

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

Technical Data **451**

Motor Specifications

P10-54x240U/10 **457**

P10-54x240U/100 **458**

P10-54x240U/220 **459**

P10-54x240U/310 **460**

P10-54x240U/400 **461**

P10-54x240U/520 **462**

P10-54x240U/610 **463**

P10-54x240U/820 **464**

P10-54x240U/1000 **465**

P10-54x240U/1210 **466**

P10-54x240U/1420 **467**

P10-54x240U/1600 **468**

Accessories **469**

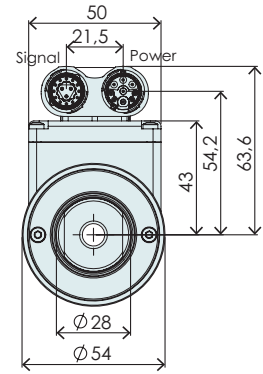
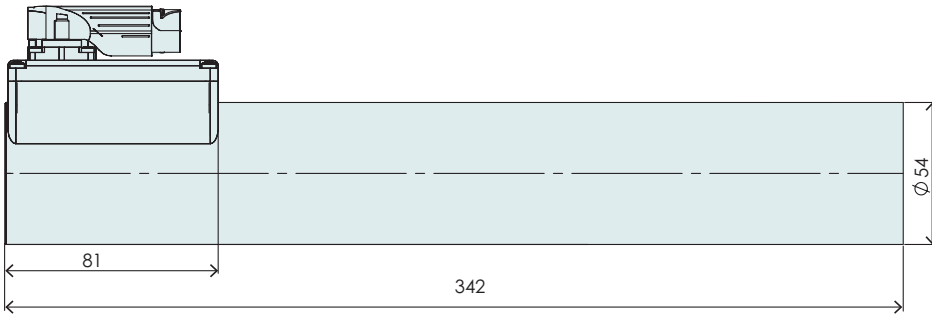


MOTOR FAMILY P10-54x240U

Technical Data				
Stroke				
Max. Stroke (ES)	mm	(in)	1600	(63)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(279.9)
Position Detection				
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)
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Back EMF Constant	V _{pk} / (m/s)	(V _{pk} / (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)
Thermal Data				
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	
Mechanical Data				
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	
Certification				
UL	File-No.		E354430	

1) Real time calculation of motor winding temperature is required (including monitoring).
If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.

STATOR

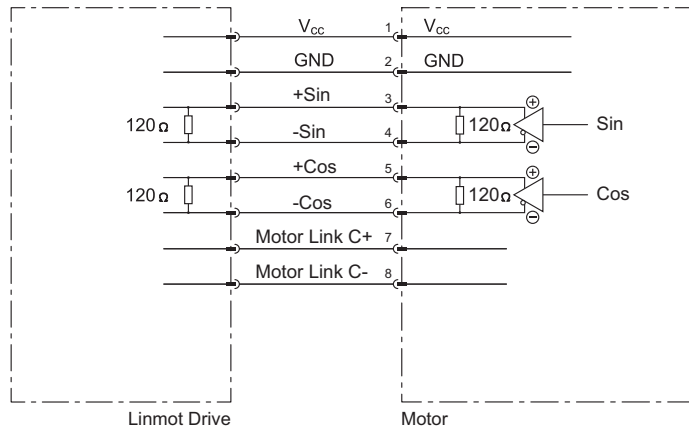
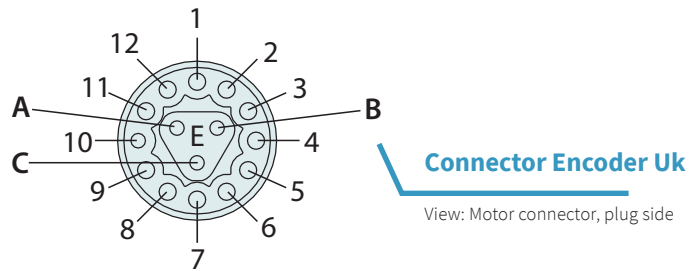


