	<a href="#">0150-1507</a>
PL01-20x400/340-HP	Slider 'High Performance'	280	260	<a href="#">0150-1508</a>
PL01-20x500/440-HP	Slider 'High Performance'	380	360	<a href="#">0150-1509</a>
PL01-20x600/540-HP	Slider 'High Performance'	480	460	<a href="#">0150-1510</a>
PL01-20x700/640-HP	Slider 'High Performance'	580	560	<a href="#">0150-1511</a>
PL01-20x800/740-HP	Slider 'High Performance'	680	660	<a href="#">0150-1512</a>
PL01-20x900/840-HP	Slider 'High Performance'	780	760	<a href="#">0150-1513</a>
PL01-20x1000/940-HP	Slider 'High Performance'	880	860	<a href="#">0150-1514</a>
PL01-20x1200/1140-HP	Slider 'High Performance'	1080	1060	<a href="#">0150-1515</a>
PL01-20x1400/1340-HP	Slider 'High Performance'	1280	1260	<a href="#">0150-1516</a>
PL01-20x1600/1540-HP	Slider 'High Performance'	1480	1460	<a href="#">0150-1517</a>

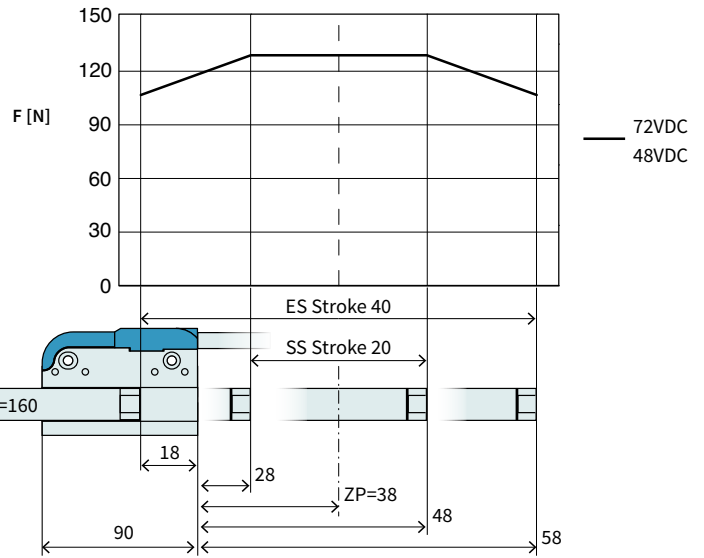
Slider Heavy Duty High Performance				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL02-20x160/100-HP	Slider 'heavy duty' 'High Performance	40	20	on request
PL02-20x200/140-HP	Slider 'heavy duty' 'High Performance	80	60	on request
PL02-20x240/180-HP	Slider 'heavy duty' 'High Performance	120	100	<a href="#">0150-2162</a>
PL02-20x300/240-HP	Slider 'heavy duty' 'High Performance	180	160	<a href="#">0150-2163</a>
PL02-20x360/300-HP	Slider 'heavy duty' 'High Performance	240	220	<a href="#">0150-2164</a>
PL02-20x400/340-HP	Slider 'heavy duty' 'High Performance	280	260	<a href="#">0150-2165</a>
PL02-20x500/440-HP	Slider 'heavy duty' 'High Performance	380	360	<a href="#">0150-2166</a>
PL02-20x600/540-HP	Slider 'heavy duty' 'High Performance	480	460	<a href="#">0150-2167</a>
PL02-20x700/640-HP	Slider 'heavy duty' 'High Performance	580	560	<a href="#">0150-2168</a>
PL02-20x800/740-HP	Slider 'heavy duty' 'High Performance	680	660	<a href="#">0150-2169</a>
PL02-20x900/840-HP	Slider 'heavy duty' 'High Performance	780	760	<a href="#">0150-2170</a>

Hollow slider High Performance				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-20x160/100-HP-L	Slider 'High Performance L'	40	20	on request
PL01-20x200/140-HP-L	Slider 'High Performance L'	80	60	on request
PL01-20x240/180-HP-L	Slider 'High Performance L'	120	100	<a href="#">0150-2540</a>
PL01-20x300/240-HP-L	Slider 'High Performance L'	180	160	<a href="#">0150-3696</a>
PL01-20x360/300-HP-L	Slider 'High Performance L'	240	220	<a href="#">0150-1537</a>
PL01-20x400/340-HP-L	Slider 'High Performance L'	280	260	<a href="#">0150-3697</a>
PL01-20x500/440-HP-L	Slider 'High Performance L'	380	360	<a href="#">0150-3698</a>
PL01-20x600/540-HP-L	Slider 'High Performance L'	480	460	<a href="#">0150-3699</a>
PL01-20x700/640-HP-L	Slider 'High Performance L'	580	560	<a href="#">0150-3700</a>
PL01-20x800/740-HP-L	Slider 'High Performance L'	680	660	<a href="#">0150-3701</a>
PL01-20x900/840-HP-L	Slider 'High Performance L'	780	760	<a href="#">0150-3702</a>
PL01-20x1000/940-HP-L	Slider 'High Performance L'	880	860	<a href="#">0150-3703</a>
PL01-20x1200/1140-HP-L	Slider 'High Performance L'	1080	1060	<a href="#">0150-2510</a>
PL01-20x1400/1340-HP-L	Slider 'High Performance L'	1280	1260	on request
PL01-20x1600/1540-HP-L	Slider 'High Performance L'	1480	1460	on request

High-Clearance Slider				
Item	Description	Max. Stroke [mm]	Standard Stroke [mm]	Item-No.
PL01-19x160/100	Slider 'high clearance'	40	20	on request
PL01-19x200/140	Slider 'high clearance'	80	60	on request
PL01-19x240/160	Slider 'high clearance'	100	80	<a href="#">0150-1448</a>
PL01-19x300/220	Slider 'high clearance'	160	140	<a href="#">0150-1449</a>
PL01-19x395/320	Slider 'high clearance'	360	340	<a href="#">0150-1452</a>
PL01-19x500/420	Slider 'high clearance'	460	440	<a href="#">0150-1455</a>
PL01-19x600/520	Slider 'high clearance'	560	540	<a href="#">0150-1456</a>

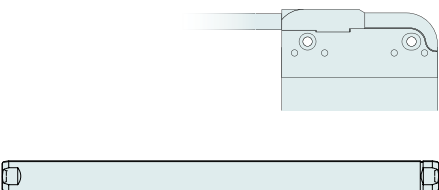
**P01-37Sx60/20x40-HP**

**Max. Stroke:** 40 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/20x40-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	20	(0.78)
Extended Stroke (ES)	mm (in)	40	(1.57)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 1.35	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	160	(6.3)
Slider Mass	g (lb)	310	(0.68)

