

# LINEAR MOTORS P01-37X120F-HP



- ✓ Higher maximum peak force and acceleration
- ✓ Increased continuous force and acceleration
- ✓ Higher permissible operating temperatures with less self-heating
- ✓ Wide range of applications in handling modules as well as in plant and machine construction

**LINEAR MOTORS P01-37x120F-HP****Technical Data** ..... **223****Motor Specifications**P01-37x120F/40x120-HP ..... **227**P01-37x120F/100x180-HP ..... **228**P01-37x120F/160x240-HP ..... **229**P01-37x120F/200x280-HP ..... **230**P01-37x120F/300x380-HP ..... **231**P01-37x120F/400x480-HP ..... **232**P01-37x120F/500x580-HP ..... **233**P01-37x120F/600x680-HP ..... **234**P01-37x120F/700x780-HP ..... **235**P01-37x120F/800x880-HP ..... **236**P01-37x120F/1000x1080-HP ..... **237**P01-37x120F/1200x1280-HP ..... **238**P01-37x120F/1400x1480-HP ..... **239****Linear Guides** ..... **240****Accessories** ..... **242**



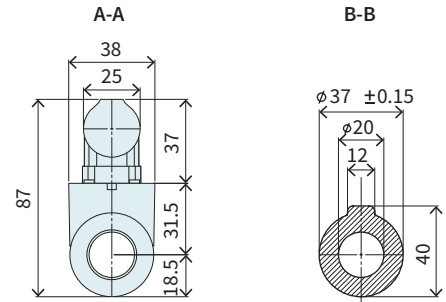
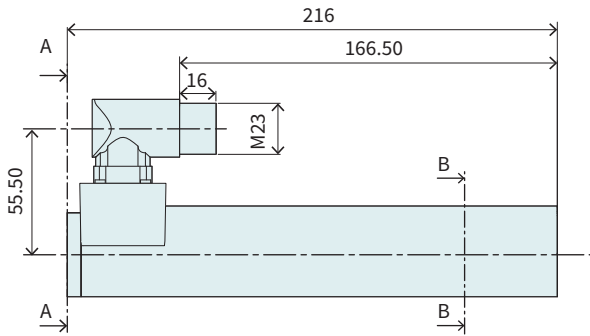
### MOTOR FAMILY P01-37x120F-HP



#### Technical Data

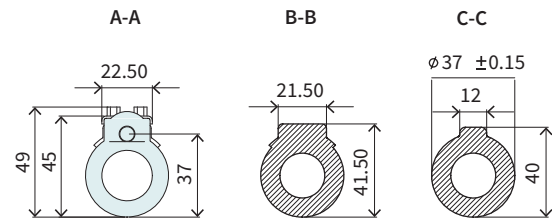
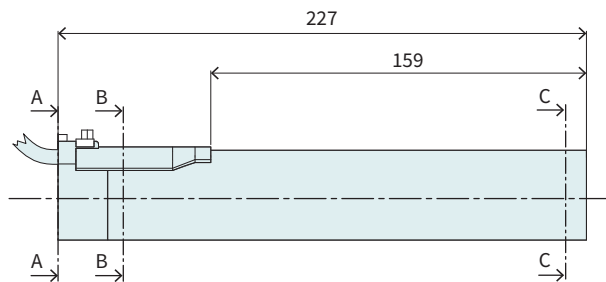
| Stroke                                                |                                          |  |                |               |
|-------------------------------------------------------|------------------------------------------|--|----------------|---------------|
| Standard Stroke (SS)                                  | mm (in)                                  |  | ≤ 1400         | (≤ 55.1)      |
| Extended Stroke (ES)                                  | mm (in)                                  |  | ≤ 1480         | (≤ 58.3)      |
| Force                                                 |                                          |  |                |               |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255            | (57.3)        |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255            | (57.3)        |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | ≤ 67           |               |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17             | (3.82)        |
| Velocity                                              |                                          |  |                |               |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8            | (149.9)       |
| Position Detection                                    |                                          |  |                |               |
| 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)     |
| Electrical Data                                       |                                          |  |                |               |
| Max. Current @ 48VDC                                  | A <sub>pk</sub>                          |  | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -  |               |
| Terminal Resistance 25 °C / 120 °C                    | Ohm                                      |  | 2.4 / 3.5      |               |
| Terminal Inductivity                                  | mH                                       |  | 1.6            |               |
| Magnetic Period                                       | mm (in)                                  |  | 40             | (1.57)        |
| Thermal Data                                          |                                          |  |                |               |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / - |               |
| Mechanical Data                                       |                                          |  |                |               |
| Stator Diameter                                       | mm (in)                                  |  | 37             | (1.5)         |
| Stator Length [Connector type / Cable type]           | mm (in)                                  |  | 216 / 227      | (8.5 / 8.9)   |
| Stator Mass                                           | g (lb)                                   |  | 740            | (1.63)        |
| Slider Diameter                                       | mm (in)                                  |  | 20             | (0.79)        |
| Slider Length                                         | mm (in)                                  |  | 240 - 1600     | (9.4 - 63)    |
| Slider Mass                                           | g (lb)                                   |  | 490 - 3620     | (1.08 - 7.96) |
| IP Code                                               |                                          |  | IP 65          |               |
| Certification                                         |                                          |  |                |               |
| cURus                                                 | File-No.                                 |  | E354430        |               |

**STATOR CONNECTOR TYPE**



| Item              | Description                            | Item-No.                  |
|-------------------|----------------------------------------|---------------------------|
| PS01-37x120F-HP-C | Stator HP with IP67 Connector M23/9(m) | <a href="#">0150-1251</a> |

**STATOR CABLE TYPE**

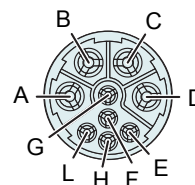


| Item                | Description                               | Item-No.                  |
|---------------------|-------------------------------------------|---------------------------|
| PS01-37x120F-HP-C20 | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |

**CONNECTOR**

| Motor Connector Wiring | PS01-37x120F-HP-C<br>PS01-37x120F-HP-C20 | Wire color motor cable |
|------------------------|------------------------------------------|------------------------|
|                        | C-Connector                              |                        |
| Ph 1+                  | A                                        | red                    |
| Ph 1-                  | B                                        | pink                   |
| Ph 2+                  | C                                        | blue                   |
| Ph 2-                  | D                                        | grey                   |
| +5VDC                  | E                                        | white                  |
| GND                    | F                                        | inner shield           |
| Sin                    | G                                        | yellow                 |
| Cos                    | H                                        | green                  |
| Temp.                  | L                                        | black                  |
| Shield                 | Housing                                  | outer Shield           |

**C-Connector**

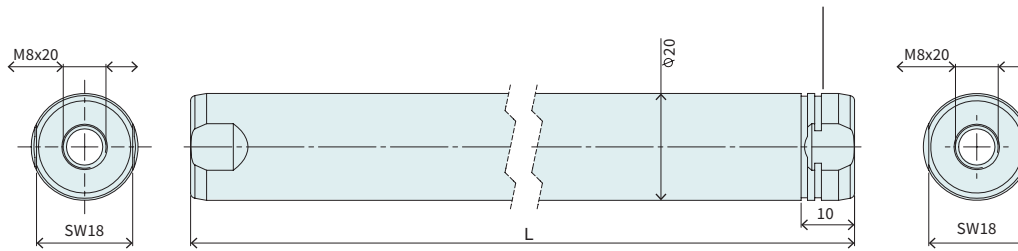


View: Motor Connector, plug side

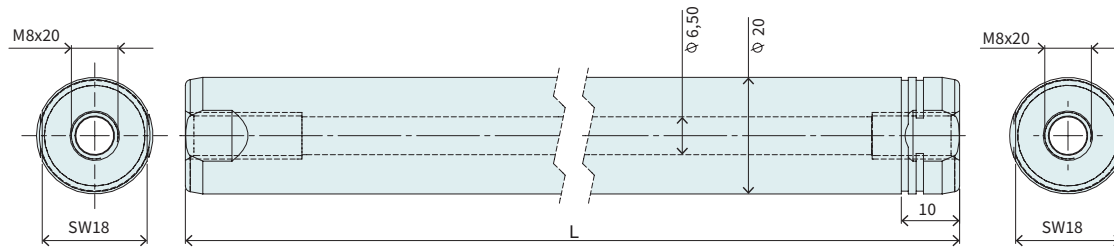
**SLIDER**

**Slider HP/ Heavy Duty HP**

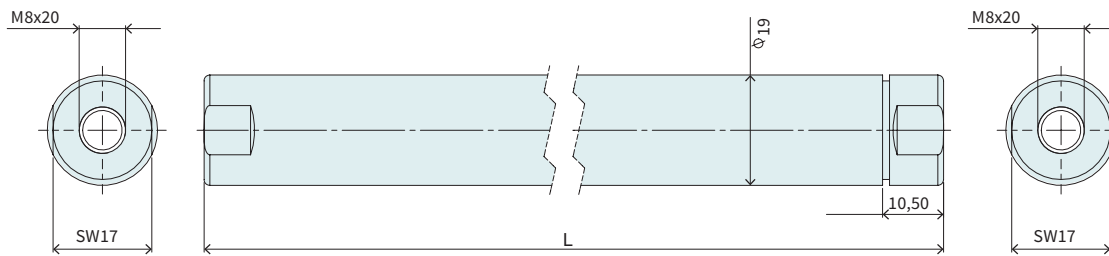
Number of grooves determines the slider type (see chapter 2 / slider) and marks the front end.