Item	Description	Item-No.	Comment
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724	For use with LinMot Drives
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750	For use with 3rd Party Drives
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050	For use with 3rd Party Drives
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754	For use with 3rd Party Drives
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784	For use with 3rd Party Drives

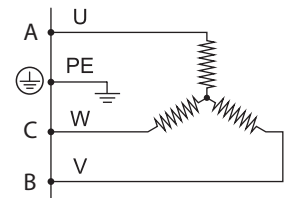
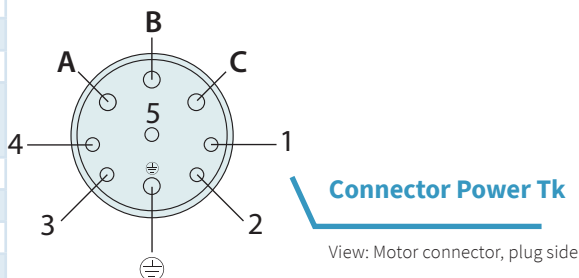
CONNECTOR PS10-54x240U-BL-TU (INTERFACE FOR LINMOT DRIVES)

Motor Connector Wiring	Connector Encoder Uk	Wire Color Motor Cable	
+V _{cc} *	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.

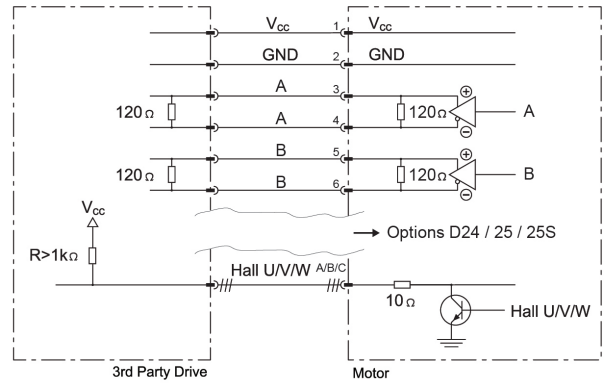
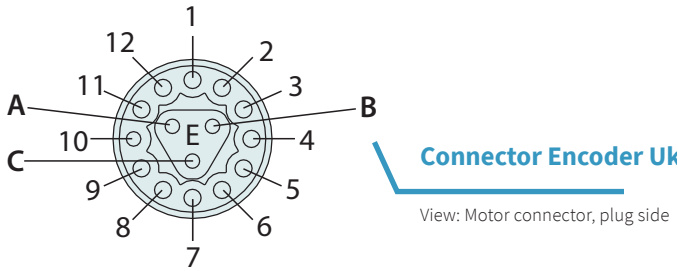
* The supply voltage V_{cc} depends on the LinMot Drive type and is within 6...9V.



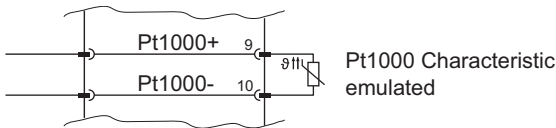
Motor Steckerbelegung	Connector Power Tk	Wire Color Motor Cable
Phase U	A	red
PE	PE	yellow-green
Phase V	B	blue
Phase W	C	black (previously: green)
n. c.	1	n. c.
n. c.	2	n. c.
n. c.	3	n. c.
n. c.	4	n. c.
n. c.	5	n. c.



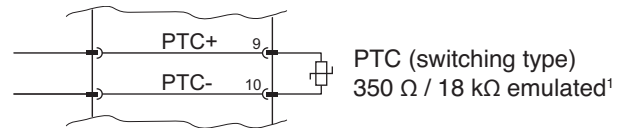
CONNECTOR PS10-54X240U-BL-TU-D24 / 24S / 25 / 25S (INTERFACE FOR 3RD PARTY DRIVES)