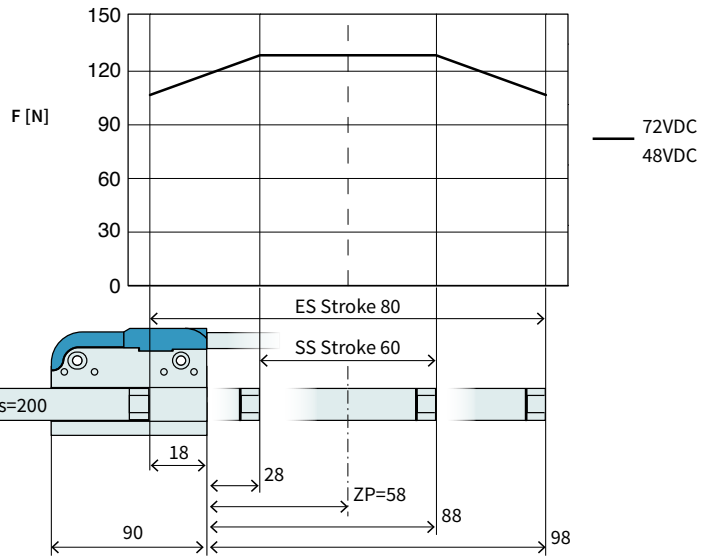


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x160/100-HP</b>	Slider 'High Performance'	<a href="#">0150-2513</a>
<b>PL02-20x160/100-HP</b>	Slider 'heavy duty' 'High Performance'	on request
<b>PL01-20x160/100-HP-L*</b>	Slider 'High Performance L'	on request
<b>PL01-19x160/100*</b>	Slider 'high clearance'	on request

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

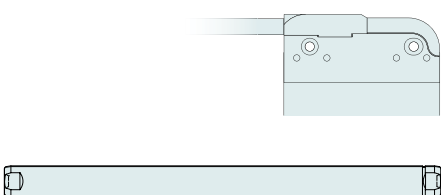
**P01-37Sx60/60x80-HP**

**Max. Stroke:** 80 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/60x80-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)		60 (2.35)
Extended Stroke (ES)	mm (in)		80 (3.14)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)		128 (28.7)
Max. Force @ 72VDC	N (lbf)		128 (28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / - (3.7 / 7.3 / -)
Max. Border Force relative	%		83
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4 (3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)		3.2 (129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9 (189.9)
<b>Position Detection</b>			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.7
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>		9.4
Max. Current @ 72VDC	A <sub>pk</sub>		9.4
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C		120
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -
<b>Mechanical Data</b>			
Slider Length	mm (in)		200 (7.9)
Slider Mass	g (lb)		400 (0.88)



Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x200/140-HP</b>	Slider 'High Performance'	<a href="#">0150-2512</a>
<b>PL02-20x200/140-HP</b>	Slider 'heavy duty' 'High Performance'	on request
<b>PL01-20x200/140-HP-L*</b>	Slider 'High Performance L'	on request
<b>PL01-19x200/140*</b>	Slider 'high clearance'	on request

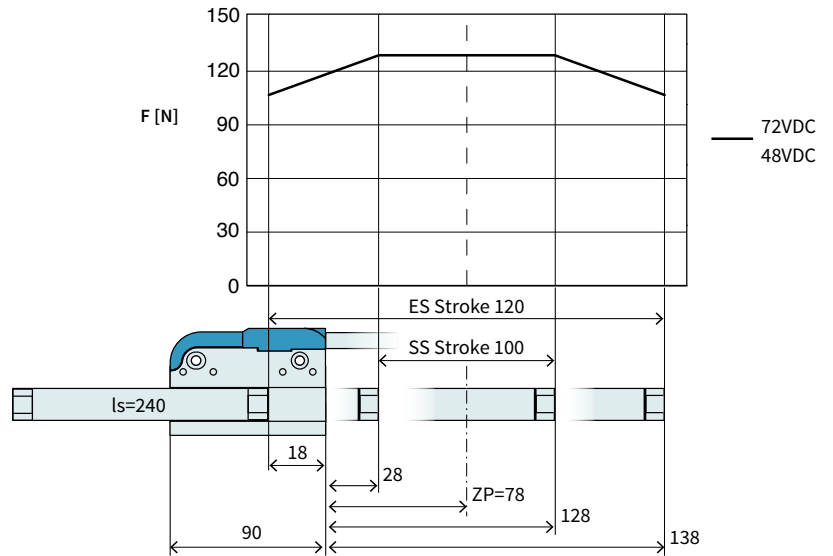
\* With this slider, the motor specifications above change.



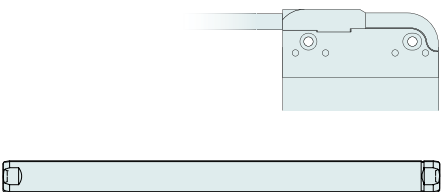
**P01-37Sx60/100x120-HP**

**Max. Stroke:** 120 mm  
**Peak Force:** 128 N

Dimensions in mm



Technical Data P01-37Sx60/100x120-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)		100 (3.93)
Extended Stroke (ES)	mm (in)		120 (4.71)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)		128 (28.7)
Max. Force @ 72VDC	N (lbf)		128 (28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / - (3.7 / 7.3 / -)
Max. Border Force relative	%		83
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4 (3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)		3.2 (129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9 (189.9)
<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>		9.4
Max. Current @ 72VDC	A <sub>pk</sub>		9.4
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C		120
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -
<b>Mechanical Data</b>			
Slider Length	mm (in)		240 (9.4)
Slider Mass	g (lb)		490 (1.08)