**Hollow slider**



**High-Clearance Slider**



| Slider HP            |                           |                  |                      |                           |
|----------------------|---------------------------|------------------|----------------------|---------------------------|
| Item                 | Description               | Max. Stroke [mm] | Standard Stroke [mm] | Item-No.                  |
| PL01-20x240/180-HP   | Slider 'High Performance' | 120              | 40                   | <a href="#">0150-1505</a> |
| PL01-20x300/240-HP   | Slider 'High Performance' | 180              | 100                  | <a href="#">0150-1506</a> |
| PL01-20x360/300-HP   | Slider 'High Performance' | 240              | 160                  | <a href="#">0150-1507</a> |
| PL01-20x400/340-HP   | Slider 'High Performance' | 280              | 200                  | <a href="#">0150-1508</a> |
| PL01-20x500/440-HP   | Slider 'High Performance' | 380              | 300                  | <a href="#">0150-1509</a> |
| PL01-20x600/540-HP   | Slider 'High Performance' | 480              | 400                  | <a href="#">0150-1510</a> |
| PL01-20x700/640-HP   | Slider 'High Performance' | 580              | 500                  | <a href="#">0150-1511</a> |
| PL01-20x800/740-HP   | Slider 'High Performance' | 680              | 600                  | <a href="#">0150-1512</a> |
| PL01-20x900/840-HP   | Slider 'High Performance' | 780              | 700                  | <a href="#">0150-1513</a> |
| PL01-20x1000/940-HP  | Slider 'High Performance' | 880              | 800                  | <a href="#">0150-1514</a> |
| PL01-20x1200/1140-HP | Slider 'High Performance' | 1080             | 1000                 | <a href="#">0150-1515</a> |
| PL01-20x1400/1340-HP | Slider 'High Performance' | 1280             | 1200                 | <a href="#">0150-1516</a> |
| PL01-20x1600/1540-HP | Slider 'High Performance' | 1480             | 1400                 | <a href="#">0150-1517</a> |

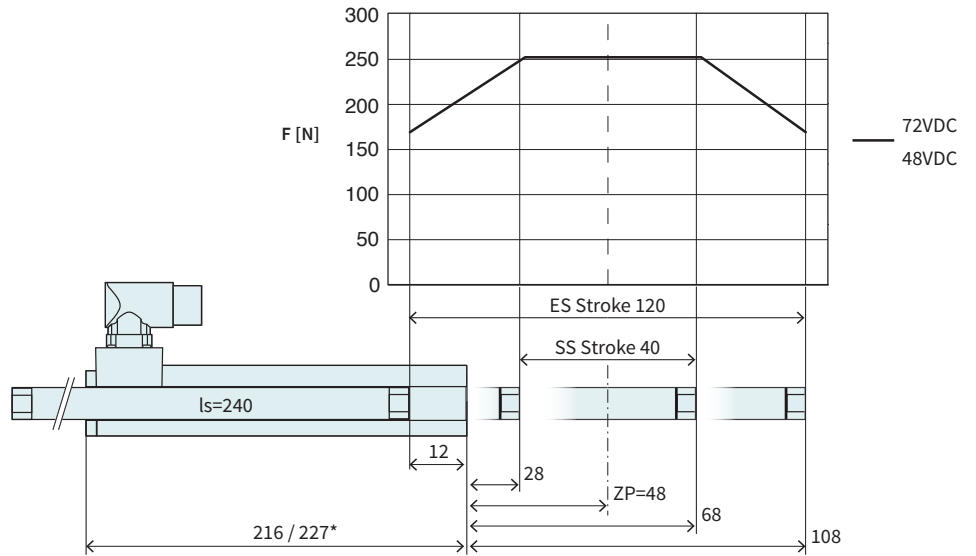
| Slider Heavy Duty HP |                                        |                  |                      |                           |
|----------------------|----------------------------------------|------------------|----------------------|---------------------------|
| Item                 | Description                            | Max. Stroke [mm] | Standard Stroke [mm] | Item-No.                  |
| PL02-20x240/180-HP   | Slider 'heavy duty' 'High Performance' | 120              | 40                   | <a href="#">0150-2162</a> |
| PL02-20x300/240-HP   | Slider 'heavy duty' 'High Performance' | 180              | 100                  | <a href="#">0150-2163</a> |
| PL02-20x360/300-HP   | Slider 'heavy duty' 'High Performance' | 240              | 160                  | <a href="#">0150-2164</a> |
| PL02-20x400/340-HP   | Slider 'heavy duty' 'High Performance' | 280              | 200                  | <a href="#">0150-2165</a> |
| PL02-20x500/440-HP   | Slider 'heavy duty' 'High Performance' | 380              | 300                  | <a href="#">0150-2166</a> |
| PL02-20x600/540-HP   | Slider 'heavy duty' 'High Performance' | 480              | 400                  | <a href="#">0150-2167</a> |
| PL02-20x700/640-HP   | Slider 'heavy duty' 'High Performance' | 580              | 500                  | <a href="#">0150-2168</a> |
| PL02-20x800/740-HP   | Slider 'heavy duty' 'High Performance' | 680              | 600                  | <a href="#">0150-2169</a> |
| PL02-20x900/840-HP   | Slider 'heavy duty' 'High Performance' | 780              | 700                  | <a href="#">0150-2170</a> |

| Hollow slider          |                             |                  |                      |                           |
|------------------------|-----------------------------|------------------|----------------------|---------------------------|
| Item                   | Description                 | Max. Stroke [mm] | Standard Stroke [mm] | Item-No.                  |
| 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="#">0150-2510</a> |
| PL01-20x1200/1140-HP-L | Slider 'High Performance L' | 1080             | 1060                 | on request                |
| 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.                  |
| PL01-19x240/160       | 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' | 260              | 240                  | <a href="#">0150-1452</a> |
| PL01-19x500/420       | Slider 'high clearance' | 360              | 340                  | <a href="#">0150-1455</a> |
| PL01-19x600/520       | Slider 'high clearance' | 460              | 440                  | <a href="#">0150-1456</a> |
| PL01-19x700/620       | Slider 'high clearance' | 560              | 540                  | <a href="#">0150-1457</a> |

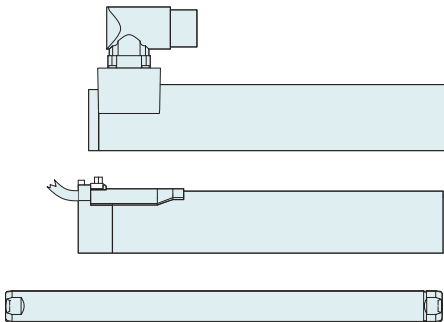
**P01-37x120F/40x120-HP**

**Max. Stroke:** 120 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/40x120-HP                  |                                          |  |                |               |
|-------------------------------------------------------|------------------------------------------|--|----------------|---------------|
| <b>Stroke</b>                                         |                                          |  |                |               |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 40 (1.57)      |               |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 120 (4.71)     |               |
| <b>Force</b>                                          |                                          |  |                |               |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)     |               |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)     |               |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67             |               |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17             | (3.82)        |
| <b>Velocity</b>                                       |                                          |  |                |               |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8            | (149.9)       |
| <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>                          |  | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -  |               |
| <b>Thermal Data</b>                                   |                                          |  |                |               |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / - |               |
| <b>Mechanical Data</b>                                |                                          |  |                |               |
| Slider Length                                         | mm (in)                                  |  | 240            | (9.4)         |
| Slider Mass                                           | g (lb)                                   |  | 490            | (1.08)        |

