

# LINEAR MOTORS P10-54x240U



- ✓ 230VAC and 3 x 400VAC technology
- ✓ Peak forces up to 669 N
- ✓ LinMot Encoder or Incremental Encoder
- ✓ Extremely high dynamic
- ✓ Rotating push-pull TWIN connector for power and encoder cables
- ✓ Can also be controlled by standard third-party servo drives

**LINEAR MOTORS P10-54x240U**

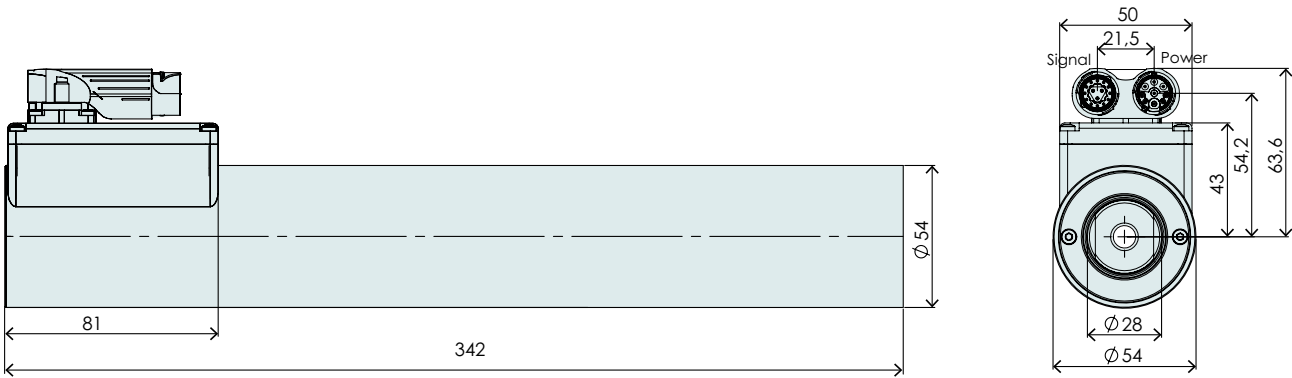
<b>Technical Data</b> .....	<b>445</b>
<b>Motor Specifications</b>	
P10-54x240U/10 .....	<b>450</b>
P10-54x240U/100 .....	<b>451</b>
P10-54x240U/220 .....	<b>452</b>
P10-54x240U/310 .....	<b>453</b>
P10-54x240U/400 .....	<b>454</b>
P10-54x240U/520 .....	<b>455</b>
P10-54x240U/610 .....	<b>456</b>
P10-54x240U/820 .....	<b>457</b>
P10-54x240U/1000 .....	<b>458</b>
P10-54x240U/1210 .....	<b>459</b>
P10-54x240U/1420 .....	<b>460</b>
P10-54x240U/1600 .....	<b>461</b>
<b>Accessories</b> .....	<b>462</b>



## MOTOR FAMILY P10-54x240U

Technical Data				
<b>Stroke</b>				
Max. Stroke (ES)	mm	(in)	1600	(63)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(279.9)
<b>Position Detection</b>				
Position Resolution	mm	(in)	0.007	(0.0003)
Repeatability	mm	(in)	±0.05	(±0.002)
Position Resolution with ES	mm	(in)	0.001	(0.00004)
Repeatability with ES	mm	(in)	±0.01	(±0.0004)
Linearity with ES	mm	(in)	±0.01	(±0.0004)
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
Back EMF Constant	V <sub>pk</sub> / (m/s)	(V <sub>pk</sub> / (in/s))	50.8	(1.29)
Terminal Resistance 25 °C / 120 °C	Ohm		7.5 / 10	
Terminal Inductivity	mH		6	
Magnetic Period	mm	(in)	60	(2.35)
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Stator Diameter	mm	(in)	54	(2.1)
Stator Length	mm	(in)	342	(13)
Stator Mass	g	(lb)	2710	(5.96)
Slider Diameter	mm	(in)	28	(1.1)
Slider Length	mm	(in)	410 - 2000	(16 - 79)
Slider Mass	g	(lb)	1740 - 9140	(3.83 - 20.11)
IP Code			IP 65	

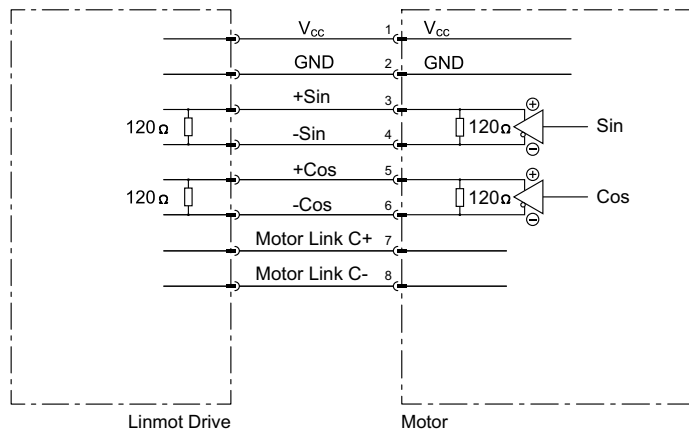
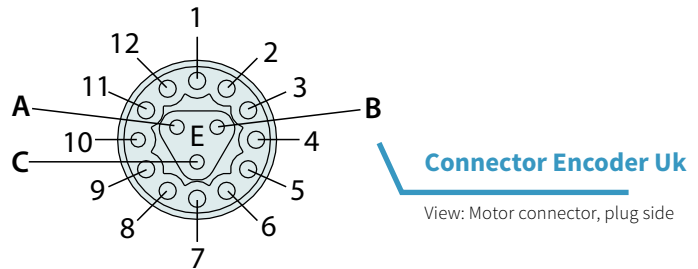
**STATOR**



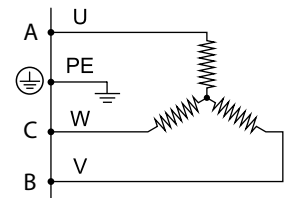
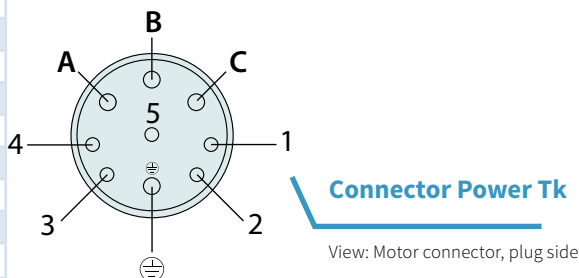
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>

**CONNECTOR PS10-54x240U-BL-TU**

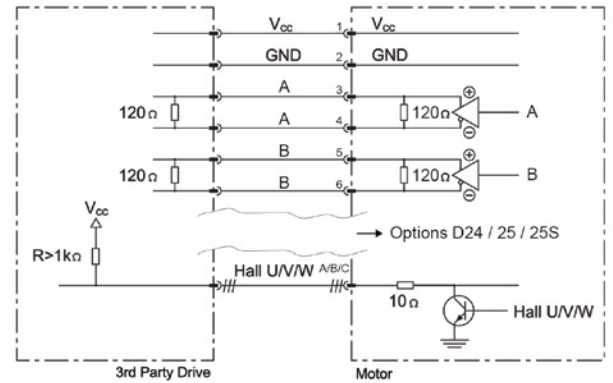
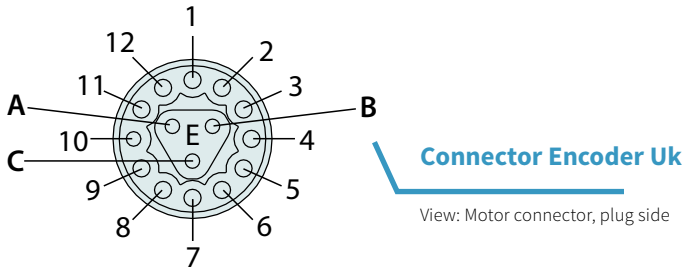
Motor Connector Wiring	Connector Encoder Uk	Wire Color Motor Cable	
+Vcc	Supply	1	red
GND	Supply	2	black
Sin+	Encoder	3	yellow
Sin-	Encoder	4	orange
Cos+	Encoder	5	green
Cos-	Encoder	6	blue
Mot. Link C+	Communication	7	pink
Mot. Link C-	Communication	8	grey
n. c.	n. c.	9	n. c.
n. c.	n. c.	10	n. c.
n. c.	n. c.	11	n. c.
n. c.	n. c.	12	n. c.
n. c.	n. c.	A	n. c.
n. c.	n. c.	B	n. c.
n. c.	n. c.	C	n. c.