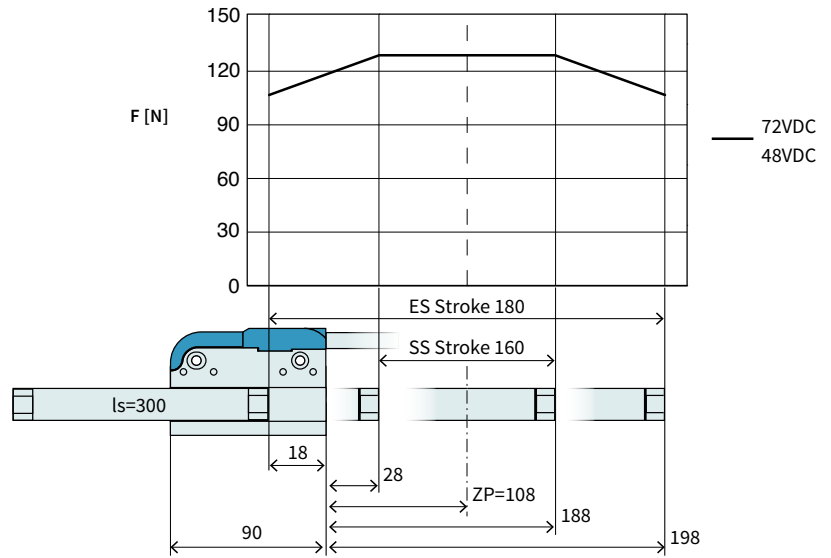


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x240/180-HP</b>	Slider 'High Performance'	<a href="#">0150-1505</a>
<b>PL02-20x240/180-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2162</a>
<b>PL01-20x240/180-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-2540</a>
<b>PL01-19x240/160*</b>	Slider 'high clearance'	<a href="#">0150-1448</a>

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

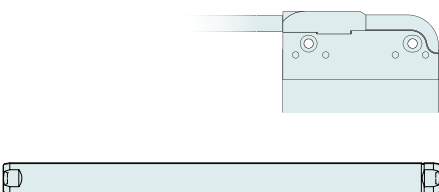
**P01-37Sx60/160x180-HP**

**Max. Stroke:** 180 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/160x180-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	160	(6.29)
Extended Stroke (ES)	mm (in)	180	(7.08)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<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>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	300	(12)
Slider Mass	g (lb)	630	(1.1)

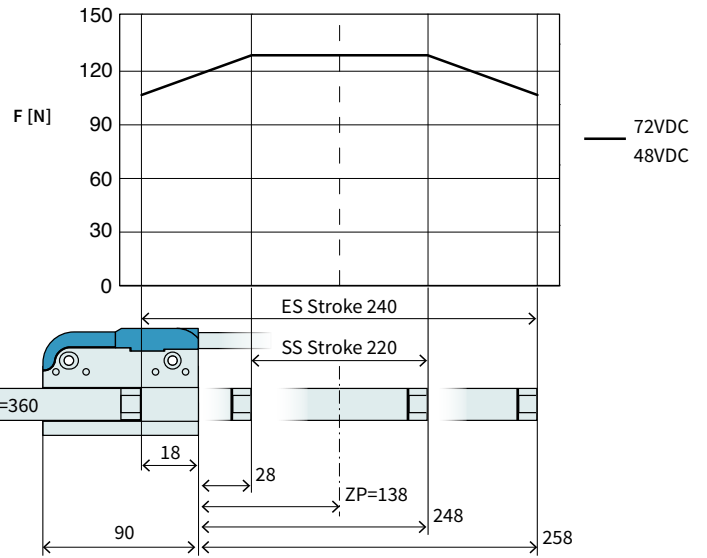


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x300/240-HP</b>	Slider 'High Performance'	<a href="#">0150-1506</a>
<b>PL02-20x300/240-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2163</a>
<b>PL01-20x300/240-HP-L</b>	Slider 'High Performance L'	<a href="#">0150-3696</a>
<b>PL01-19x300/220*</b>	Slider 'high clearance'	<a href="#">0150-1449</a>

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

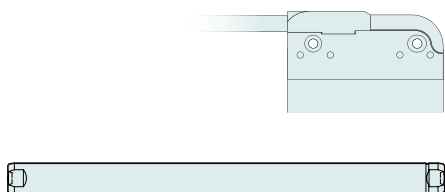
**P01-37Sx60/220x240-HP**

**Max. Stroke:** 240 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/220x240-HP				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	220	(8.65)
Extended Stroke (ES)	mm	(in)	240	(9.44)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	128	(28.7)
Max. Force @ 72VDC	N	(lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%		83	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s	(in/s)	4.9	(189.9)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.3	
<b>Electrical Data</b>				
Max. Current @ 48VDC	A <sub>pk</sub>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	360	(14)
Slider Mass	g	(lb)	760	(1.67)

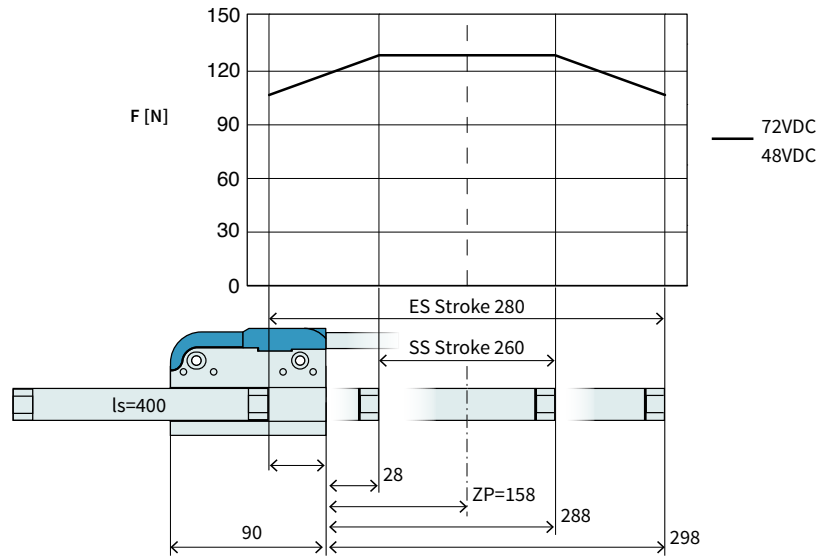


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x360/300-HP</b>	Slider 'High Performance'	<a href="#">0150-1507</a>
<b>PL02-20x360/300-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2164</a>
<b>PL01-20x360/300-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-1537</a>

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

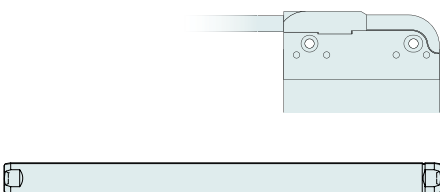
**P01-37Sx60/260x280-HP**

**Max. Stroke:** 280 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/260x280-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	260	(10.19)
Extended Stroke (ES)	mm (in)	280	(10.99)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	±0.3	
<b>Electrical Data</b>			
Max. Current @ 48VDC	A <sub>pk</sub>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	400	(16)
Slider Mass	g (lb)	860	(1.89)