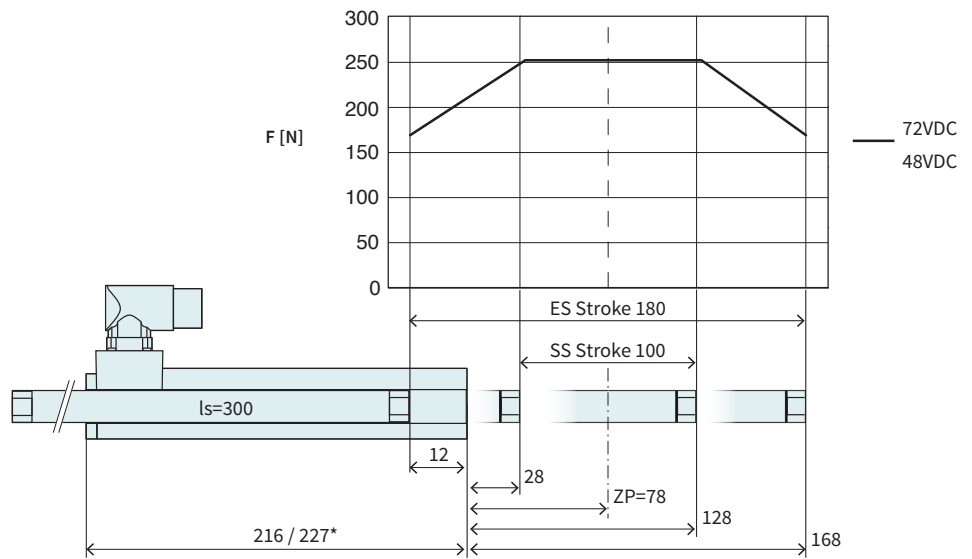


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

**P01-37x120F/100x180-HP**

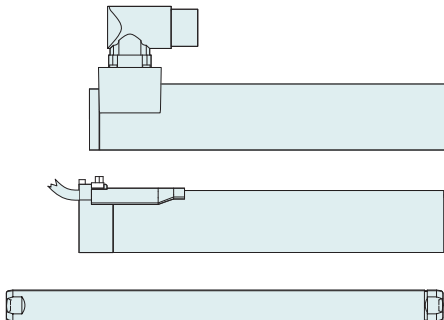
**Max. Stroke:** 180 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

Technical Data P01-37x120F/100x180-HP

| Technical Data P01-37x120F/100x180-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 100 (3.93)                |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 180 (7.08)                |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 300 (12)                  |
| Slider Mass                                           | g (lb)                                   |  | 630 (1.4)                 |



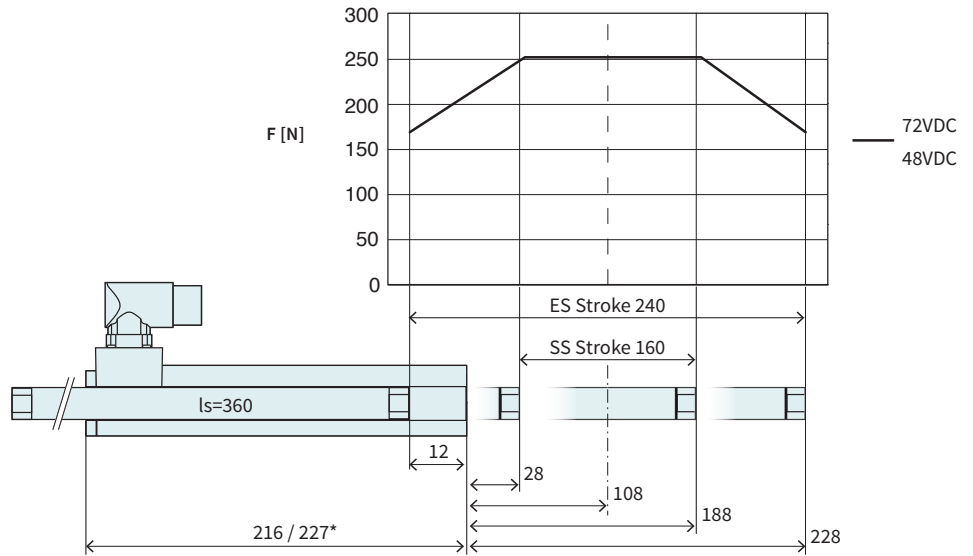
| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.



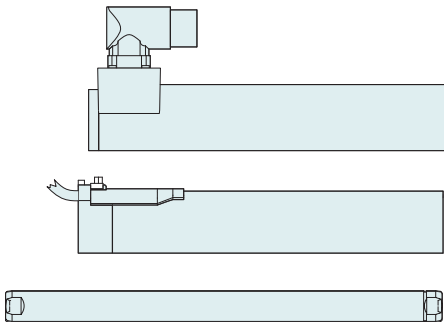
**P01-37x120F/160x240-HP**

**Max. Stroke:** 240 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/160x240-HP                 |                   |                        |                |               |
|-------------------------------------------------------|-------------------|------------------------|----------------|---------------|
| <b>Stroke</b>                                         |                   |                        |                |               |
| Standard Stroke (SS)                                  | mm                | (in)                   | 160            | (6.29)        |
| Extended Stroke (ES)                                  | mm                | (in)                   | 240            | (9.44)        |
| <b>Force</b>                                          |                   |                        |                |               |
| Max. Force @ 48VDC                                    | N                 | (lbf)                  | 255            | (57.3)        |
| Max. Force @ 72VDC                                    | N                 | (lbf)                  | 255            | (57.3)        |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N                 | (lbf)                  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                 |                        | 67             |               |
| Force Constant                                        | N/A <sub>pk</sub> | (lbf/A <sub>pk</sub> ) | 17             | (3.82)        |
| <b>Velocity</b>                                       |                   |                        |                |               |
| Max. Velocity @ 48VDC                                 | m/s               | (in/s)                 | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s               | (in/s)                 | 3.8            | (149.9)       |
| <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>   |                        | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>   |                        | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>   |                        | 2.8 / 5.1 / -  |               |
| <b>Thermal Data</b>                                   |                   |                        |                |               |
| Max. Winding Temperature (Sensor)                     | °C                |                        | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W              |                        | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                 |                        | 1200 / 350 / - |               |
| <b>Mechanical Data</b>                                |                   |                        |                |               |
| Slider Length                                         | mm                | (in)                   | 360            | (14)          |
| Slider Mass                                           | g                 | (lb)                   | 760            | (1.67)        |

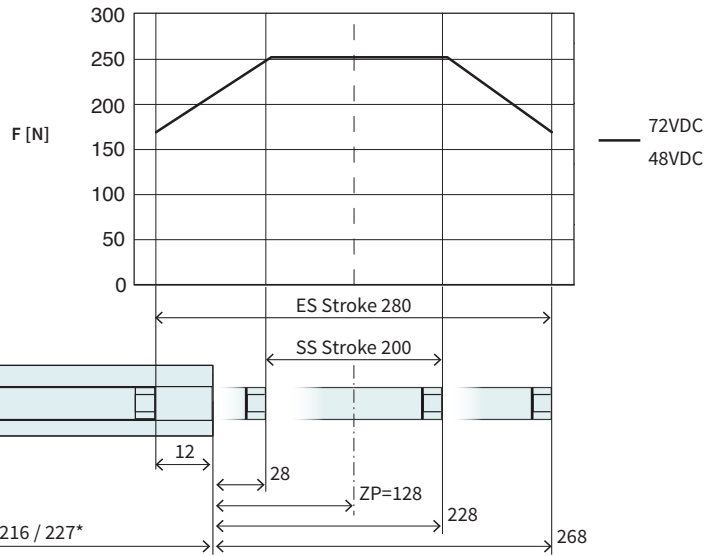


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

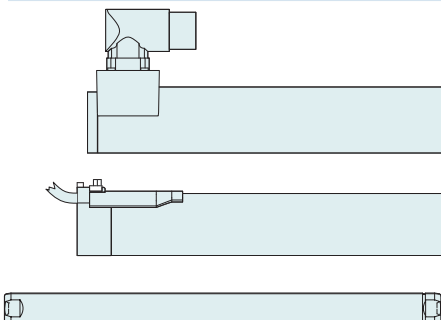
**P01-37x120F/200x280-HP**

**Max. Stroke:** 280 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/200x280-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 200 (7.86)                |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 280 (10.99)               |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 400 (16)                  |
| Slider Mass                                           | g (lb)                                   |  | 860 (1.89)                |