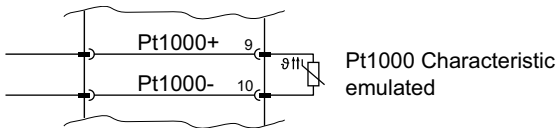
Motor Steckerbelegung	Connector Power Tk	Wire Color Motor Cable
Phase U	A	red
PE	PE	yellow-green
Phase V	B	blue
Phase W	C	green
n. c.	1	n. c.
n. c.	2	n. c.
n. c.	3	n. c.
n. c.	4	n. c.
n. c.	5	n. c.



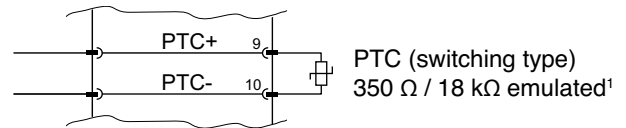
**CONNECTOR PS10-54X240U-BL-TU-D24 / 25 / 25S**



**PS10-54x120U-BL-TU-D24**



**PS10-54x120U-BL-TU-D25  
PS10-54x120U-BL-TU-D25S**

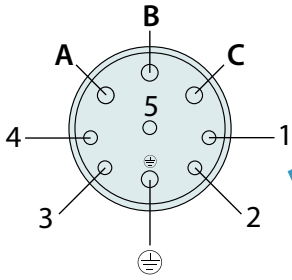


Motor Connector Wiring				
PS10-54x240U-BL-TU-D24	PS10-54x240U-BL-TU-D25 PS10-54x240U-BL-TU-D25S	Function	Connector Encoder Uk	Wire Color Motor Cable
+Vcc	+Vcc	Supply	1	white
GND	GND	Supply	2	brown
A	A	Encoder	3	grey
/A	/A	Encoder	4	pink
B	B	Encoder	5	blue
/B	/B	Encoder	6	red
-	-	-	7	green (do not connect)
-	-	-	8	yellow (do not connect)
Pt1000+	PTC+	Temp. <sup>2</sup>	9	yellow-brown
Pt1000-	PTC-	Temp. <sup>2</sup>	10	white-yellow
REF+	REF+	Encoder	11	black
REF-	REF-	Encoder	12	purple
Hall U	Hall U	Encoder	A	grey-red
Hall V	Hall V	Encoder	B	red-blue
Hall W	Hall W	Encoder	C	white-green

1) under 350 Ω = no fault, over 18 kΩ = Fault

2) The temperature evaluation circuit must be powered from the encoder supply and must be at the same potential.

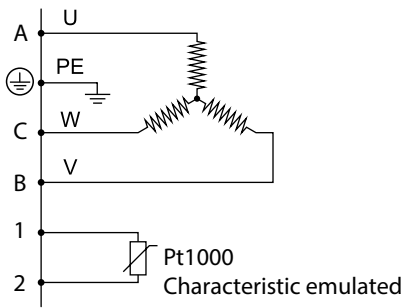
The grounds of the temperature evaluation circuit and the encoder have to be connected. The encoder must have been powered on for at least 50 ms, before valid temperatures can be measured. If the encoder is powered off, 20k Ohms are measured between Pins 9 and 10.



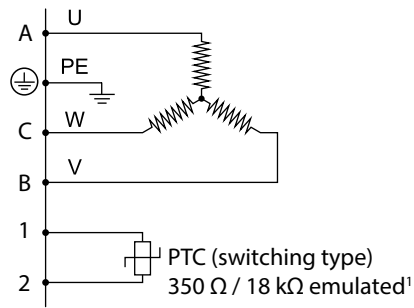
**Connector Power Tk**

View: Motor connector, plug side

**PS10-54x240U-BL-TU-D24**



**PS10-54x240U-BL-TU-D25  
PS10-54x240U-BL-TU-D25S**



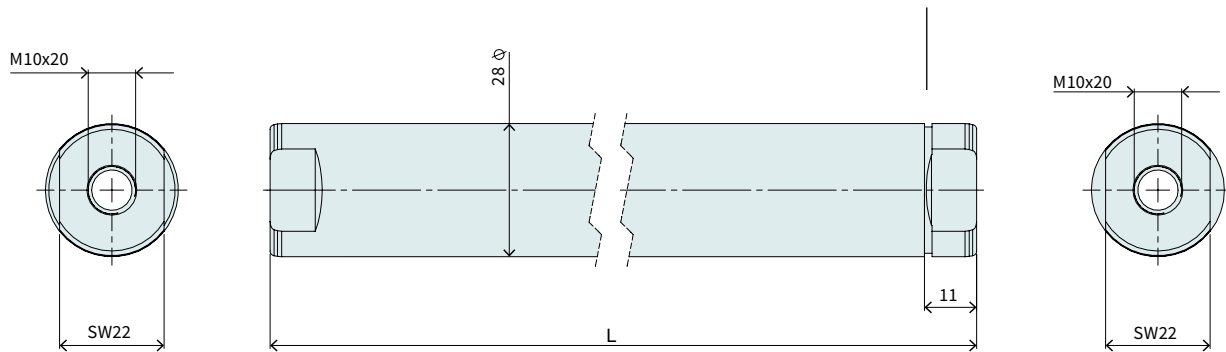
Motor Connector Wiring			
PS10-54x240U-BL-TU-D24	PS10-54x240U-BL-TU-D25 PS10-54x240U-BL-TU-D25S	Connector Power Tk	Wire Color Motor Cable
Phase U	Phase U	A	red
PE	PE	PE	yellow-green
Phase V	Phase V	B	blue
Phase W	Phase W	C	green
Pt1000+	PTC+	1	turquoise
Pt1000-	PTC-	2	grey
n. c.	n. c.	3	n. c.
n. c.	n. c.	4	n. c.
n. c.	n. c.	5	n. c.