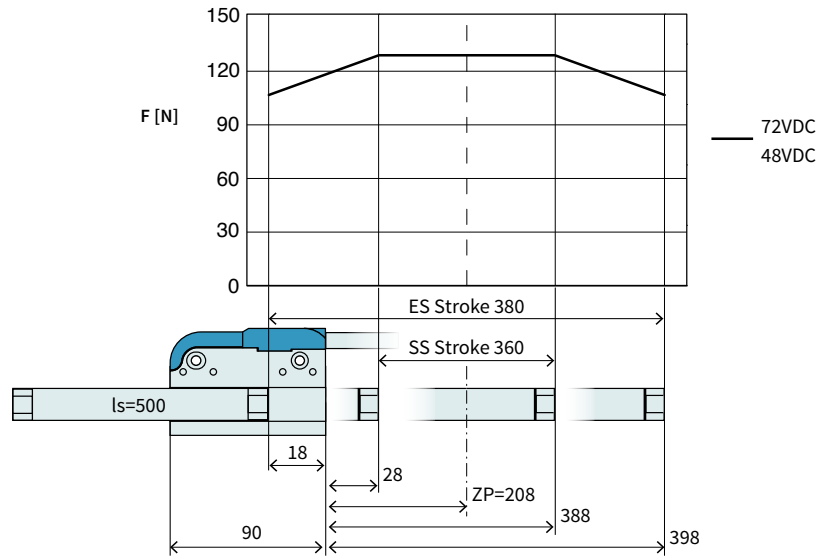
Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x400/340-HP</b>	Slider 'High Performance'	<a href="#">0150-1508</a>
<b>PL02-20x400/340-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2165</a>
<b>PL01-20x400/340-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3697</a>
<b>PL01-19x395/320*</b>	Slider 'high clearance'	<a href="#">0150-1452</a>

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

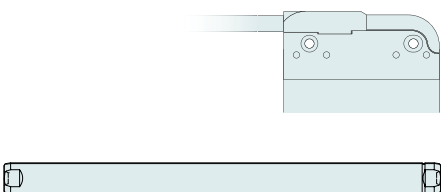
**P01-37Sx60/360x380-HP**

**Max. Stroke:** 380 mm  
**Peak Force:** 128 N

Dimensions in mm



Technical Data P01-37Sx60/360x380-HP				
<b>Stroke</b>				
Standard Stroke (SS)	mm (in)		360	(14.19)
Extended Stroke (ES)	mm (in)		380	(14.99)
<b>Force</b>				
Max. Force @ 48VDC	N (lbf)		128	(28.7)
Max. Force @ 72VDC	N (lbf)		128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%		83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4	(3.02)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s (in/s)		3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9	(189.9)
<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>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Slider Length	mm (in)		500	(20)
Slider Mass	g (lb)		1090	(2.4)

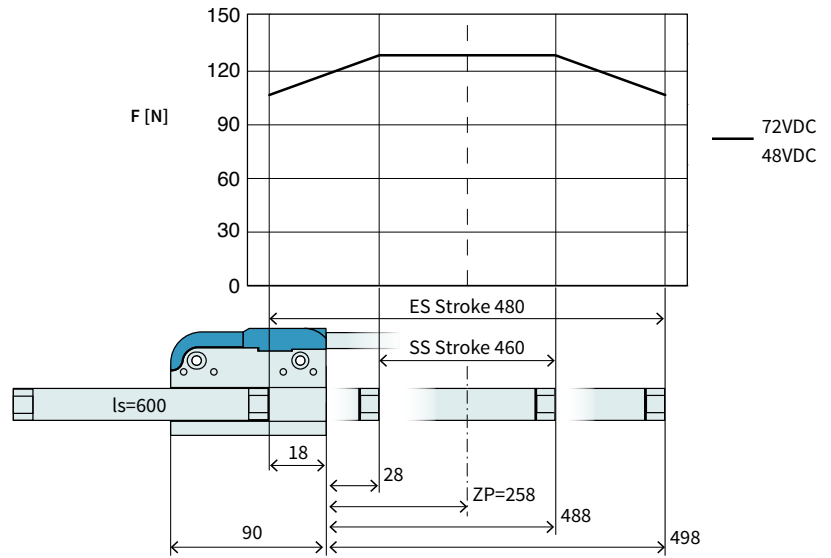


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x500/440-HP</b>	Slider 'High Performance'	<a href="#">0150-1509</a>
<b>PL02-20x500/440-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2166</a>
<b>PL01-20x500/440-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3698</a>
<b>PL01-19x500/420*</b>	Slider 'high clearance'	<a href="#">0150-1455</a>

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

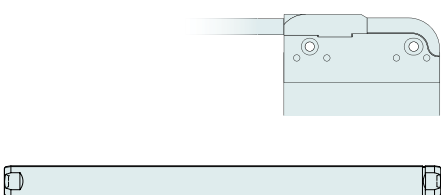
**P01-37Sx60/460x480-HP**

**Max. Stroke:** 480 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/460x480-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	460	(18.1)
Extended Stroke (ES)	mm (in)	480	(18.89)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<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>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	600	(24)
Slider Mass	g (lb)	1330	(2.93)

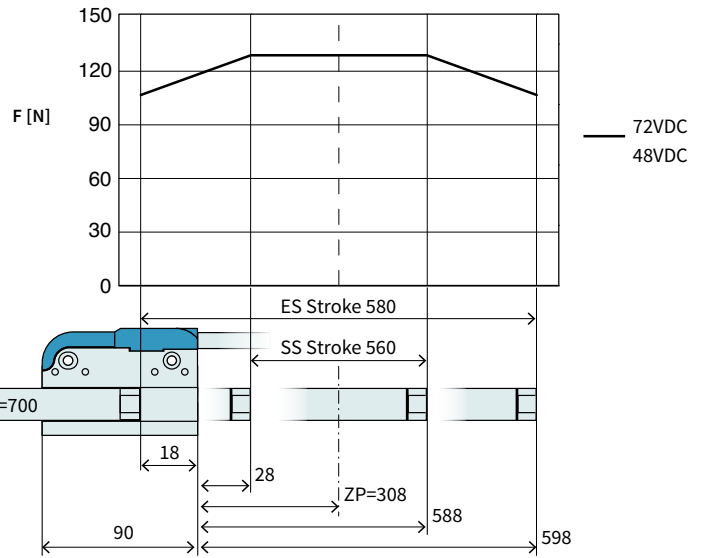


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x600/540-HP</b>	Slider 'High Performance'	<a href="#">0150-1510</a>
<b>PL02-20x600/540-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2167</a>
<b>PL01-20x600/540-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3699</a>
<b>PL01-19x600/520*</b>	Slider 'high clearance'	<a href="#">0150-1456</a>