**PS10-54x120U-BL-TU-D24
PS10-54x120U-BL-TU-D24S**

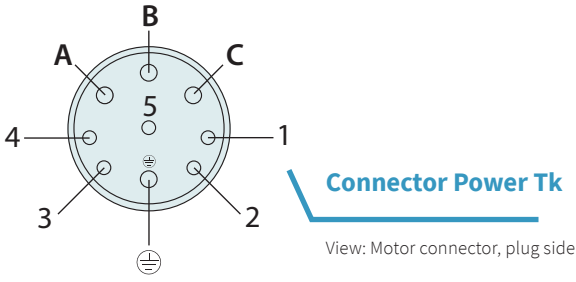


**PS10-54x120U-BL-TU-D25
PS10-54x120U-BL-TU-D25S**

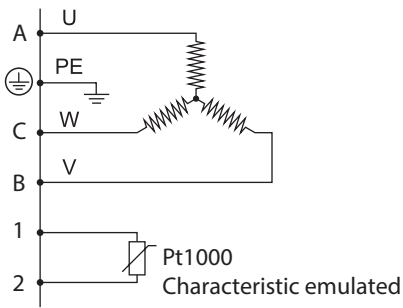


Motor Connector Wiring		Function	Connector Encoder Uk	Wire Color Motor Cable
PS10-54x240U-BL-TU-D24	PS10-54x240U-BL-TU-D25			
PS10-54x240U-BL-TU-D24S	PS10-54x240U-BL-TU-D25S			
+Vcc	+Vcc	Supply	1	white
GND	GND	Supply	2	brown
A	A	Encoder	3	grey
/A	/A	Encoder	4	pink
B	B	Encoder	5	blue
/B	/B	Encoder	6	red
-	-	-	7	green (do not connect)
-	-	-	8	yellow (do not connect)
Pt1000+	PTC+	Temp. ²	9	yellow-brown
Pt1000-	PTC-	Temp. ²	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

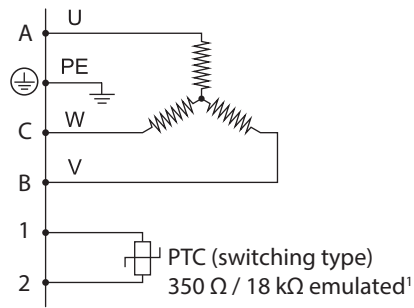
1) under 350 Ω = no fault, over 18 kΩ = Fault
 2) The resistance of the temperature sensor is emulated and only correctly reproduces the temperature when the sensor power supply is active. The connection potentials of the temperature resistance must lie within a range of 0-16V with respect to the sensor GND. 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.



PS10-54x240U-BL-TU-D24
PS10-54x240U-BL-TU-D24S



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

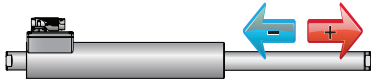


Motor Connector Wiring			
PS10-54x240U-BL-TU-D24 PS10-54x240U-BL-TU-D24S	PS10-54x240U-BL-TU-D25 PS10-54x240U-BL-TU-D25S	Connector Power Tk	Wire Color Motor Cable
Phase U	Phase U	A	red
PE	PE	PE	yellow-green
Phase V	Phase V	B	blue
Phase W	Phase W	C	black (previously: green)
Pt1000+	PTC+	1	turquoise
Pt1000-	PTC-	2	grey
n. c.	n. c.	3	n. c.
n. c.	n. c.	4	n. c.
n. c.	n. c.	5	n. c.