1) under 350 Ω = no fault, over 18 Ω = Fault

**SLIDER**

**Slider Standard**

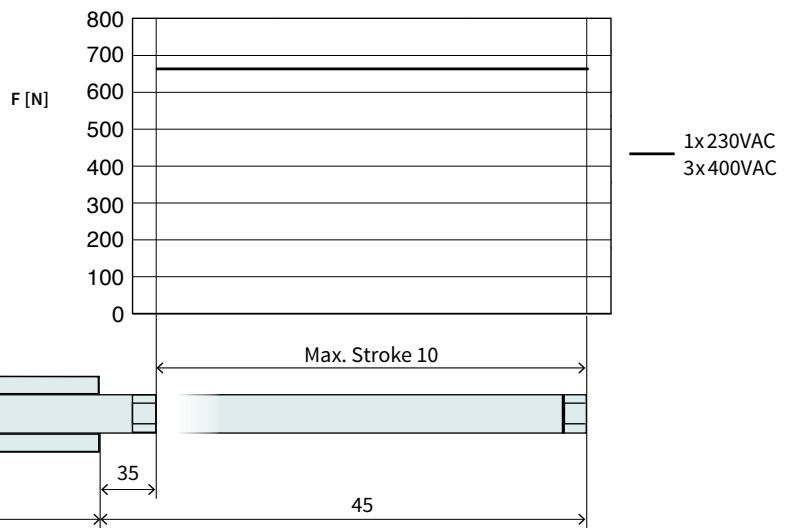
Number of grooves determines the slider type (see chapter 2 / slider) and marks the front end.



Slider Standard			
Item	Description	Max. Stroke [mm]	Item-No.
PL01-28x410/330	Slider 'standard'	10	<a href="#">0150-1381</a>
PL01-28x500/420	Slider 'standard'	100	<a href="#">0150-1382</a>
PL01-28x620/540	Slider 'standard'	220	<a href="#">0150-1383</a>
PL01-28x710/630	Slider 'standard'	310	<a href="#">0150-1384</a>
PL01-28x800/720	Slider 'standard'	400	<a href="#">0150-1385</a>
PL01-28x920/840	Slider 'standard'	520	<a href="#">0150-1386</a>
PL01-28x1010/930	Slider 'standard'	610	<a href="#">0150-1387</a>
PL01-28x1220/1140	Slider 'standard'	820	<a href="#">0150-1388</a>
PL01-28x1400/1320	Slider 'standard'	1000	<a href="#">0150-1389</a>
PL01-28x1610/1530	Slider 'standard'	1210	<a href="#">0150-1390</a>
PL01-28x1820/1740	Slider 'standard'	1420	<a href="#">0150-1395</a>
PL01-28x2000/1920	Slider 'standard'	1600	<a href="#">0150-1396</a>

**P10-54x240U/10-BL-TU**

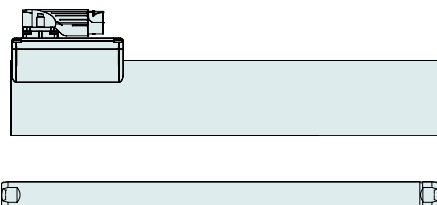
**Max. Stroke:** 10 mm  
**Peak Force:** 669 N



Dimensions in mm

Technical Data P10-54x240U/10

Technical Data P10-54x240U/10				
<b>Stroke</b>				
Max. Stroke	mm (in)		10	(0.39)
<b>Force</b>				
Max. Force @ 1x230VAC	N (lbf)		669	(150)
Max. Force @ 3x400VAC	N (lbf)		669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )		62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 7.6	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm (in)		410	(16)
Slider Mass	g (lb)		1740	(3.83)

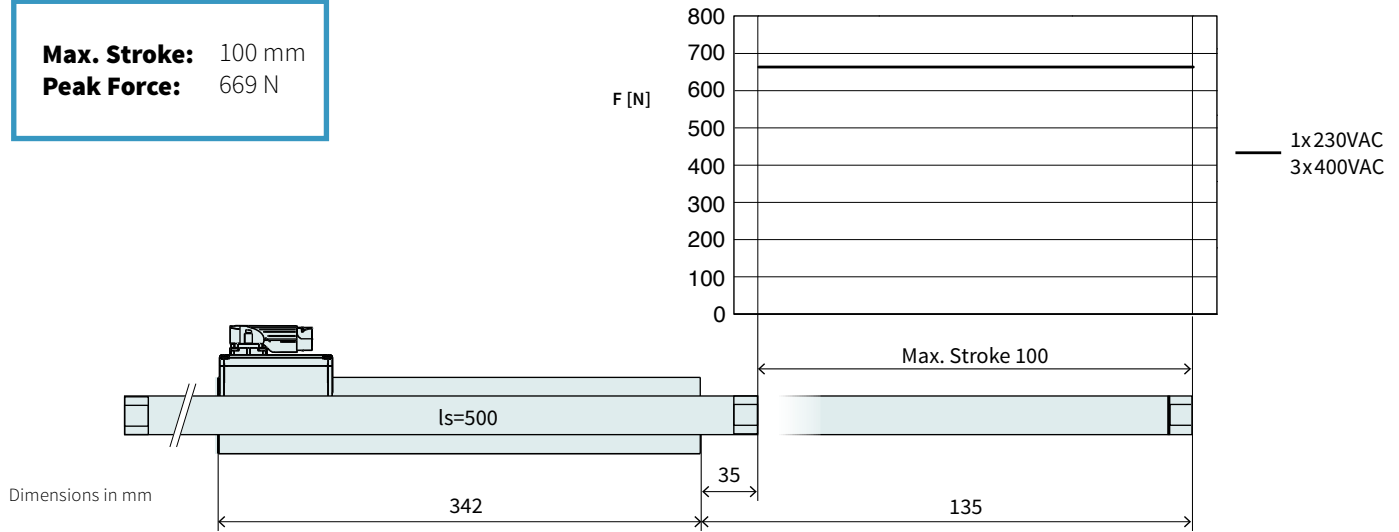


Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x410/330</b>	Slider 'standard'	<a href="#">0150-1381</a>

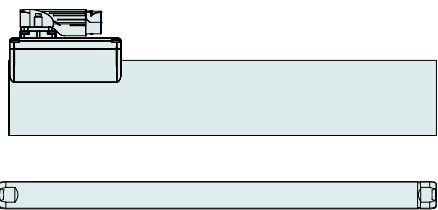


**P10-54x240U/100-BL-TU**

**Max. Stroke:** 100 mm  
**Peak Force:** 669 N



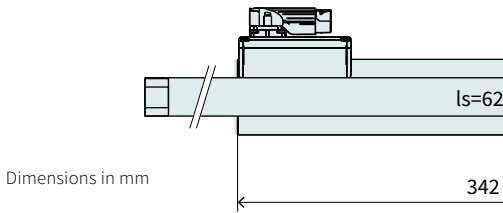
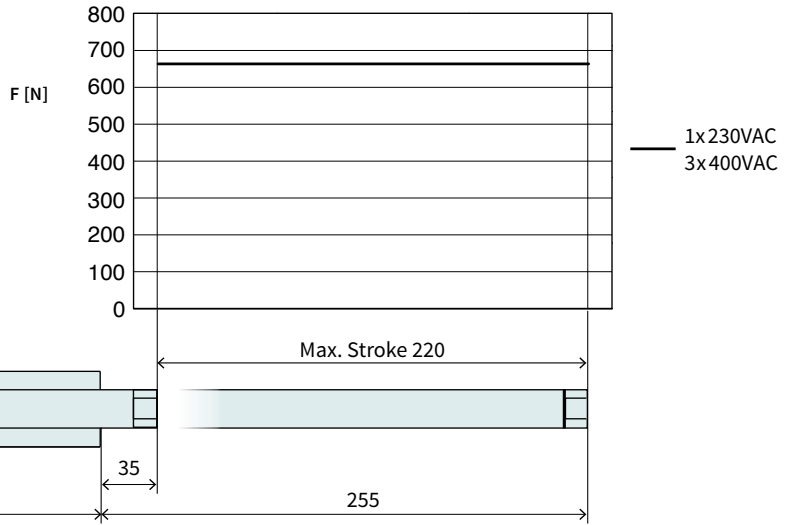
Technical Data P10-54x240U/100				
<b>Stroke</b>				
Max. Stroke	mm	(in)	100	(3.93)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		±0.85	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	500	(20)
Slider Mass	g	(lb)	2160	(4.75)