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

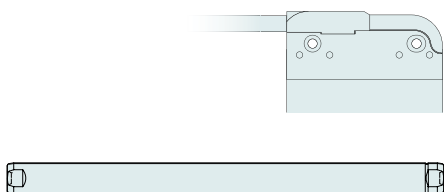
**P01-37Sx60/560x580-HP**

**Max. Stroke:** 580 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/560x580-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	560	(21.99)
Extended Stroke (ES)	mm (in)	580	(22.8)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<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>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	700	(28)
Slider Mass	g (lb)	1560	(3.43)

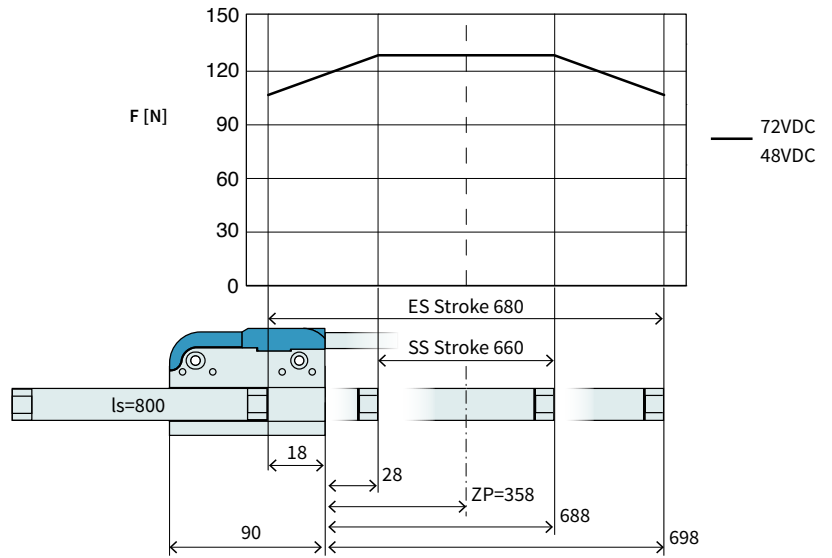


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x700/640-HP</b>	Slider 'High Performance'	<a href="#">0150-1511</a>
<b>PL02-20x700/640-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2168</a>
<b>PL01-20x700/640-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3700</a>
<b>PL01-19x700/620*</b>	Slider 'high clearance'	<a href="#">0150-1457</a>

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

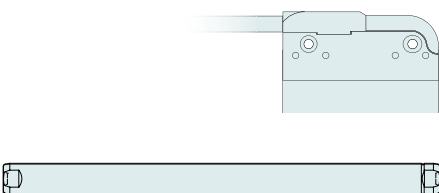
**P01-37Sx60/660x680-HP**

**Max. Stroke:** 680 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/660x680-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	660	(25.99)
Extended Stroke (ES)	mm (in)	680	(26.8)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<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>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	800	(31)
Slider Mass	g (lb)	1790	(3.94)



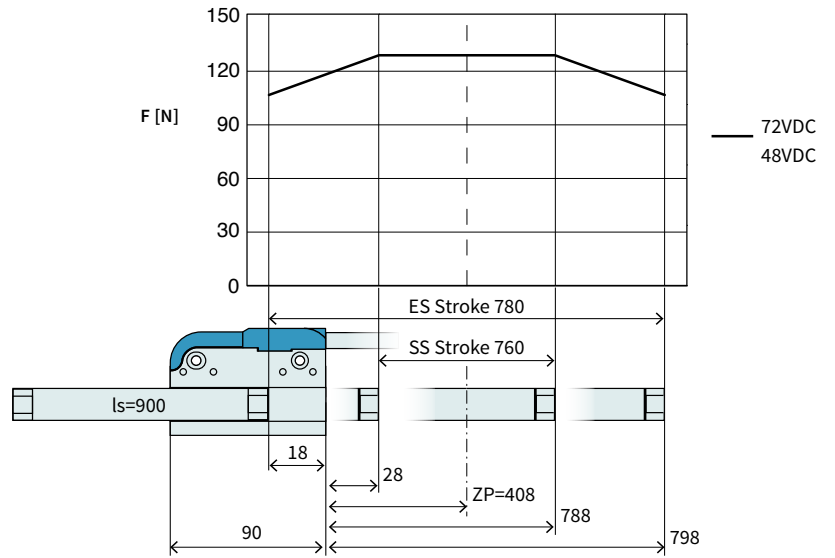
Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x800/740-HP</b>	Slider 'High Performance'	<a href="#">0150-1512</a>
<b>PL02-20x800/740-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2169</a>
<b>PL01-20x800/740-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3701</a>

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



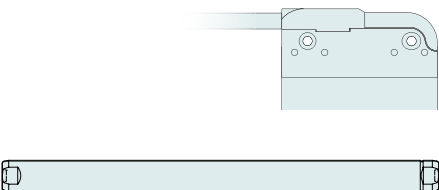
**P01-37Sx60/760x780-HP**

**Max. Stroke:** 780 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/760x780-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)	760	(29.89)
Extended Stroke (ES)	mm (in)	780	(30.69)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)	128	(28.7)
Max. Force @ 72VDC	N (lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%	83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)	4.9	(189.9)
<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>	9.4	
Max. Current @ 72VDC	A <sub>pk</sub>	9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	1.2 / 2.4 / -	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	2400 / 600 / -	
<b>Mechanical Data</b>			
Slider Length	mm (in)	900	(35)
Slider Mass	g (lb)	2020	(4.44)



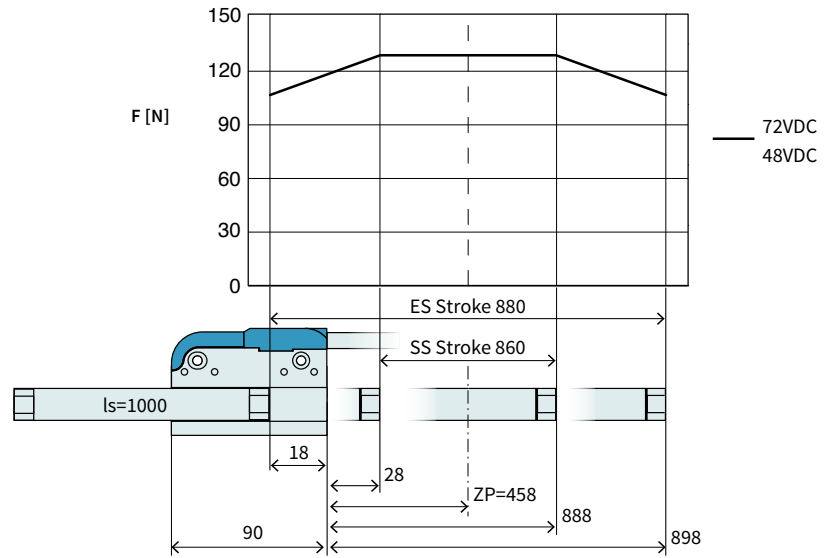
Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x900/840-HP</b>	Slider 'High Performance'	<a href="#">0150-1513</a>
<b>PL02-20x900/840-HP</b>	Slider 'heavy duty' 'High Performance'	<a href="#">0150-2170</a>
<b>PL01-20x900/840-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3702</a>