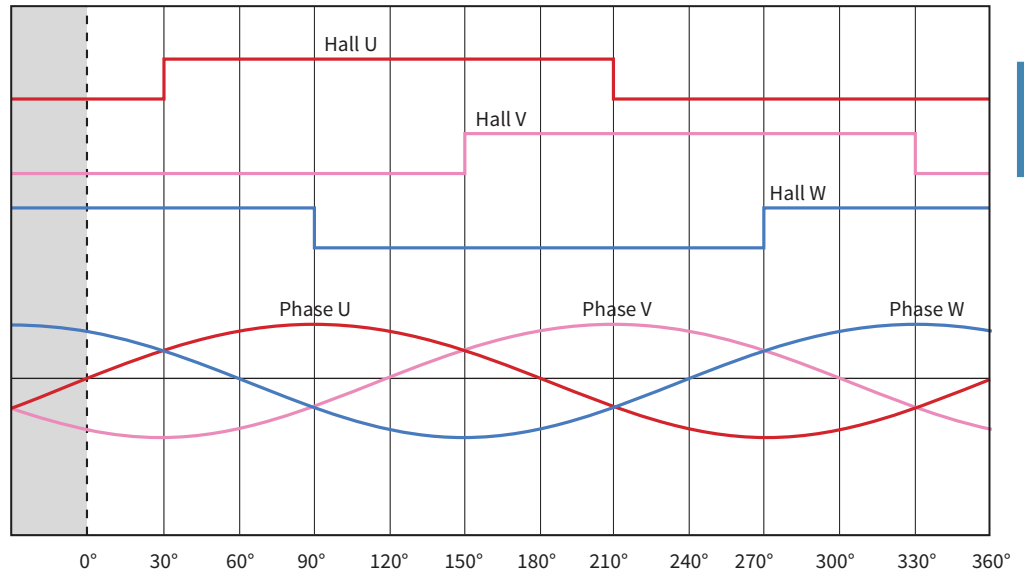
1) under 350 Ω = no fault, over 18 Ω = Fault

D2X POSITION FEEDBACK (AB-INCREMENTAL INTERFACE FOR 3RD PARTY DRIVES)

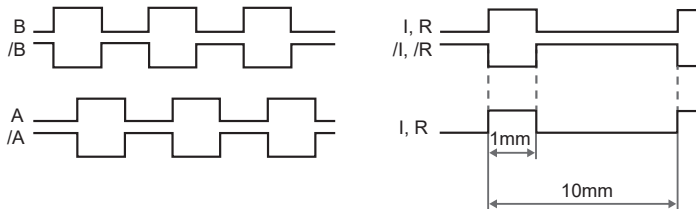
The Linear Motor Series P10-54 has noncontact, integral position feedback. No external encoder is required. Position output is industry standard AB-Incremental RS422 signal. The relation between the phase current and the position sensor output is shown on the right.



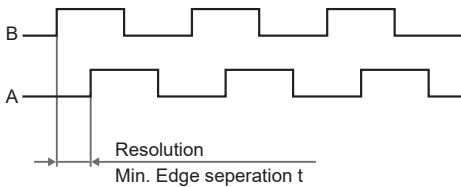
The arrows indicate the direction of movement of the slider. The stator is locked into position.



One magnetic period (360°) corresponds to 60mm stroke



The logical condition of signals A and B is not defined in reference to the index signal I or the reference signal R. It can deviate from the signal form.



Example: Pulse interval $t = 100 \text{ ns}$
(i.e., the downstream unit must be able to process 10 Mcounts)

Formula for signal frequency = $1 / (100 \text{ ns} \times 4) = 2.5 \text{ MHz}$

		P10-54x...-D2x	P10-54x...-D2xS
Resolution	µm	1	5
Output type		RS422	RS422
Max. Output frequency A / B	MHz	2.5	2.5
Min. Edge separation t	ns	100	100
Supply voltage	Vdc	5-12	5-12
Max. Supply current	mA	300	300
Position repeatability ¹	µm	± 15	± 15
Linearity over 1m ¹	%	< ± 0.035	< ± 0.035

¹) Dependent on the amplifier. Under constant operating and thermal conditions.

D2X TEMPERATURE FEEDBACK (AB-INCREMENTAL INTERFACE FOR 3RD PARTY DRIVES)

Overheat protection is provided by three internal thermistors embedded in the motor windings. These thermistors are monitored by the motor's electronics. A single thermistor is emulated based on the maximum of the measured temperature values. This is done to accurately monitor the temperature over the whole length of the stator and to react as fast as

possible to dynamic changes in a single motor phase. As the motor winding temperature reaches its absolute maximum value, the drive amplifier or servo controller must disable the motor in order to protect the motor from overheat damages.