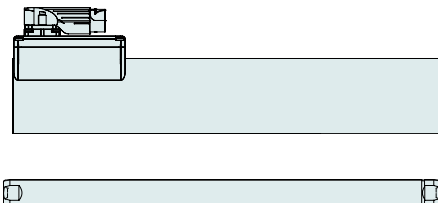
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x500/420</b>	Slider 'standard'	<a href="#">0150-1382</a>

**P10-54x240U/220-BL-TU**

**Max. Stroke:** 220 mm  
**Peak Force:** 669 N



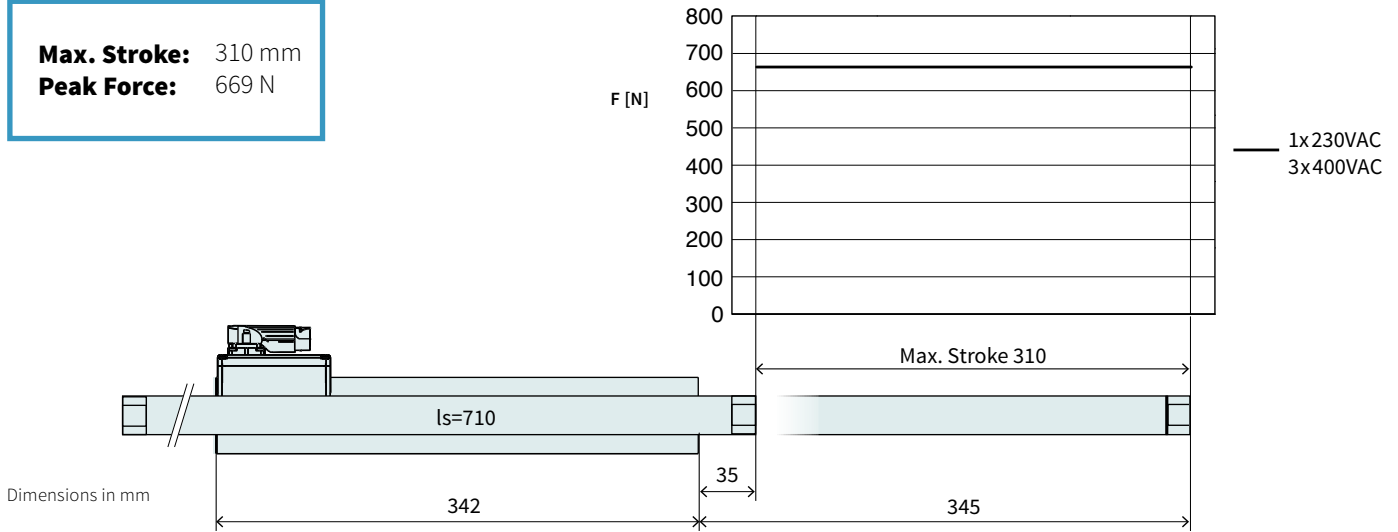
Technical Data P10-54x240U/220				
<b>Stroke</b>				
Max. Stroke	mm (in)		220	(8.65)
<b>Force</b>				
Max. Force @ 1x230VAC	N (lbf)		669	(150)
Max. Force @ 3x400VAC	N (lbf)		669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )		62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 0.45	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm (in)		620	(24)
Slider Mass	g (lb)		2720	(5.98)



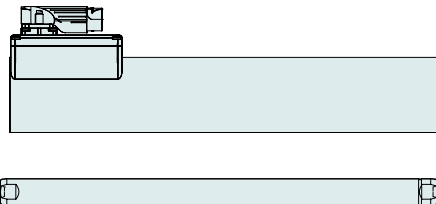
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x620/540</b>	Slider 'standard'	<a href="#">0150-1383</a>

**P10-54x240U/310-BL-TU**

**Max. Stroke:** 310 mm  
**Peak Force:** 669 N



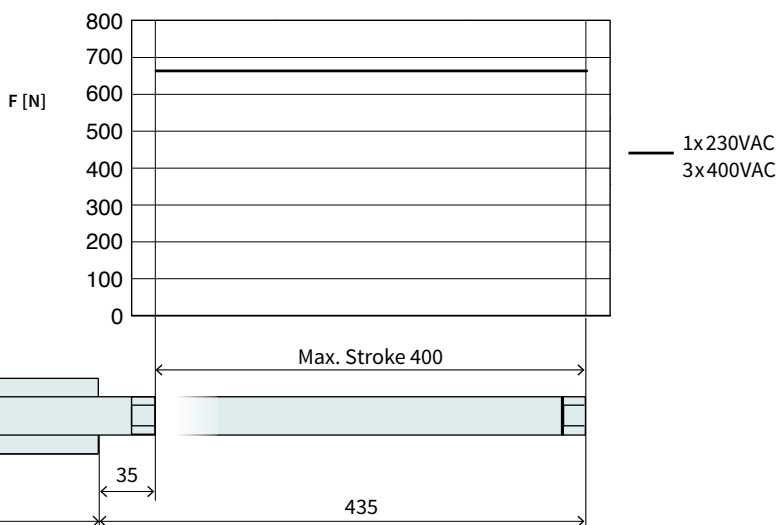
Technical Data P10-54x240U/310				
<b>Stroke</b>				
Max. Stroke	mm	(in)	310	(12.19)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		±0.35	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	710	(28)
Slider Mass	g	(lb)	3140	(6.91)



Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x710/630</b>	Slider 'standard'	<a href="#">0150-1384</a>

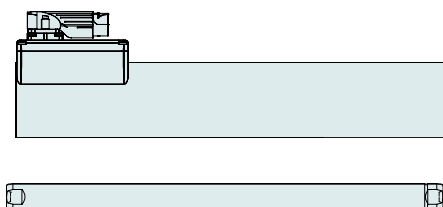
**P10-54x240U/400-BL-TU**

**Max. Stroke:** 400 mm  
**Peak Force:** 669 N



Dimensions in mm

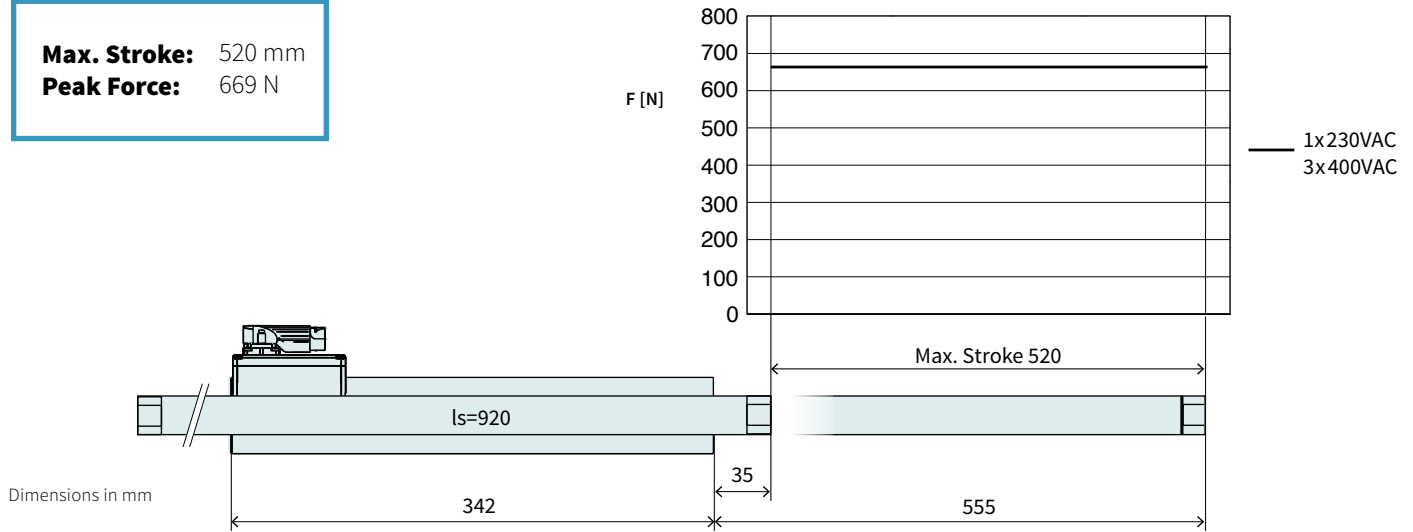
Technical Data P10-54x240U/400				
<b>Stroke</b>				
Max. Stroke	mm (in)		400	(15.69)
<b>Force</b>				
Max. Force @ 1x230VAC	N (lbf)		669	(150)
Max. Force @ 3x400VAC	N (lbf)		669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )		62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 0.3	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm (in)		800	(31)
Slider Mass	g (lb)		3560	(7.83)