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

**P01-37Sx60/860x880-HP**

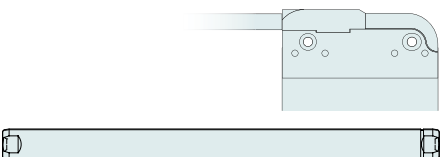
3

**Max. Stroke:** 880 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/860x880-HP			
<b>Stroke</b>			
Standard Stroke (SS)	mm (in)		860 (33.89)
Extended Stroke (ES)	mm (in)		880 (34.6)
<b>Force</b>			
Max. Force @ 48VDC	N (lbf)		128 (28.7)
Max. Force @ 72VDC	N (lbf)		128 (28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / - (3.7 / 7.3 / -)
Max. Border Force relative	%		83
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4 (3.02)
<b>Velocity</b>			
Max. Velocity @ 48VDC	m/s (in/s)		3.2 (129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9 (189.9)
<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>		9.4
Max. Current @ 72VDC	A <sub>pk</sub>		9.4
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C		120
Thermal Resistance [Passive cooling / Fan / Fluid]	*K/W		12 / 3 / -
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -
<b>Mechanical Data</b>			
Slider Length	mm (in)		1000 (39)
Slider Mass	g (lb)		2230 (4.91)

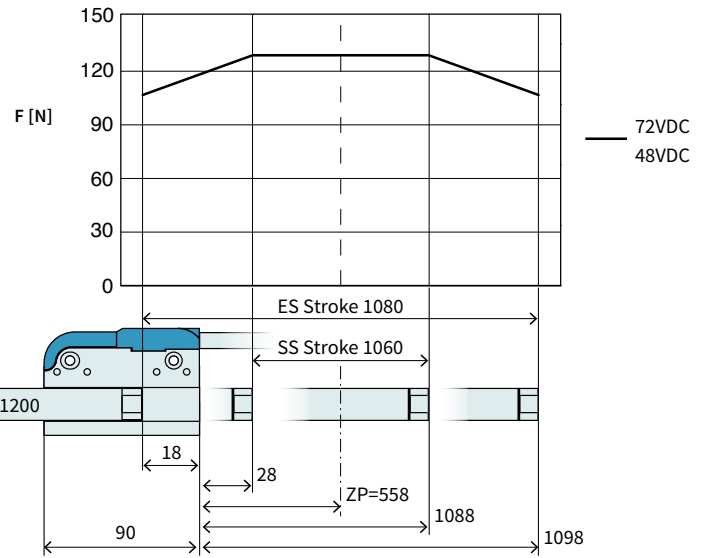


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x1000/940-HP</b>	Slider 'High Performance'	<a href="#">0150-1514</a>
<b>PL01-20x1000/940-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-3703</a>

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

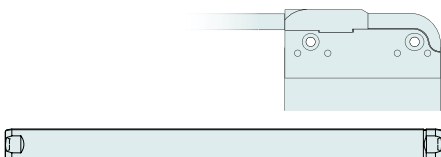
**P01-37Sx60/1060x1080-HP**

**Max. Stroke:** 1080 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/1060x1080-HP				
<b>Stroke</b>				
Standard Stroke (SS)	mm (in)		1060 (41.7)	
Extended Stroke (ES)	mm (in)		1080 (42.49)	
<b>Force</b>				
Max. Force @ 48VDC	N (lbf)		128 (28.7)	
Max. Force @ 72VDC	N (lbf)		128 (28.7)	
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		16 / 33 / - (3.7 / 7.3 / -)	
Max. Border Force relative	%		83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4 (3.02)	
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s (in/s)		3.2 (129.9)	
Max. Velocity @ 72VDC	m/s (in/s)		4.9 (189.9)	
<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>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Slider Length	mm (in)		1200 (47)	
Slider Mass	g (lb)		2690 (5.92)	

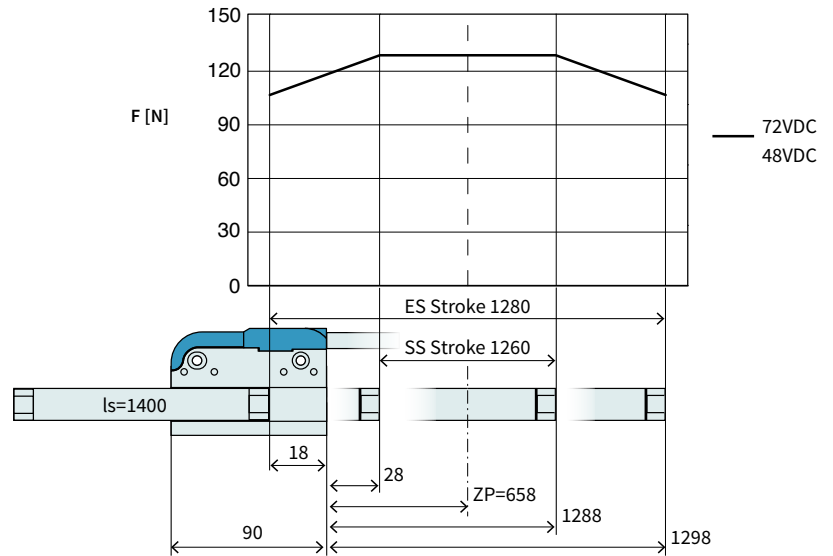


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x1200/1140-HP</b>	Slider 'High Performance'	<a href="#">0150-1515</a>
<b>PL01-20x1200/1140-HP-L*</b>	Slider 'High Performance L'	<a href="#">0150-2510</a>