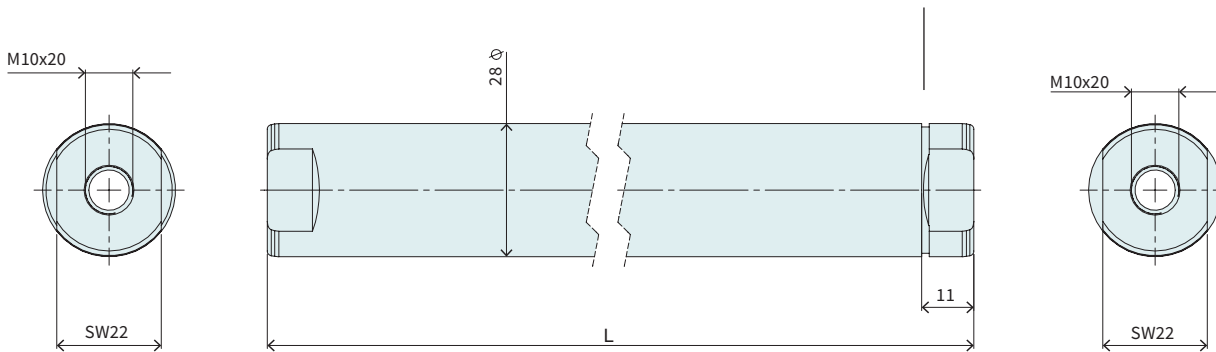


Attention: It is strongly recommended that the motor over-temperature sensor is connected to the drive amplifier or servo controller at all times in order to reduce the risk of damage to the motor due to excessive temperatures. The motor encoder has to be powered to ensure correct temperature read-outs.

SLIDER

Slider Standard

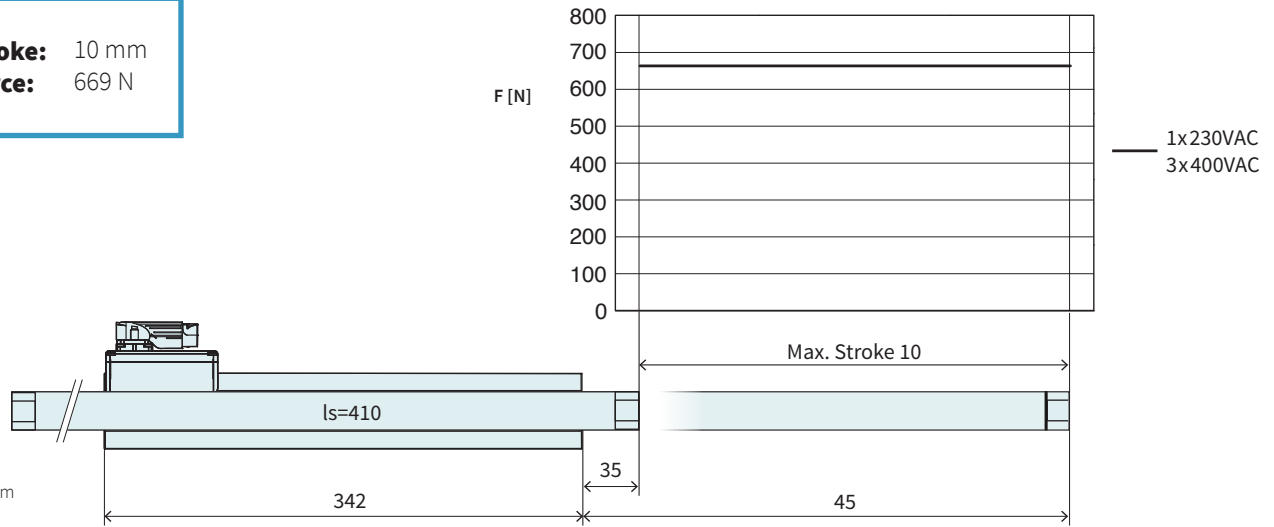
Number of grooves determines the slider type (see chapter 2 / slider) and marks the front end.