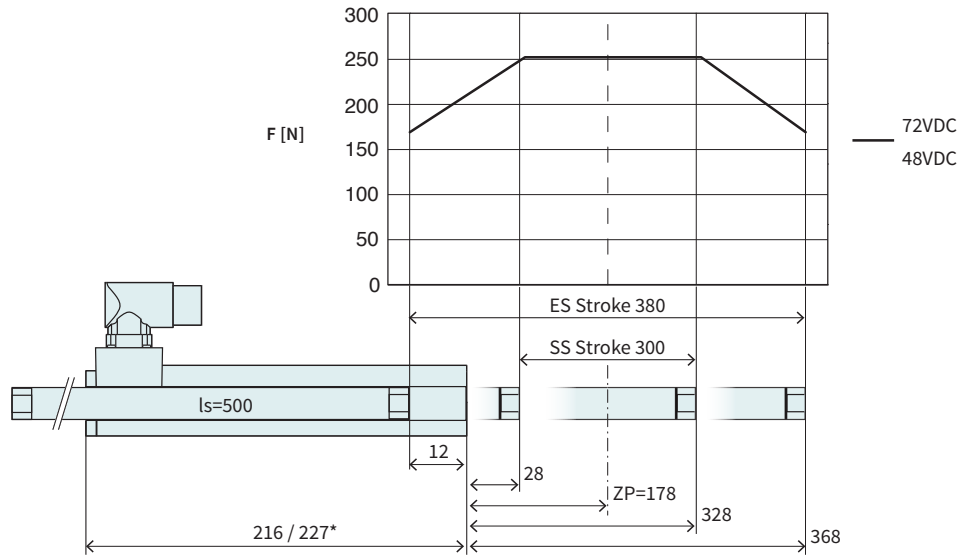


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

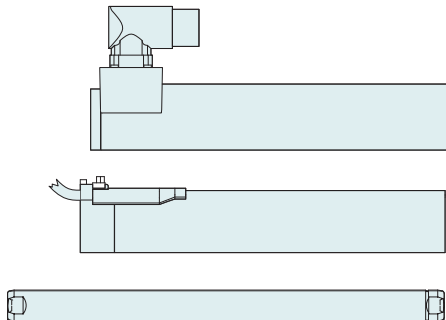
**P01-37x120F/300x380-HP**

**Max. Stroke:** 380 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/300x380-HP                 |                                          |                           |  |
|-------------------------------------------------------|------------------------------------------|---------------------------|--|
| <b>Stroke</b>                                         |                                          |                           |  |
| Standard Stroke (SS)                                  | mm (in)                                  | 300 (11.8)                |  |
| Extended Stroke (ES)                                  | mm (in)                                  | 380 (14.99)               |  |
| <b>Force</b>                                          |                                          |                           |  |
| Max. Force @ 48VDC                                    | N (lbf)                                  | 255 (57.3)                |  |
| Max. Force @ 72VDC                                    | N (lbf)                                  | 255 (57.3)                |  |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  | 48 / 87 / - (11 / 20 / -) |  |
| Max. Border Force relative                            | %                                        | 67                        |  |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) | 17 (3.82)                 |  |
| <b>Velocity</b>                                       |                                          |                           |  |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               | 2.5 (99.9)                |  |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               | 3.8 (149.9)               |  |
| <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>                          | 14.9                      |  |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          | 14.9                      |  |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          | 2.8 / 5.1 / -             |  |
| <b>Thermal Data</b>                                   |                                          |                           |  |
| Max. Winding Temperature (Sensor)                     | °C                                       | 120                       |  |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     | 2.9 / 0.88 / -            |  |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        | 1200 / 350 / -            |  |
| <b>Mechanical Data</b>                                |                                          |                           |  |
| Slider Length                                         | mm (in)                                  | 500 (20)                  |  |
| Slider Mass                                           | g (lb)                                   | 1090 (2.4)                |  |

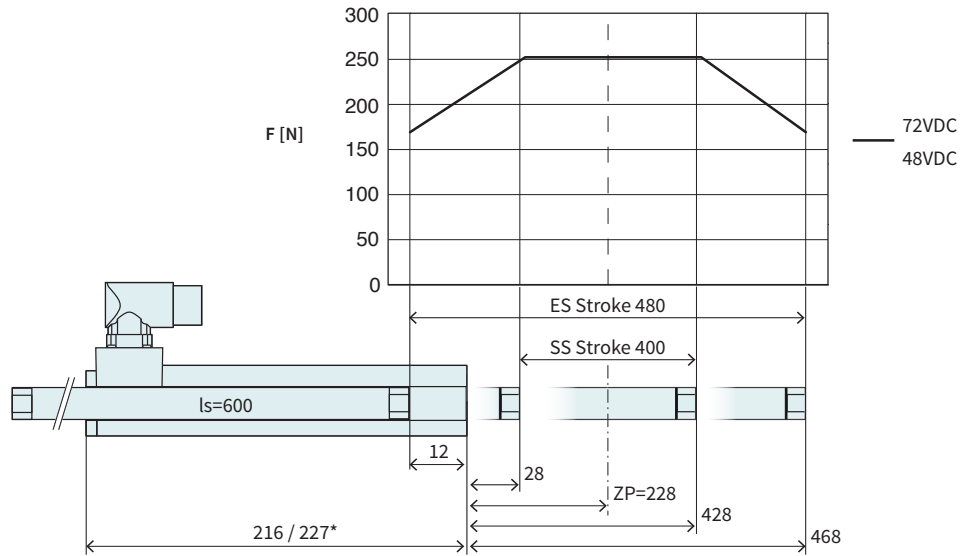


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

**P01-37x120F/400x480-HP**

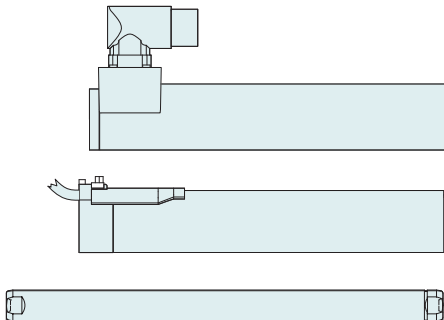
**Max. Stroke:** 480 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

Technical Data P01-37x120F/400x480-HP

| Technical Data P01-37x120F/400x480-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 400 (15.69)               |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 480 (18.89)               |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 600 (24)                  |
| Slider Mass                                           | g (lb)                                   |  | 1330 (2.93)               |

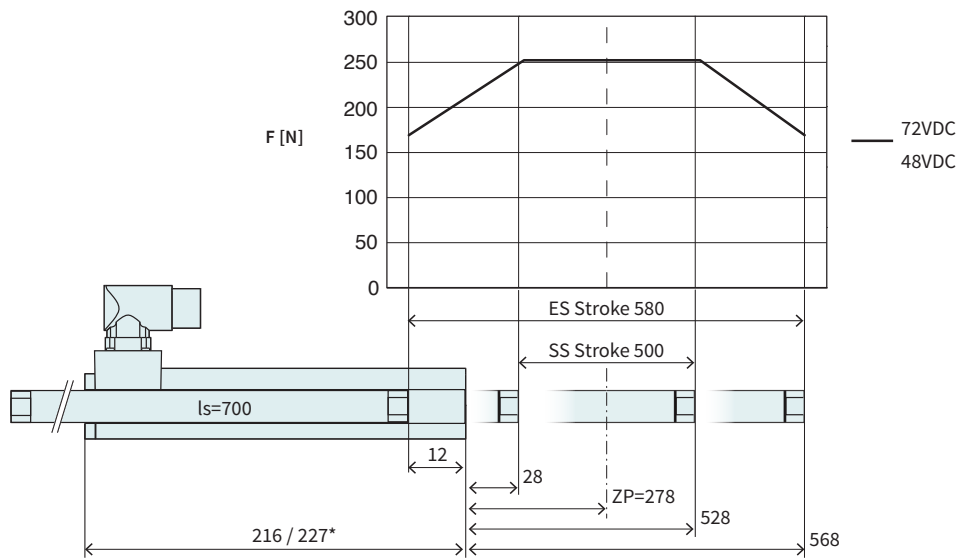


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

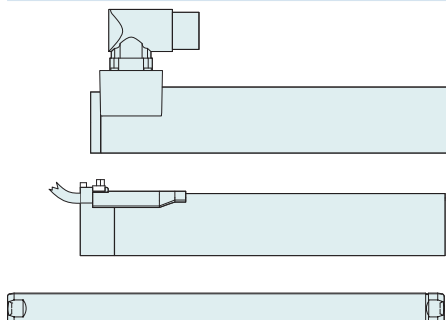
**P01-37x120F/500x580-HP**

**Max. Stroke:** 580 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/500x580-HP                 |                                          |                |               |
|-------------------------------------------------------|------------------------------------------|----------------|---------------|
| <b>Stroke</b>                                         |                                          |                |               |
| Standard Stroke (SS)                                  | mm (in)                                  | 500 (19.69)    |               |
| Extended Stroke (ES)                                  | mm (in)                                  | 580 (22.8)     |               |
| <b>Force</b>                                          |                                          |                |               |
| Max. Force @ 48VDC                                    | N (lbf)                                  | 255 (57.3)     |               |
| Max. Force @ 72VDC                                    | N (lbf)                                  | 255 (57.3)     |               |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                                        | 67             |               |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) | 17             | (3.82)        |
| <b>Velocity</b>                                       |                                          |                |               |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               | 3.8            | (149.9)       |
| <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>                          | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          | 2.8 / 5.1 / -  |               |
| <b>Thermal Data</b>                                   |                                          |                |               |
| Max. Winding Temperature (Sensor)                     | °C                                       | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        | 1200 / 350 / - |               |
| <b>Mechanical Data</b>                                |                                          |                |               |
| Slider Length                                         | mm (in)                                  | 700            | (28)          |
| Slider Mass                                           | g (lb)                                   | 1560           | (3.43)        |