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

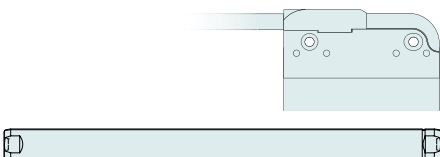
**P01-37Sx60/1260x1280-HP**

**Max. Stroke:** 1280 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/1260x1280-HP				
<b>Stroke</b>				
Standard Stroke (SS)	mm (in)		1260	(49.6)
Extended Stroke (ES)	mm (in)		1280	(50.39)
<b>Force</b>				
Max. Force @ 48VDC	N (lbf)		128	(28.7)
Max. Force @ 72VDC	N (lbf)		128	(28.7)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)		16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%		83	
Force Constant	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		13.4	(3.02)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s (in/s)		3.2	(129.9)
Max. Velocity @ 72VDC	m/s (in/s)		4.9	(189.9)
<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>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Slider Length	mm (in)		1400	(55)
Slider Mass	g (lb)		3160	(6.95)

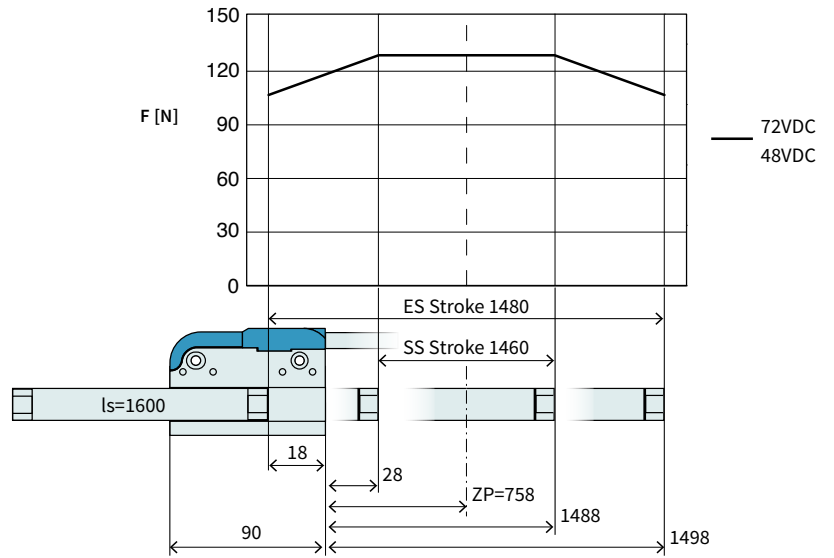


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x1400/1340-HP</b>	Slider 'High Performance'	<a href="#">0150-1516</a>
<b>PL01-20x1400/1340-HP-L*</b>	Slider 'High Performance L'	on request

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

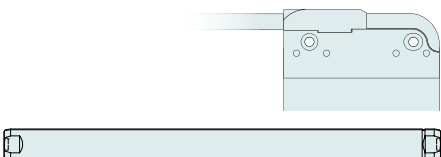
**P01-37Sx60/1460x1480-HP**

**Max. Stroke:** 1480 mm  
**Peak Force:** 128 N



Dimensions in mm

Technical Data P01-37Sx60/1460x1480-HP				
<b>Stroke</b>				
Standard Stroke (SS)	mm	(in)	1460	(57.49)
Extended Stroke (ES)	mm	(in)	1480	(58.29)
<b>Force</b>				
Max. Force @ 48VDC	N	(lbf)	128	(28.7)
Max. Force @ 72VDC	N	(lbf)	128	(28.7)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	16 / 33 / -	(3.7 / 7.3 / -)
Max. Border Force relative	%		83	
Force Constant	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	13.4	(3.02)
<b>Velocity</b>				
Max. Velocity @ 48VDC	m/s	(in/s)	3.2	(129.9)
Max. Velocity @ 72VDC	m/s	(in/s)	4.9	(189.9)
<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>		9.4	
Max. Current @ 72VDC	A <sub>pk</sub>		9.4	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		1.2 / 2.4 / -	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		120	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		12 / 3 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		2400 / 600 / -	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	1600	(63)
Slider Mass	g	(lb)	3620	(7.96)