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

P10-54x240U/10-BL-TU

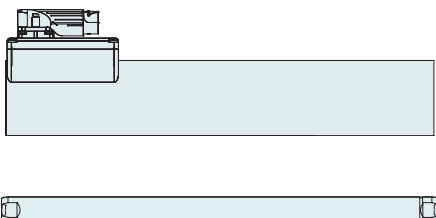
Max. Stroke: 10 mm
Peak Force: 669 N



Dimensions in mm

Technical Data P10-54x240U/10			
Stroke			
Max. Stroke	mm (in)		10 (0.39)
Force			
Max. Force ¹ @ 1x230VAC	N (lbf)		669 (150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})		44 (9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})		62.2 (14)
Velocity			
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1 (159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1 (7.1)
Position Detection			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 7.6
Electrical Data			
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4
Thermal Data			
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
Mechanical Data			
Slider Length	mm (in)		410 (16)
Slider Mass	g (lb)		1740 (3.83)

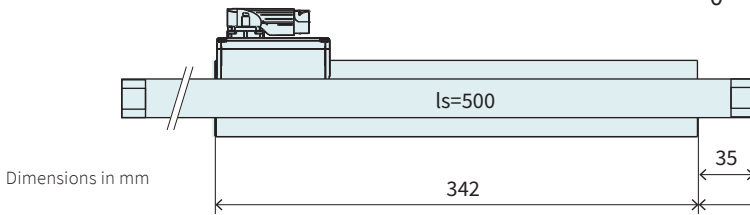
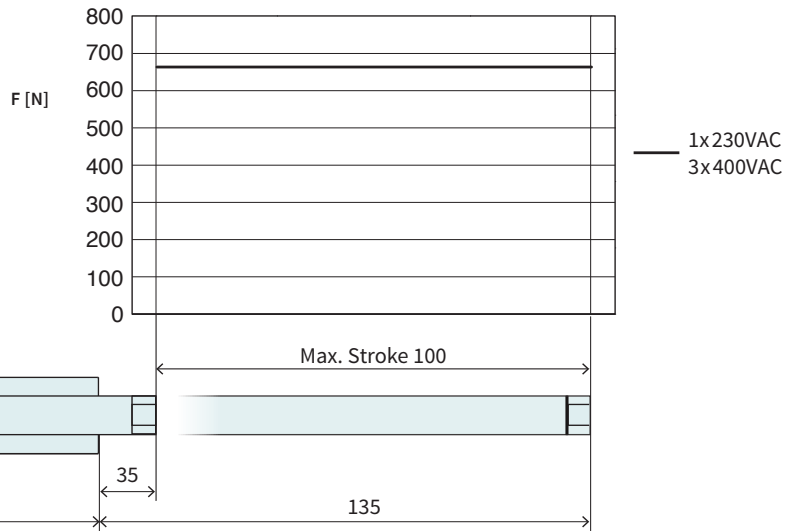
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x410/330	Slider 'standard'	0150-1381

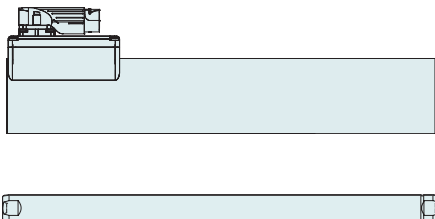
P10-54x240U/100-BL-TU

Max. Stroke: 100 mm
Peak Force: 669 N



Technical Data P10-54x240U/100			
Stroke			
Max. Stroke	mm (in)	100	(3.93)
Force			
Max. Force ¹ @ 1x230VAC	N (lbf)	669	(150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})	62.2	(14)
Velocity			
Max. Velocity @ 1x230VAC	m/s (in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)	7.1	(7.1)
Position Detection			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.85	
Electrical Data			
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}	15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}	15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}	2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}	1.8 / 2.4 / 3.4	
Thermal Data			
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	
Mechanical Data			
Slider Length	mm (in)	500	(20)
Slider Mass	g (lb)	2160	(4.75)