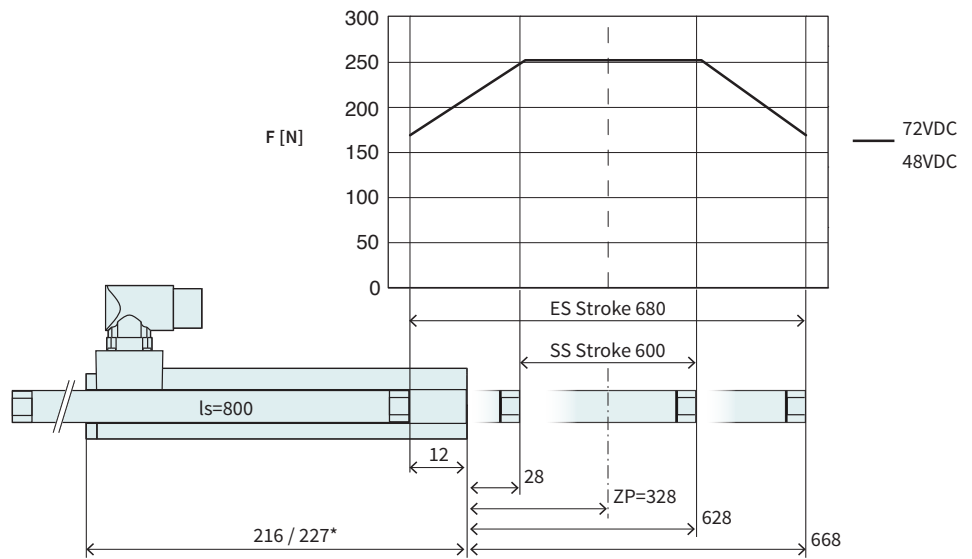


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

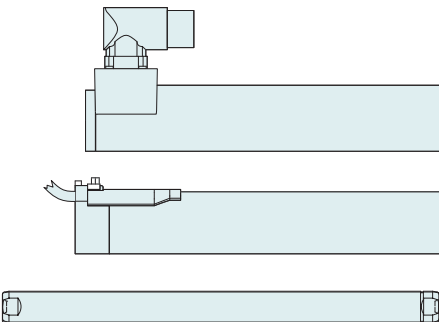
**P01-37x120F/600x680-HP**

**Max. Stroke:** 680 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/600x680-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 600 (23.6)                |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 680 (26.8)                |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 800 (31)                  |
| Slider Mass                                           | g (lb)                                   |  | 1790 (3.94)               |

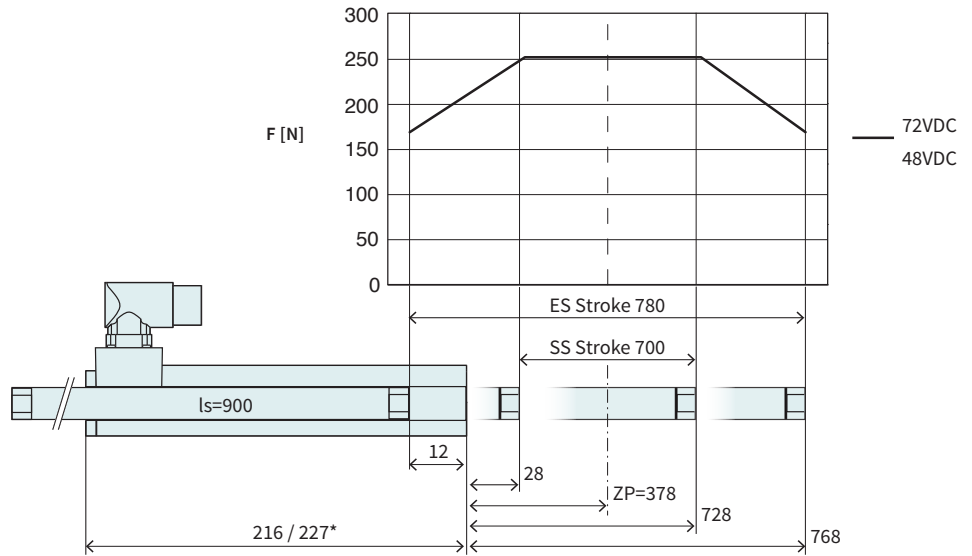


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

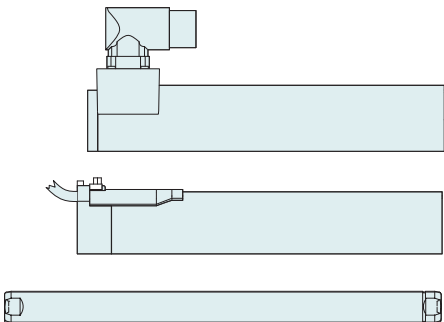
**P01-37x120F/700x780-HP**

**Max. Stroke:** 780 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/700x780-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 700 (27.6)                |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 780 (30.69)               |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 900 (35)                  |
| Slider Mass                                           | g (lb)                                   |  | 2020 (4.44)               |

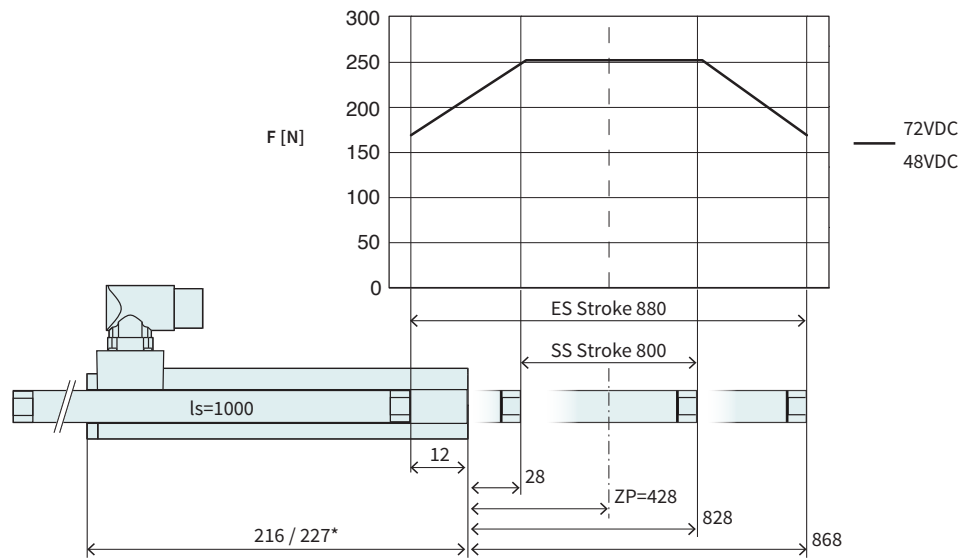


| Item                         | Description                               | Item-No.                  |
|------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>     | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>   | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

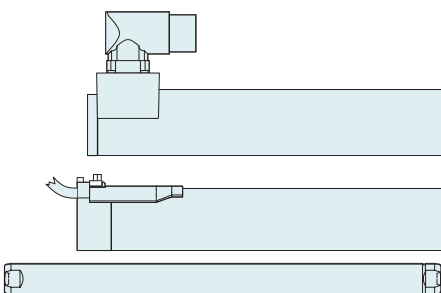
**P01-37x120F/800x880-HP**

**Max. Stroke:** 880 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/800x880-HP                 |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 800 (31.49)               |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 880 (34.6)                |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 1000 (39)                 |
| Slider Mass                                           | g (lb)                                   |  | 2230 (4.91)               |



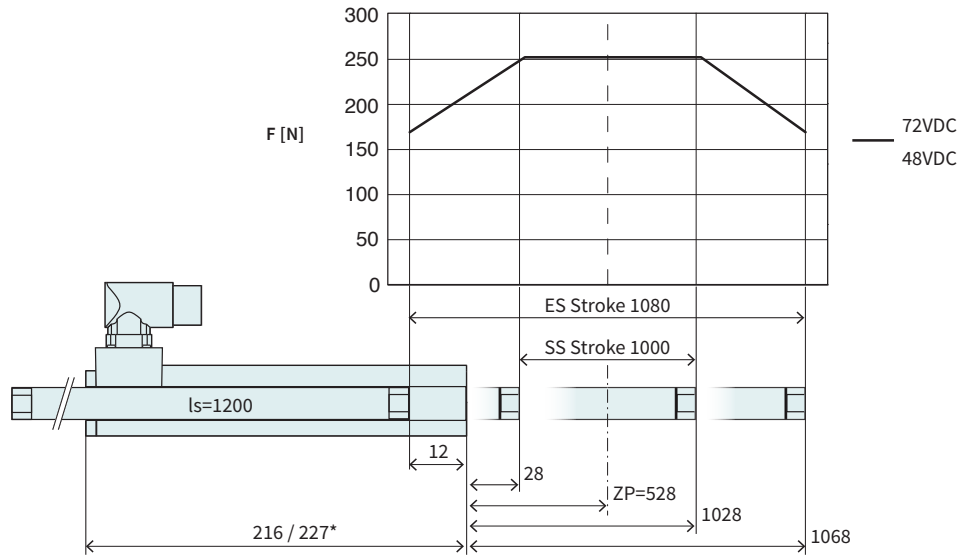
| Item                          | Description                               | Item-No.                  |
|-------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>      | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>    | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.