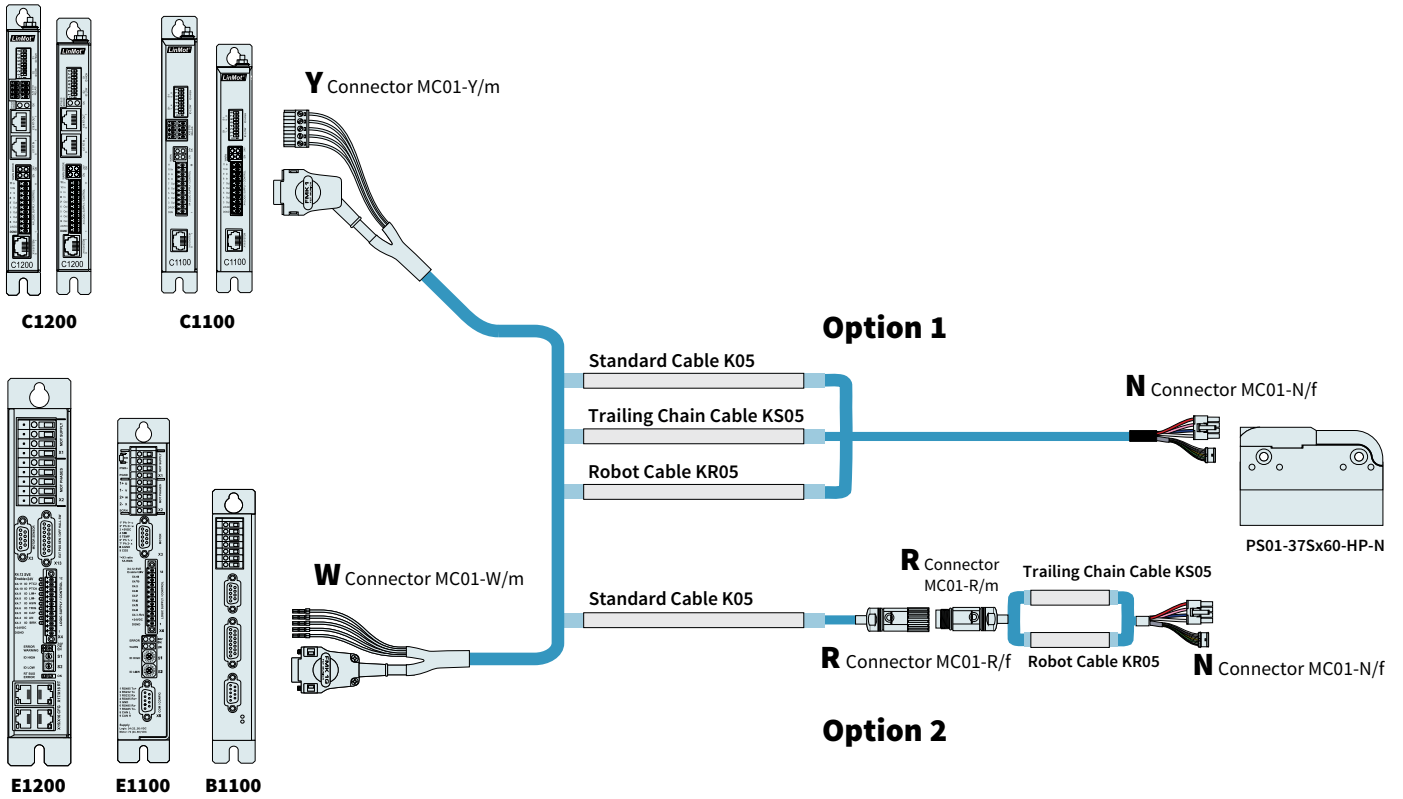


Item	Description	Item-No.
<b>PS01-37Sx60-HP-N</b>	Stator HP, Cable -90°, 0°, +90°	<a href="#">0150-1295</a>
<b>PL01-20x1600/1540-HP</b>	Slider 'High Performance'	<a href="#">0150-1517</a>
<b>PL01-20x1600/1540-HP-L*</b>	Slider 'High Performance L'	on request

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

**Motor Cable**

3



**ORDERING INFORMATION**

OPTION 1		
Item	Description	Item-No.
<b>K05-W/N-</b>	Motor Cable W/N, Custom length	<a href="#">0150-3756</a>
<b>K05-Y-Fe/N-</b>	Motor Cable Y/N, Custom length	<a href="#">0150-3503</a>
<b>KS05-W/N-2</b>	Trailing Chain Cable W/N, 2 m	<a href="#">0150-2296</a>
<b>KS05-W/N-4</b>	Trailing Chain Cable W/N, 4 m	<a href="#">0150-2297</a>
<b>KS05-W/N-6</b>	Trailing Chain Cable W/N, 6 m	<a href="#">0150-2298</a>
<b>KS05-W/N-8</b>	Trailing Chain Cable W/N, 8 m	<a href="#">0150-2299</a>
<b>KS05-W/N-</b>	Trailing Chain Cable W/N, Custom length	<a href="#">0150-3412</a>
<b>KS05-Y/N-2</b>	Trailing Chain Cable Y/N, 2 m	<a href="#">0150-2442</a>
<b>KS05-Y/N-4</b>	Trailing Chain Cable Y/N, 4 m	<a href="#">0150-2443</a>
<b>KS05-Y/N-6</b>	Trailing Chain Cable Y/N, 6 m	<a href="#">0150-2444</a>
<b>KS05-Y/N-8</b>	Trailing Chain Cable Y/N, 8 m	<a href="#">0150-2445</a>
<b>KS05-Y-Fe/N-</b>	Trailing Chain Cable Y/N, Custom length	<a href="#">0150-3509</a>
<b>KR05-W/N-</b>	Robot Cable W/N, Custom length	<a href="#">0150-3406</a>
<b>KR05-Y-Fe/N-</b>	Robot Cable Y/N, Custom length	<a href="#">0150-3514</a>

## OPTION 2

Item	Description	Item-No.
<b>K05-W/R-2</b>	Motor Cable W/R, 2 m	<a href="#">0150-2119</a>
<b>K05-W/R-4</b>	Motor Cable W/R, 4 m	<a href="#">0150-2120</a>
<b>K05-W/R-6</b>	Motor Cable W/R, 6 m	<a href="#">0150-2121</a>
<b>K05-W/R-8</b>	Motor Cable W/R, 8 m	<a href="#">0150-2122</a>
<b>K05-W/R-</b>	Motor Cable W/R, Custom length	<a href="#">0150-3262</a>
<b>K05-Y/R-2</b>	Motor Cable Y/R, 2 m	<a href="#">0150-2421</a>
<b>K05-Y/R-4</b>	Motor Cable Y/R, 4 m	<a href="#">0150-2422</a>
<b>K05-Y/R-6</b>	Motor Cable Y/R, 6 m	<a href="#">0150-2423</a>
<b>K05-Y/R-8</b>	Motor Cable Y/R, 8 m	<a href="#">0150-2424</a>
<b>K05-Y-Fe/R-</b>	Motor Cable Y/R, Custom length	<a href="#">0150-3501</a>
<b>KS05-R/N-</b>	Trailing Chain Cable R/N, Custom length	<a href="#">0150-3486</a>
<b>KR05-R/N-</b>	Robot Cable R/N, Custom length	<a href="#">0150-3757</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-R/f</b>	Motor Connector R/f	<a href="#">0150-3129</a>
<b>MC01-N/f</b>	Motor Connector N/f	<a href="#">0150-3407</a>
<b>K05-04/05</b>	Motor Cable per m	<a href="#">0150-1920</a>
<b>KS05-04/05</b>	Trailing Chain Cable per m	<a href="#">0150-1938</a>
<b>KR05-04/05</b>	Robot Cable per m	<a href="#">0150-1846</a>

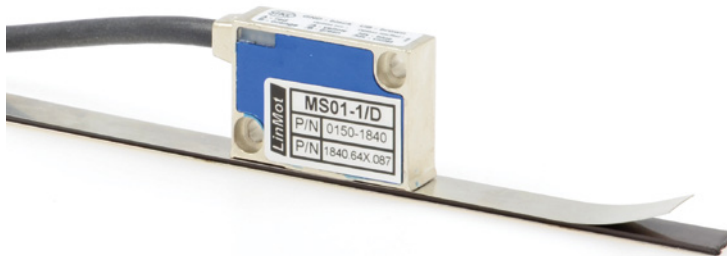
**SLIDER MOUNTING**



Item	Description	Item-No.
<b>PLF01-20</b>	Fixed Bearing Set for 19/20 mm sliders	<a href="#">0150-3083</a>
<b>PLF01-20-SS</b>	Fixed Bearing Set for 19/20 mm sliders, stainless steel	<a href="#">0150-3296</a>
<b>PLL01-19</b>	Floating Bearing for 19 mm sliders	<a href="#">0150-3335</a>
<b>PLL01-20</b>	Floating Bearing for 20 mm sliders	<a href="#">0150-3084</a>
<b>PLM01-20-MK</b>	Mounting Kit for 20 mm sliders	<a href="#">0150-3079</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 incremental 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".