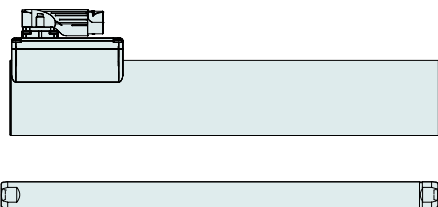
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x800/720</b>	Slider 'standard'	<a href="#">0150-1385</a>

**P10-54x240U/520-BL-TU**

**Max. Stroke:** 520 mm  
**Peak Force:** 669 N



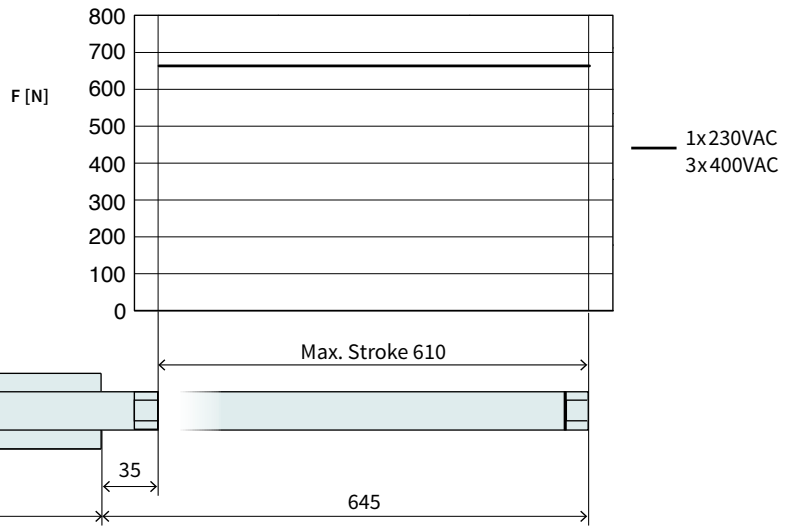
Technical Data P10-54x240U/520			
<b>Stroke</b>			
Max. Stroke	mm (in)	520	(20.49)
<b>Force</b>			
Max. Force @ 1x230VAC	N (lbf)	669	(150)
Max. Force @ 3x400VAC	N (lbf)	669	(150)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%	100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>			
Max. Velocity @ 1x230VAC	m/s (in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)	7.1	(7.1)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.25	
<b>Electrical Data</b>			
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>	15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>	15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>	1.8 / 2.4 / 3.4	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	1300 / 650 / 330	
<b>Mechanical Data</b>			
Slider Length	mm (in)	920	(36)
Slider Mass	g (lb)	4120	(9.06)



Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x920/840</b>	Slider 'standard'	<a href="#">0150-1386</a>

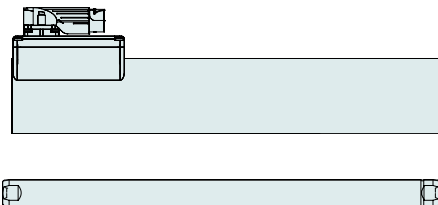
**P10-54x240U/610-BL-TU**

**Max. Stroke:** 610 mm  
**Peak Force:** 669 N



Dimensions in mm

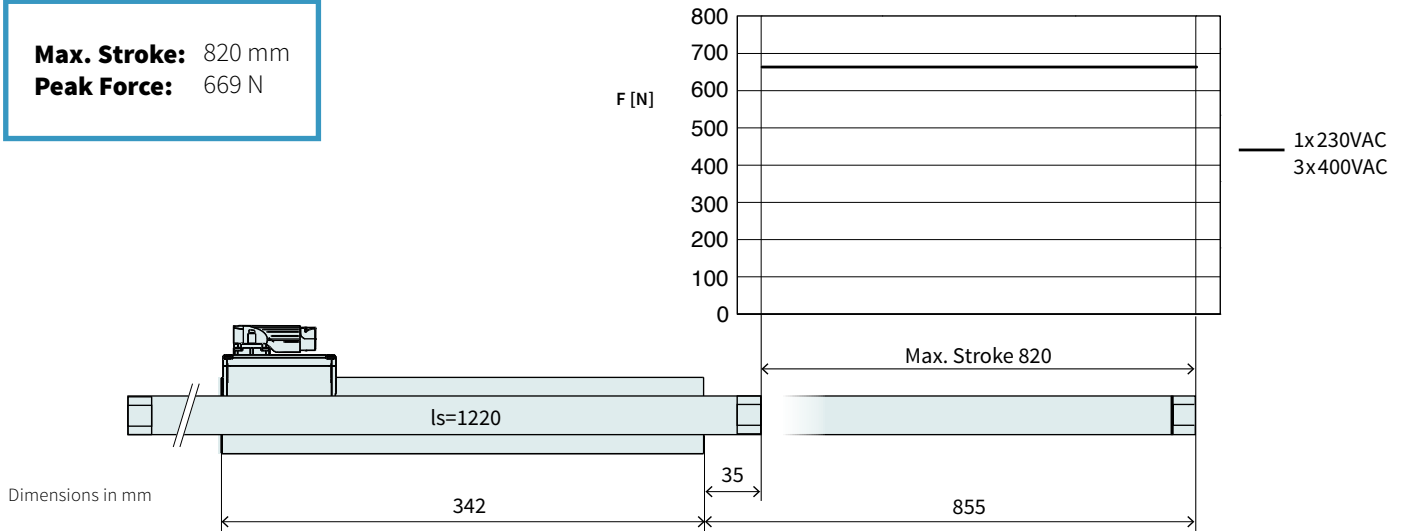
Technical Data P10-54x240U/610				
<b>Stroke</b>				
Max. Stroke	mm	(in)	610	(23.99)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.2	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	1010	(40)
Slider Mass	g	(lb)	4540	(10)



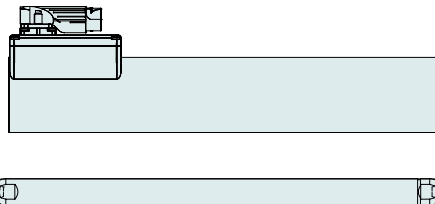
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x1010/930</b>	Slider 'standard'	<a href="#">0150-1387</a>