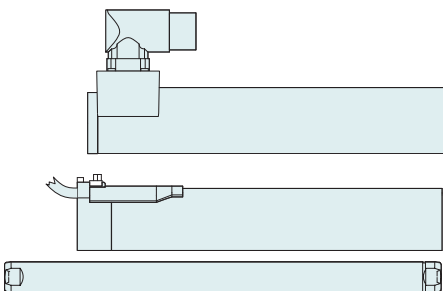
**P01-37x120F/1000x1080-HP**

**Max. Stroke:** 1080 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/1000x1080-HP               |                                          |                |               |
|-------------------------------------------------------|------------------------------------------|----------------|---------------|
| <b>Stroke</b>                                         |                                          |                |               |
| Standard Stroke (SS)                                  | mm (in)                                  | 1000           | (39.39)       |
| Extended Stroke (ES)                                  | mm (in)                                  | 1080           | (42.49)       |
| <b>Force</b>                                          |                                          |                |               |
| Max. Force @ 48VDC                                    | N (lbf)                                  | 255            | (57.3)        |
| Max. Force @ 72VDC                                    | N (lbf)                                  | 255            | (57.3)        |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                                        | 67             |               |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) | 17             | (3.82)        |
| <b>Velocity</b>                                       |                                          |                |               |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               | 3.8            | (149.9)       |
| <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>                          | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          | 2.8 / 5.1 / -  |               |
| <b>Thermal Data</b>                                   |                                          |                |               |
| Max. Winding Temperature (Sensor)                     | °C                                       | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        | 1200 / 350 / - |               |
| <b>Mechanical Data</b>                                |                                          |                |               |
| Slider Length                                         | mm (in)                                  | 1200           | (47)          |
| Slider Mass                                           | g (lb)                                   | 2690           | (5.92)        |



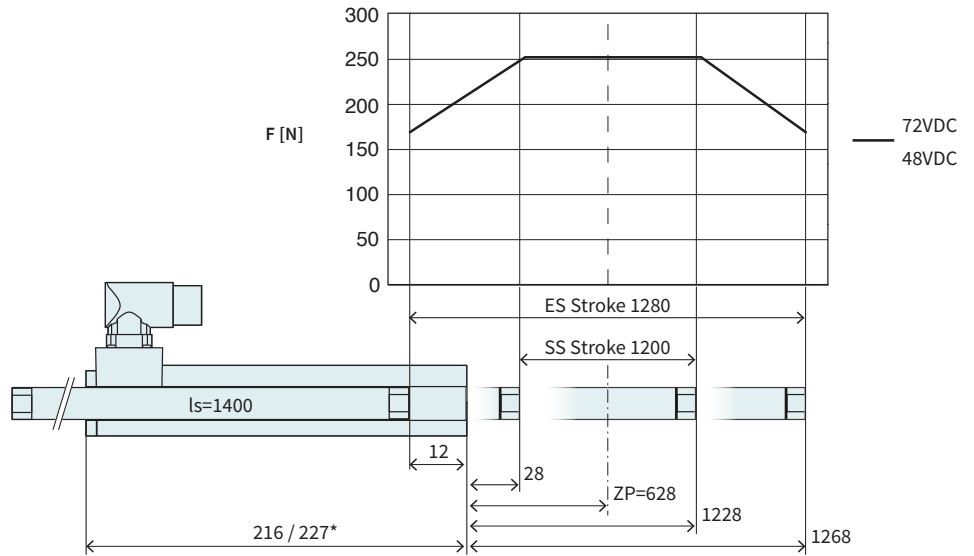
| Item                           | Description                               | Item-No.                  |
|--------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>       | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>     | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

**P01-37x120F/1200x1280-HP**

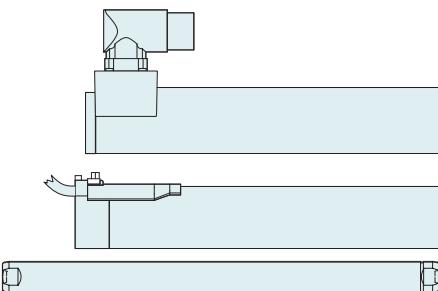
3

**Max. Stroke:** 1280 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

| Technical Data P01-37x120F/1200x1280-HP               |                                          |                |               |
|-------------------------------------------------------|------------------------------------------|----------------|---------------|
| <b>Stroke</b>                                         |                                          |                |               |
| Standard Stroke (SS)                                  | mm (in)                                  | 1200 (47.2)    |               |
| Extended Stroke (ES)                                  | mm (in)                                  | 1280 (50.39)   |               |
| <b>Force</b>                                          |                                          |                |               |
| Max. Force @ 48VDC                                    | N (lbf)                                  | 255 (57.3)     |               |
| Max. Force @ 72VDC                                    | N (lbf)                                  | 255 (57.3)     |               |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  | 48 / 87 / -    | (11 / 20 / -) |
| Max. Border Force relative                            | %                                        | 67             |               |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) | 17             | (3.82)        |
| <b>Velocity</b>                                       |                                          |                |               |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               | 2.5            | (99.9)        |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               | 3.8            | (149.9)       |
| <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>                          | 14.9           |               |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          | 14.9           |               |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          | 2.8 / 5.1 / -  |               |
| <b>Thermal Data</b>                                   |                                          |                |               |
| Max. Winding Temperature (Sensor)                     | °C                                       | 120            |               |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | °K/W                                     | 2.9 / 0.88 / - |               |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        | 1200 / 350 / - |               |
| <b>Mechanical Data</b>                                |                                          |                |               |
| Slider Length                                         | mm (in)                                  | 1400           | (55)          |
| Slider Mass                                           | g (lb)                                   | 3160           | (6.95)        |

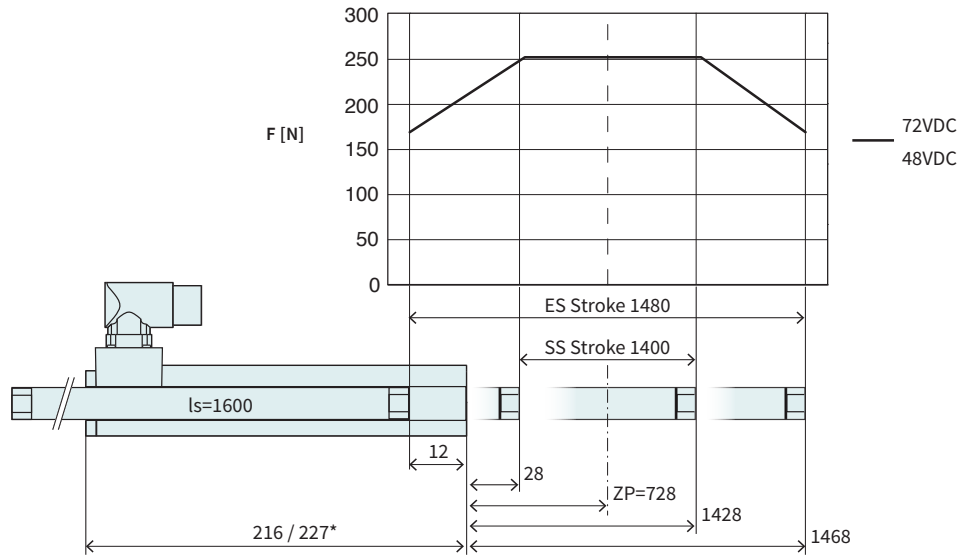


| Item                           | Description                               | Item-No.                  |
|--------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>       | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>     | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