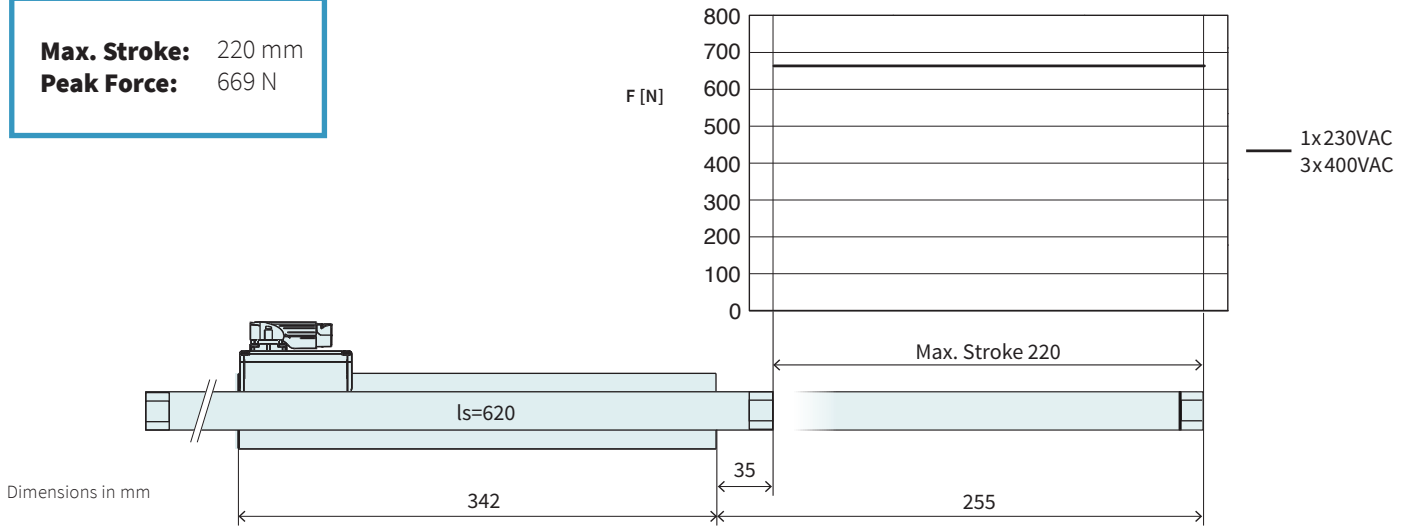
¹) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x500/420	Slider 'standard'	0150-1382

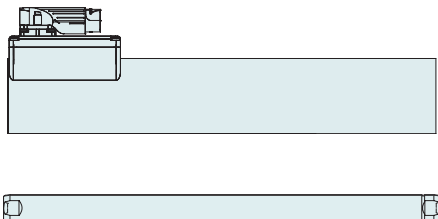
P10-54x240U/220-BL-TU

Max. Stroke: 220 mm
Peak Force: 669 N



Technical Data P10-54x240U/220				
Stroke				
Max. Stroke	mm	(in)	220	(8.65)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		±0.45	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	620	(24)
Slider Mass	g	(lb)	2720	(5.98)

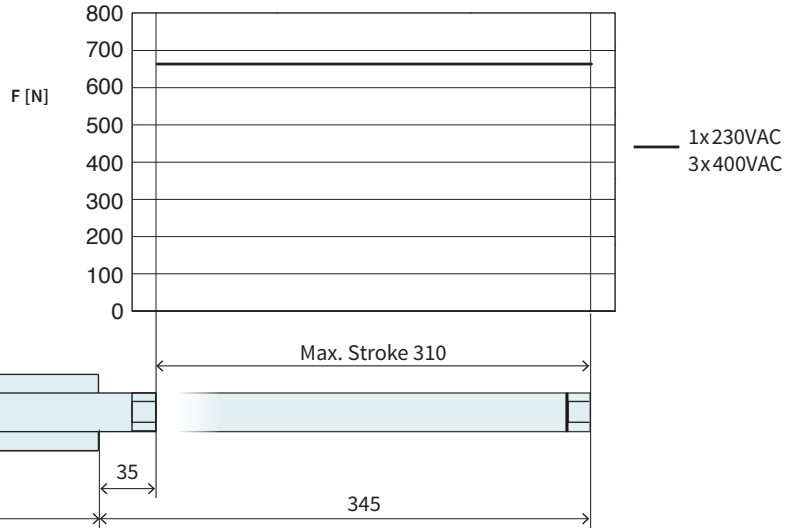
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x620/540	Slider 'standard'	0150-1383