**P10-54x240U/820-BL-TU**

**Max. Stroke:** 820 mm  
**Peak Force:** 669 N



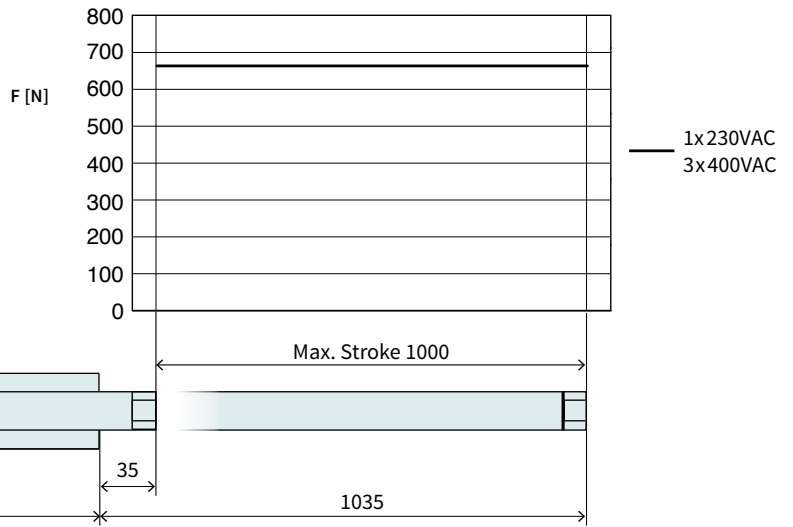
Technical Data P10-54x240U/820				
<b>Stroke</b>				
Max. Stroke	mm	(in)	820	(32.29)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.2	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	1220	(48)
Slider Mass	g	(lb)	5510	(12.12)



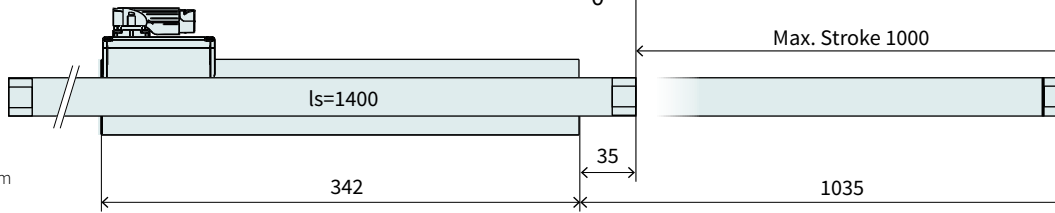
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x1220/1140</b>	Slider 'standard'	<a href="#">0150-1388</a>

**P10-54x240U/1000-BL-TU**

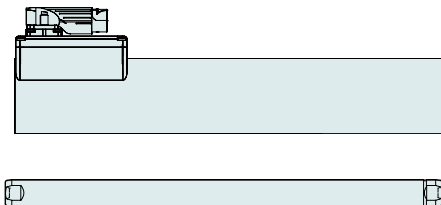
**Max. Stroke:** 1000 mm  
**Peak Force:** 669 N



Dimensions in mm



Technical Data P10-54x240U/1000				
<b>Stroke</b>				
Max. Stroke	mm (in)		1000	(39.39)
<b>Force</b>				
Max. Force @ 1x230VAC	N (lbf)		669	(150)
Max. Force @ 3x400VAC	N (lbf)		669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )		62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 0.2	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm (in)		1400	(55)
Slider Mass	g (lb)		6350	(13.97)

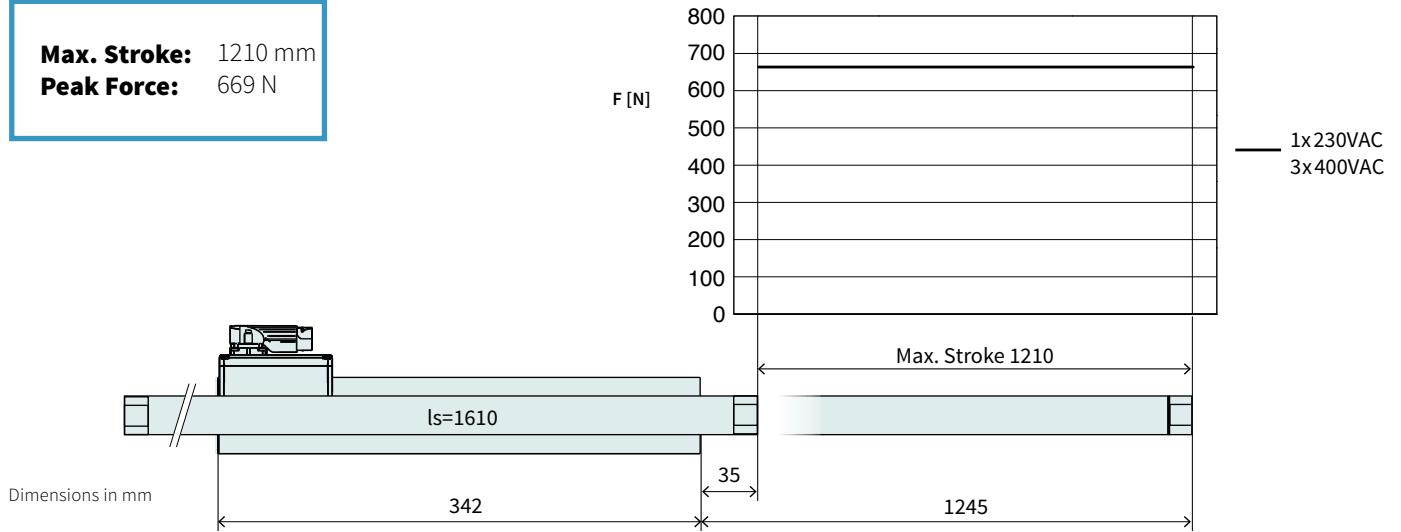


Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x1400/1320</b>	Slider 'standard'	<a href="#">0150-1389</a>

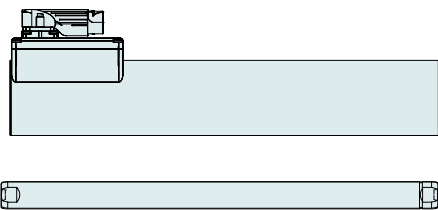


**P10-54x240U/1210-BL-TU**

**Max. Stroke:** 1210 mm  
**Peak Force:** 669 N



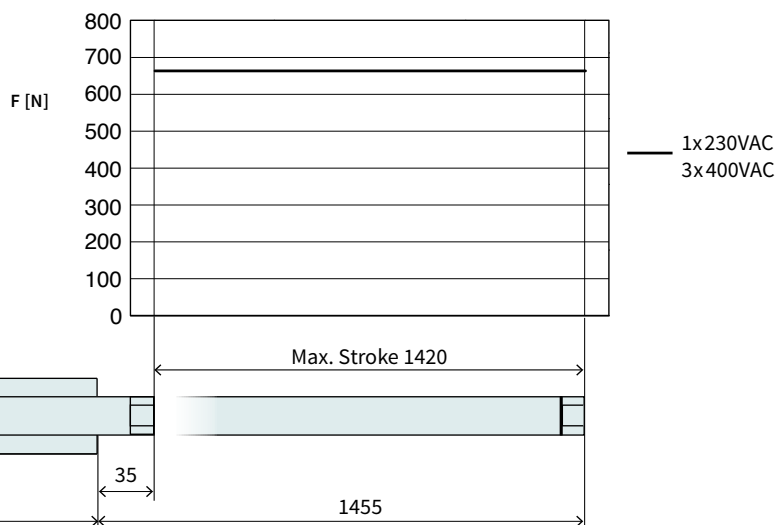
Technical Data P10-54x240U/1210			
<b>Stroke</b>			
Max. Stroke	mm (in)	1210	(47.6)
<b>Force</b>			
Max. Force @ 1x230VAC	N (lbf)	669	(150)
Max. Force @ 3x400VAC	N (lbf)	669	(150)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%	100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>			
Max. Velocity @ 1x230VAC	m/s (in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)	7.1	(7.1)
<b>Position Detection</b>			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	±0.15	
<b>Electrical Data</b>			
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>	15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>	15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>	2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>	1.8 / 2.4 / 3.4	
<b>Thermal Data</b>			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	1300 / 650 / 330	
<b>Mechanical Data</b>			
Slider Length	mm (in)	1610	(63)
Slider Mass	g (lb)	7330	(16.13)