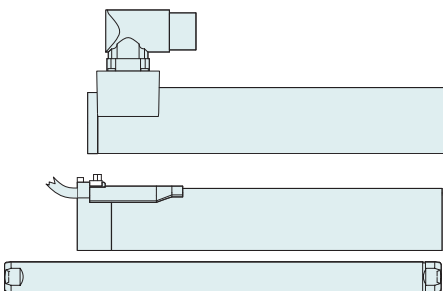
**P01-37x120F/1400x1480-HP**

**Max. Stroke:** 1480 mm  
**Peak Force:** 255 N



Dimensions in mm  
 \*Cable Type

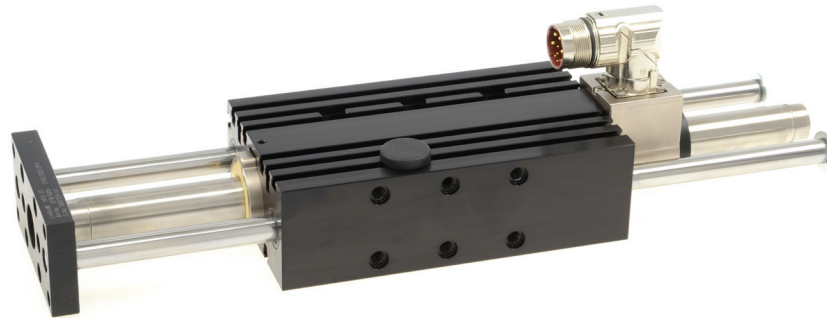
| Technical Data P01-37x120F/1400x1480-HP               |                                          |  |                           |
|-------------------------------------------------------|------------------------------------------|--|---------------------------|
| <b>Stroke</b>                                         |                                          |  |                           |
| Standard Stroke (SS)                                  | mm (in)                                  |  | 1400 (55.1)               |
| Extended Stroke (ES)                                  | mm (in)                                  |  | 1480 (58.29)              |
| <b>Force</b>                                          |                                          |  |                           |
| Max. Force @ 48VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Force @ 72VDC                                    | N (lbf)                                  |  | 255 (57.3)                |
| Max. Cont. Force [Passive cooling / Fan / Fluid]      | N (lbf)                                  |  | 48 / 87 / - (11 / 20 / -) |
| Max. Border Force relative                            | %                                        |  | 67                        |
| Force Constant                                        | N/A <sub>pk</sub> (lbf/A <sub>pk</sub> ) |  | 17 (3.82)                 |
| <b>Velocity</b>                                       |                                          |  |                           |
| Max. Velocity @ 48VDC                                 | m/s (in/s)                               |  | 2.5 (99.9)                |
| Max. Velocity @ 72VDC                                 | m/s (in/s)                               |  | 3.8 (149.9)               |
| <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>                          |  | 14.9                      |
| Max. Current @ 72VDC                                  | A <sub>pk</sub>                          |  | 14.9                      |
| Max. Cont. Current [Passive cooling / Fan / Fluid]    | A <sub>pk</sub>                          |  | 2.8 / 5.1 / -             |
| <b>Thermal Data</b>                                   |                                          |  |                           |
| Max. Winding Temperature (Sensor)                     | °C                                       |  | 120                       |
| Thermal Resistance [Passive cooling / Fan / Fluid]    | *K/W                                     |  | 2.9 / 0.88 / -            |
| Thermal Time Constant [Passive cooling / Fan / Fluid] | s                                        |  | 1200 / 350 / -            |
| <b>Mechanical Data</b>                                |                                          |  |                           |
| Slider Length                                         | mm (in)                                  |  | 1600 (63)                 |
| Slider Mass                                           | g (lb)                                   |  | 3620 (7.96)               |



| Item                           | Description                               | Item-No.                  |
|--------------------------------|-------------------------------------------|---------------------------|
| <b>PS01-37x120F-HP-C</b>       | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
| <b>PS01-37x120F-HP-C20</b>     | Stator HP, 0.2 m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</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.

**Linear Guides H01**



**HM01-37x120/80 | Linear Module 37x120 with 80 mm Stroke**

|   |         |                     |                                          |                           |
|---|---------|---------------------|------------------------------------------|---------------------------|
| → | H-Guide | H01-37x166/80       | H-Guide for P01-37x120, Stroke max 80 mm | <a href="#">0150-5020</a> |
|   |         | H01-37x166/80-GF    | H-Guide for P01-37x120, Stroke max 80 mm | <a href="#">0150-5080</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)   | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |
| → | Slider  | PL01-20x300/240-HP  | Slider 'High Performance'                | <a href="#">0150-1506</a> |
|   |         | PL02-20x300/240-HP  | Slider 'heavy duty' 'High Performance'   | <a href="#">0150-2163</a> |

**HM01-37x120/180 | Linear Module 37x120 with 180 mm Stroke**

|   |         |                     |                                           |                           |
|---|---------|---------------------|-------------------------------------------|---------------------------|
| → | H-Guide | H01-37x166/180      | H-Guide for P01-37x120, Stroke max 180 mm | <a href="#">0150-5021</a> |
|   |         | H01-37x166/180-GF   | H-Guide for P01-37x120, Stroke max 180mm  | <a href="#">0150-5081</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)    | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m)  | <a href="#">0150-1252</a> |
| → | Slider  | PL01-20x400/340-HP  | Slider 'High Performance'                 | <a href="#">0150-1508</a> |
|   |         | PL02-20x400/340-HP  | Slider 'heavy duty' 'High Performance'    | <a href="#">0150-2165</a> |

**HM01-37x120/280 | Linear Module 37x120 with 280 mm Stroke**

|   |         |                     |                                          |                           |
|---|---------|---------------------|------------------------------------------|---------------------------|
| → | H-Guide | H01-37x166/280      | H-Guide for P01-37x120, Stroke max 280mm | <a href="#">0150-5022</a> |
|   |         | H01-37x166/280-GF   | H-Guide for P01-37x120, Stroke max 280mm | <a href="#">0150-5082</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)   | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |
| → | Slider  | PL01-20x500/440-HP  | Slider 'High Performance'                | <a href="#">0150-1509</a> |
|   |         | PL02-20x500/440-HP  | Slider 'heavy duty' 'High Performance'   | <a href="#">0150-2166</a> |

**Accessories**

|   |                  |              |                                          |                           |
|---|------------------|--------------|------------------------------------------|---------------------------|
| → | Brake            | HB01-37      | Pneumatic Brake for H01-37/600N (4-6Bar) | <a href="#">0150-5052</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/H37  | Adapter MagSpring 37&20 / H-Guide 37     | <a href="#">0250-0117</a> |
| → | Centering sleeve | HC01-09/04   | Centering sleeve D9x4 mm                 | <a href="#">0150-3251</a> |
| → | Wipers           | HA01-27/20-F | Wiper for H01-37 guides, front side      | <a href="#">0150-5108</a> |

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

**Bridge Guide B01**



**BM01-37x120/160 | Bridge Module 37x120 with 160 mm Stroke <sup>1)</sup>**

|   |         |                     |                                          |                           |
|---|---------|---------------------|------------------------------------------|---------------------------|
| → | B-Guide | B01-37x166/160      | B-Guide for P01-37x120, Stroke max 160mm | <a href="#">0150-5138</a> |
|   |         | B01-37x166/160-GF   | B-Guide for P01-37x120, Stroke max 160mm | <a href="#">0150-5141</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)   | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |
| → | Slider  | PL01-19x395/320     | Slider 'high clearance'                  | <a href="#">0150-1452</a> |

**BM01-37x120/260 | Bridge Module 37x120 with 260 mm Stroke <sup>1)</sup>**

|   |         |                     |                                          |                           |
|---|---------|---------------------|------------------------------------------|---------------------------|
| → | B-Guide | B01-37x166/260      | B-Guide for P01-37x120, Stroke max 260mm | <a href="#">0150-5139</a> |
|   |         | B01-37x166/260-GF   | B-Guide for P01-37x120, Stroke max 260mm | <a href="#">0150-5142</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)   | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |
| → | Slider  | PL01-19x500/420     | Slider 'high clearance'                  | <a href="#">0150-1455</a> |

**BM01-37x120/360 | Bridge Module 37x120 with 360 mm Stroke <sup>1)</sup>**

|   |         |                     |                                          |                           |
|---|---------|---------------------|------------------------------------------|---------------------------|
| → | B-Guide | B01-37x166/360      | B-Guide for P01-37x120, Stroke max 360mm | <a href="#">0150-5140</a> |
|   |         | B01-37x166/360-GF   | B-Guide for P01-37x120, Stroke max 360mm | <a href="#">0150-5143</a> |
| → | Stator  | PS01-37x120F-HP-C   | Stator HP with IP67 Connector M23/9(m)   | <a href="#">0150-1251</a> |
|   |         | PS01-37x120F-HP-C20 | Stator HP, 0.2m Cable, IP67 St. M23/9(m) | <a href="#">0150-1252</a> |
| → | Slider  | PL01-19x600/520     | Slider 'high clearance'                  | <a href="#">0150-1456</a> |