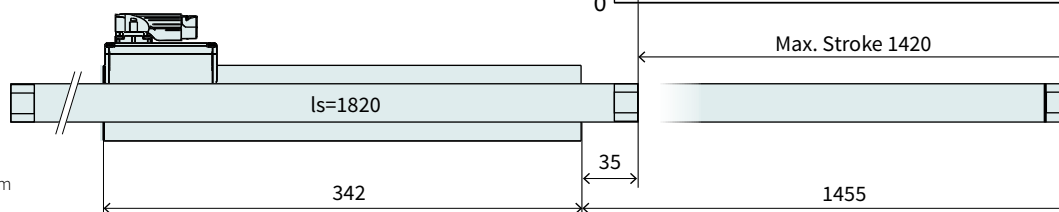
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x1610/1530</b>	Slider 'standard'	<a href="#">0150-1390</a>

**P10-54x240U/1420-BL-TU**

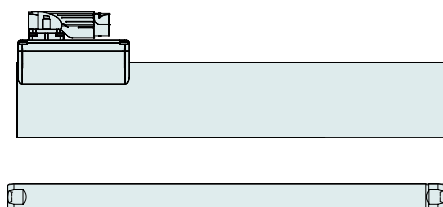
**Max. Stroke:** 1420 mm  
**Peak Force:** 669 N



Dimensions in mm



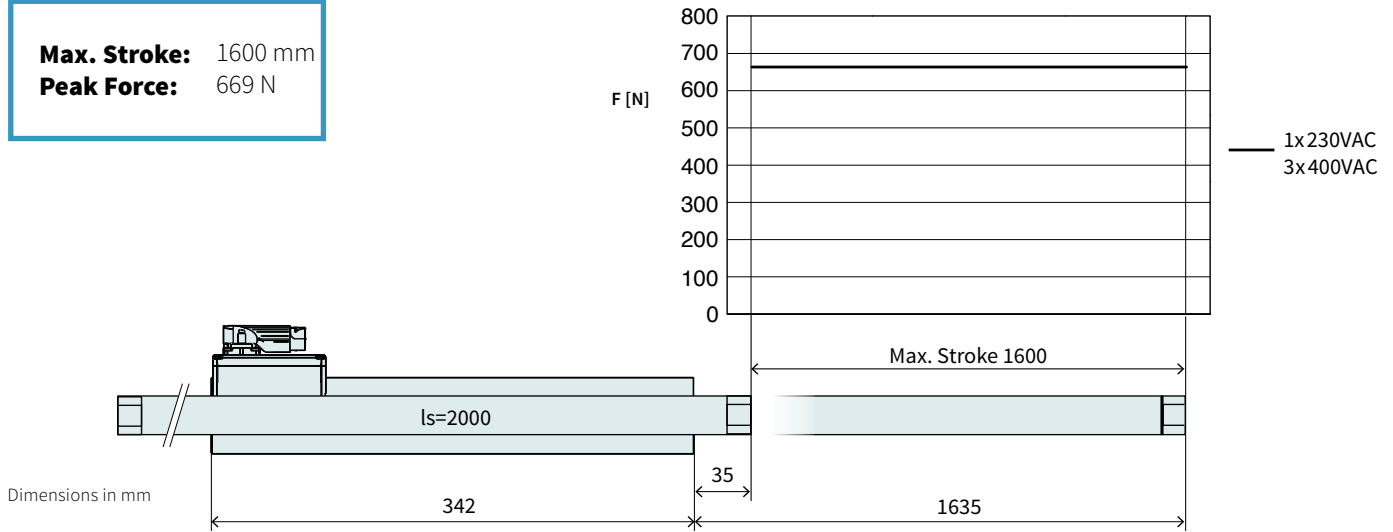
Technical Data P10-54x240U/1420				
<b>Stroke</b>				
Max. Stroke	mm (in)		1420	(55.89)
<b>Force</b>				
Max. Force @ 1x230VAC	N (lbf)		669	(150)
Max. Force @ 3x400VAC	N (lbf)		669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N (lbf)		110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative	%		100	
Force Constant 1	N/A <sub>pk</sub> (lbf/A <sub>pk</sub> )		44	(9.89)
Force Constant 2	N/A <sub>rms</sub> (lbf/A <sub>rms</sub> )		62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 0.15	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm (in)		1820	(72)
Slider Mass	g (lb)		8300	(18.26)



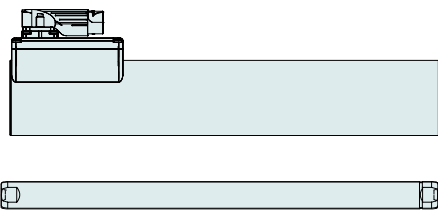
Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x1820/1740</b>	Slider 'standard'	<a href="#">0150-1395</a>

**P10-54x240U/1600-BL-TU**

**Max. Stroke:** 1600 mm  
**Peak Force:** 669 N



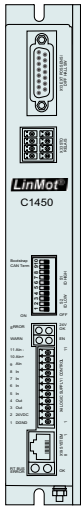
Technical Data P10-54x240U/1600				
<b>Stroke</b>				
Max. Stroke	mm	(in)	1600	(62.99)
<b>Force</b>				
Max. Force @ 1x230VAC	N	(lbf)	669	(150)
Max. Force @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative			100	
Force Constant 1	N/A <sub>pk</sub>	(lbf/A <sub>pk</sub> )	44	(9.89)
Force Constant 2	N/A <sub>rms</sub>	(lbf/A <sub>rms</sub> )	62.2	(14)
<b>Velocity</b>				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
<b>Position Detection</b>				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity			±0.15	
<b>Electrical Data</b>				
Max. Current @ 1x230VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Current @ 3x400VAC	A <sub>pk</sub> / A <sub>rms</sub>		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A <sub>pk</sub>		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A <sub>rms</sub>		1.8 / 2.4 / 3.4	
<b>Thermal Data</b>				
Max. Winding Temperature (Sensor)	°C		90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W		1.3 / 0.65 / 0.33	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s		1300 / 650 / 330	
<b>Mechanical Data</b>				
Slider Length	mm	(in)	2000	(79)
Slider Mass	g	(lb)	9140	(20.11)



Item	Description	Item-No.
<b>PS10-54x240U-BL-TU</b>	Stator 3x400VAC, LinMot Encoder	<a href="#">0150-2724</a>
<b>PS10-54x240U-BL-TU-D24</b>	Stator 3x400VAC, A/B Encoder, Pt1000	<a href="#">0150-2750</a>
<b>PS10-54x240U-BL-TU-D25</b>	Stator 3x400VAC, A/B Encoder, PTC	<a href="#">0150-2754</a>
<b>PS10-54x240U-BL-TU-D25S</b>	Stator 3x400VAC, A/B Encoder 5um, PTC	<a href="#">0150-2784</a>
<b>PL01-28x2000/1920</b>	Slider 'standard'	<a href="#">0150-1396</a>