**Accessories**

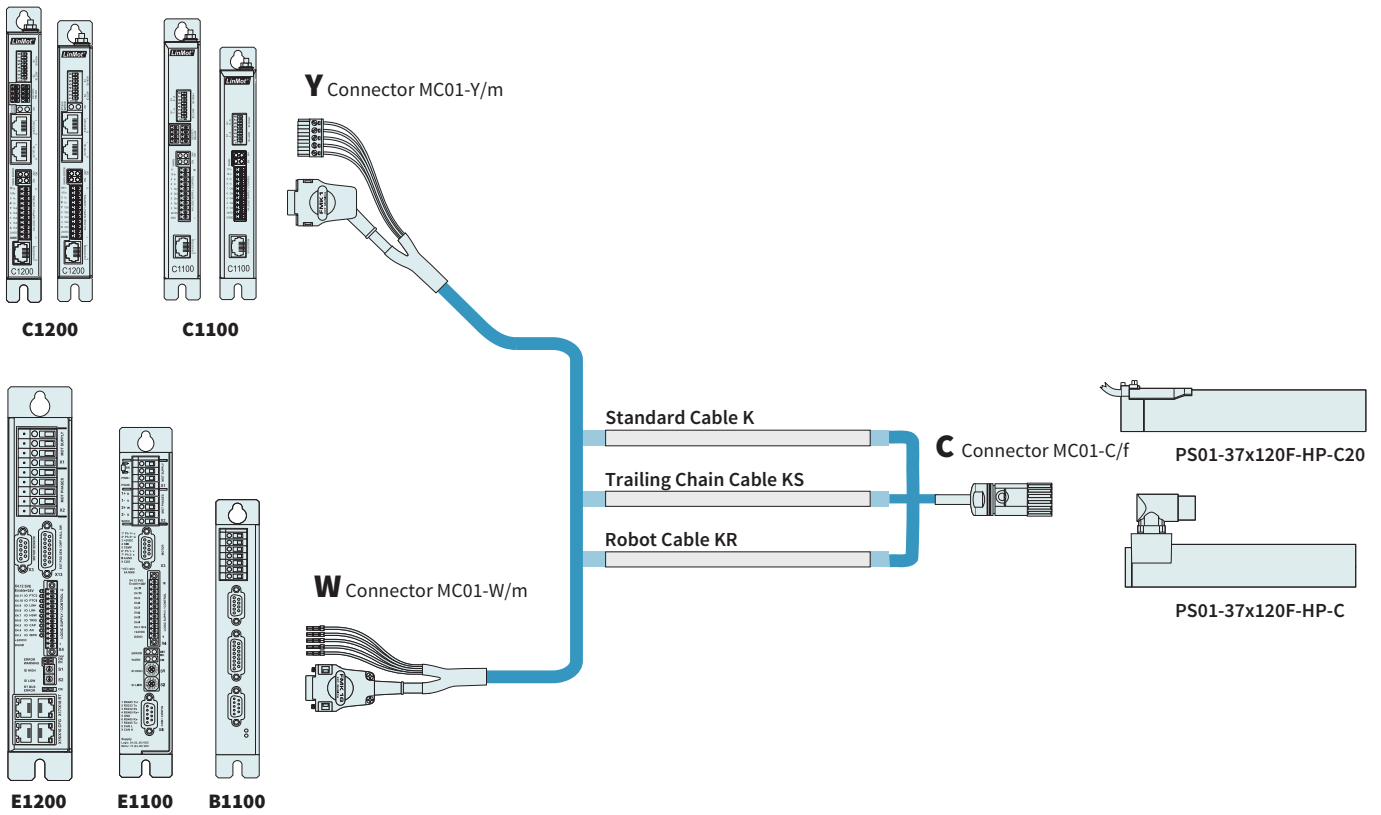
|   |                  |              |                                        |                           |
|---|------------------|--------------|----------------------------------------|---------------------------|
| → | Brake            | HB01-37      | Pneumatic brake for H01-37 guides      | <a href="#">0150-5052</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/H37  | Adapter MagSpring 37&20 / H-Guide 37   | <a href="#">0250-0117</a> |
| → | Centering sleeve | HC01-09/04   | Centering sleeve D9x4 mm               | <a href="#">0150-3251</a> |
| → | Wipers           | HA01-37/19-F | Wiper for H01-37 guides, front side    | <a href="#">0150-5177</a> |

<sup>1)</sup> The stroke is reduced by 18mm when using cable models.

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

**Motor Cable**

3



**ORDERING INFORMATION**

STANDARD CABLE

| Item               | Description                       | Item-No.                  |
|--------------------|-----------------------------------|---------------------------|
| <b>K05-W/C-2</b>   | Motor Cable W/C, 2 m              | <a href="#">0150-2123</a> |
| <b>K05-W/C-4</b>   | Motor Cable W/C, 4 m              | <a href="#">0150-2124</a> |
| <b>K05-W/C-6</b>   | Motor Cable W/C, 6 m              | <a href="#">0150-2125</a> |
| <b>K05-W/C-8</b>   | Motor Cable W/C, 8 m              | <a href="#">0150-2126</a> |
| <b>K05-W/C-</b>    | Motor Cable W/C, Custom length    | <a href="#">0150-3263</a> |
| <b>K05-Y/C-2</b>   | Motor Cable Y/R, 2 m              | <a href="#">0150-2425</a> |
| <b>K05-Y/C-4</b>   | Motor Cable Y/R, 4 m              | <a href="#">0150-2426</a> |
| <b>K05-Y/C-6</b>   | Motor Cable Y/R, 6 m              | <a href="#">0150-2427</a> |
| <b>K05-Y/C-8</b>   | Motor Cable Y/R, 8 m              | <a href="#">0150-2428</a> |
| <b>K05-Y-Fe/C-</b> | Motor Cable Y-Fe/R, Custom length | <a href="#">0150-3502</a> |

## TRAILING CHAIN CABLE

| Item              | Description                                | Item-No.                  |
|-------------------|--------------------------------------------|---------------------------|
| <b>KS05-W/C-4</b> | Trailing Chain Cable W/C, 4 m              | <a href="#">0150-2127</a> |
| <b>KS05-W/C-6</b> | Trailing Chain Cable W/C, 6 m              | <a href="#">0150-2128</a> |
| <b>KS05-W/C-8</b> | Trailing Chain Cable W/C, 8 m              | <a href="#">0150-2129</a> |
| <b>KS05-W/C-</b>  | Trailing Chain Cable W/C, Custom length    | <a href="#">0150-3204</a> |
| <b>KS05-Y/C-4</b> | Trailing Chain Cable Y/C, 4 m              | <a href="#">0150-2436</a> |
| <b>KS05-Y/C-6</b> | Trailing Chain Cable Y/C, 6 m              | <a href="#">0150-2437</a> |
| <b>KS05-Y/C-8</b> | Trailing Chain Cable Y/C, 8 m              | <a href="#">0150-2438</a> |
| <b>KS05-Y/C-</b>  | Trailing Chain Cable Y-Fe/C, Custom length | <a href="#">0150-3508</a> |

## ROBOT CABLE

| Item                | Description                            | Item-No.                  |
|---------------------|----------------------------------------|---------------------------|
| <b>KR05-W/C-</b>    | Robot Cable KR05-W/C, Custom length    | <a href="#">0150-3644</a> |
| <b>KR05-Y-Fe/C-</b> | Robot Cable KR05-Y-Fe/C, Custom length | <a href="#">0150-3513</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>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> |

**MOTOR FLANGES**



| Item        | Description      | Item-No.                  |
|-------------|------------------|---------------------------|
| PF02-37x100 | Flange 37x100 mm | <a href="#">0150-1998</a> |
| PF02-37x140 | Flange 37x140 mm | <a href="#">0150-2105</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.                  |
|-------------|-------------------------------------------------------------|---------------------------|
| PLF01-20    | Fixed Bearing Set for 19mm and 20mm Slider                  | <a href="#">0150-3083</a> |
| PLF01-20-SS | Fixed Bearing Set for 19mm and 20mm Slider, Stainless steel | <a href="#">0150-3296</a> |
| PLL01-19    | Floating Bearing for PL01-19 Slider                         | <a href="#">0150-3335</a> |
| PLL01-20    | Floating Bearing for PL01-20 Slider                         | <a href="#">0150-3084</a> |
| PLM01-20-MK | Mounting Kit for PL01-20 Slider                             | <a href="#">0150-3079</a> |

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".



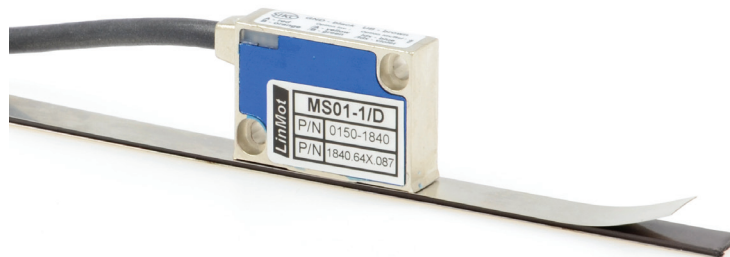
**WIPERS**



| Item                      | Description                       | Item-No.                  |
|---------------------------|-----------------------------------|---------------------------|
| <b>PA01-37/19-F</b>       | Wipers for PS01-37x...            | <a href="#">0150-3225</a> |
| <b>PA01-37/19-R</b>       | Wipers for PS01-37x...-C          | <a href="#">0150-3226</a> |
| <b>PA01-37/19-R cable</b> | Wipers for PS01-37x... Cable Type | <a href="#">0150-3227</a> |
| <b>PA01-37/20-F</b>       | Wipers for PS01-37x...            | <a href="#">0150-3126</a> |
| <b>PA01-37/20-R</b>       | Wipers for PS01-37x...-C          | <a href="#">0150-3201</a> |
| <b>PA01-37/20-R cable</b> | Wipers for PS01-37x...-Cable Type | <a href="#">0150-3221</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".