**Motor Cable**

4



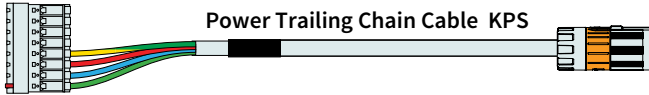
**C1400**



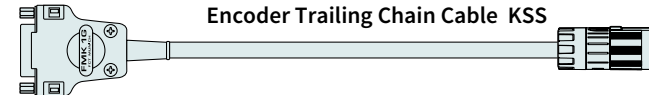
**E1400**

**B** Connector MC10-B/m

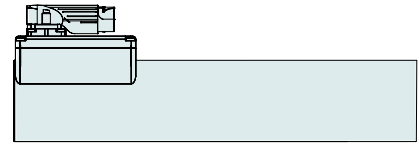
**Tk** Connector MC10-Tk/f



Power Trailing Chain Cable KPS



Encoder Trailing Chain Cable KSS



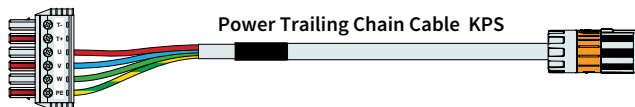
**P10-54x240U**

**D15s** Connector MC01-D15s-45°/f

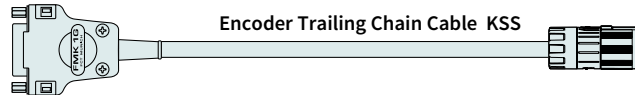
**Uk** Connector MC10-Uk/f

**L** Connector MC10-L/m

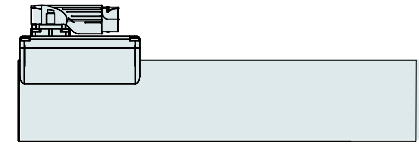
**Tk** Connector MC10-Tk/f



Power Trailing Chain Cable KPS



Encoder Trailing Chain Cable KSS



**P10-54x240U**

**D15s** Connector MC01-D15s-45°/f

**Uk** Connector MC10-Uk/f

**ORDERING INFORMATION**

TRAILING CHAIN CABLE FOR LINMOT DRIVES

Item	Description	Item-No.
<b>KPS07-04/02-L/Tk-3</b>	Power Trailing Chain Cable E1400/P10-54, 3 m	<a href="#">0150-2670</a>
<b>KPS07-04/02-L/Tk-5</b>	Power Trailing Chain Cable E1400/P10-54, 5 m	<a href="#">0150-2671</a>
<b>KPS07-04/02-L/Tk-8</b>	Power Trailing Chain Cable E1400/P10-54, 8 m	<a href="#">0150-2672</a>
<b>KPS07-04/02-L/Tk-12</b>	Power Trailing Chain Cable E1400/P10-54, 12 m	<a href="#">0150-2673</a>
<b>KPS07-04/02-B/Tk-3</b>	Power Trailing Chain Cable C1400/P10-54, 3 m	<a href="#">0150-3648</a>
<b>KPS07-04/02-B/Tk-5</b>	Power Trailing Chain Cable C1400/P10-54, 5 m	<a href="#">0150-3657</a>
<b>KPS07-04/02-B/Tk-8</b>	Power Trailing Chain Cable C1400/P10-54, 8 m	<a href="#">0150-3658</a>
<b>KPS07-04/02-B/Tk-12</b>	Power Trailing Chain Cable C1400/P10-54, 12 m	<a href="#">0150-3659</a>
<b>KSS 05-02/08-D15s/Uk-3</b>	Encoder Trailing Chain Cable D15s/Uk, 3 m	<a href="#">0150-2650</a>
<b>KSS 05-02/08-D15s/Uk-5</b>	Encoder Trailing Chain Cable D15s/Uk, 5 m	<a href="#">0150-2651</a>
<b>KSS 05-02/08-D15s/Uk-8</b>	Encoder Trailing Chain Cable D15s/Uk, 8 m	<a href="#">0150-2652</a>
<b>KSS 05-02/08-D15s/Uk-12</b>	Encoder Trailing Chain Cable D15s/Uk, 12 m	<a href="#">0150-2653</a>

## TRAILING CHAIN CABLES FOR THIRD PARTY DRIVES

Item	Description	Item-No.
<b>KPS07-04/02-./Tk-10</b>	Power Trailing Chain Cable .../Tk, 10 m	<a href="#">0150-3626</a>
<b>KPS07-04/02-./Tk-</b>	Power Trailing Chain Cable .../Tk, Custom length	<a href="#">0150-3622</a>
<b>KSS 05-02/13-./Uk-10</b>	Encoder Trailing Chain Cable ./Uk, 10 m	<a href="#">0150-3627</a>
<b>KSS 05-02/13-./Uk-</b>	Encoder Trailing Chain Cable ./Uk, Custom length	<a href="#">0150-3619</a>

## CONNECTOR &amp; CABLE (INDIVIDUAL)

Item	Description	Item-No.
<b>MC10-L/m</b>	Connector Power E1400/X2	<a href="#">0150-3382</a>
<b>MC01-D15/f</b>	Motor Connector D15 (f)	<a href="#">0150-3136</a>
<b>MC10-Tk/f</b>	Connector Power PS10-54	<a href="#">0150-3482</a>
<b>MC10-Uk/f</b>	Connector Encoder PS10-54	<a href="#">0150-3483</a>
<b>KPS07-04/02</b>	Power Trailing Chain Cable P10-54 (per m)	<a href="#">0150-2372</a>
<b>KSS05-02/08</b>	Trailing Chain Cable Encoder LinMot (per m)	<a href="#">0150-2258</a>
<b>KSS05-02/13</b>	Trailing Chain Cable Encoder P10-...-Dxx (per m)	<a href="#">0150-2259</a>

**MOTOR FLANGES**



Item	Description	Item-No.
<b>PF10-54x260</b>	Flange for PS10-54x240	<a href="#">0150-2735</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**FANS**



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

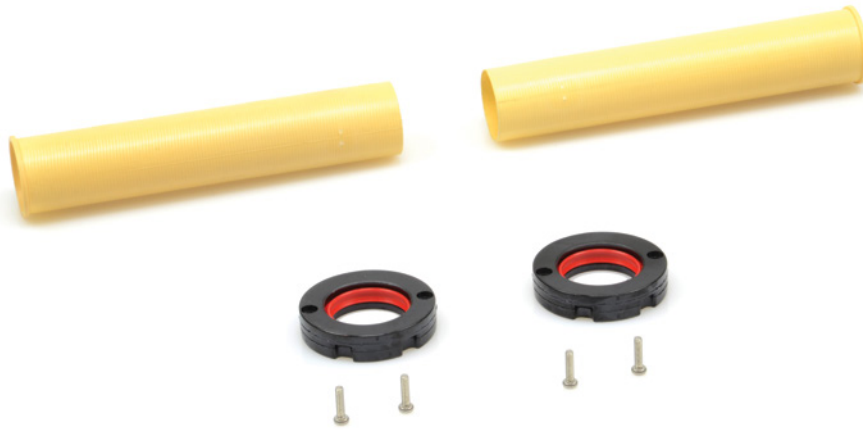
**SLIDER MOUNTING**



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**BEARING KIT**



Item	Description	Item-No.
<b>PB10-54x240-L</b>	Bearing Kit for PS10-54x240	<a href="#">0150-3673</a>

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

**EXTERNAL POSITION SENSORS**



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".