P10-54x240U/310-BL-TU

Max. Stroke: 310 mm
Peak Force: 669 N

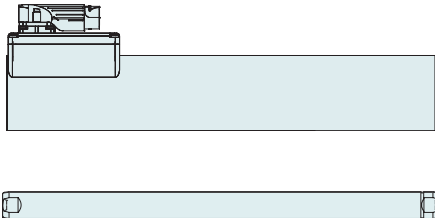


Dimensions in mm

Technical Data P10-54x240U/310

Stroke			
Max. Stroke	mm (in)	310	(12.19)
Force			
Max. Force ¹ @ 1x230VAC	N (lbf)	669	(150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})	62.2	(14)
Velocity			
Max. Velocity @ 1x230VAC	m/s (in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)	7.1	(7.1)
Position Detection			
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.35	
Electrical Data			
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}	15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}	15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}	2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}	1.8 / 2.4 / 3.4	
Thermal Data			
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	
Mechanical Data			
Slider Length	mm (in)	710	(28)
Slider Mass	g (lb)	3140	(6.91)

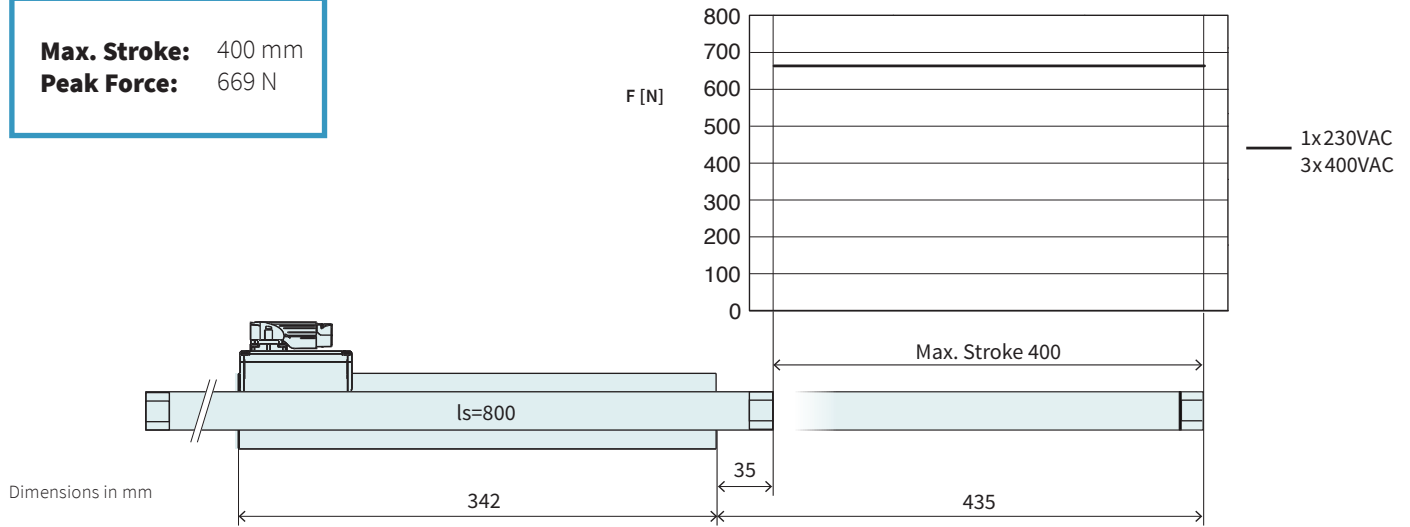
¹) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x710/630	Slider 'standard'	0150-1384

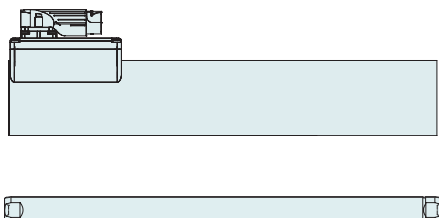
P10-54x240U/400-BL-TU

Max. Stroke: 400 mm
Peak Force: 669 N



Technical Data P10-54x240U/400				
Stroke				
Max. Stroke	mm	(in)	400	(15.69)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.3	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	800	(31)
Slider Mass	g	(lb)	3560	(7.83)

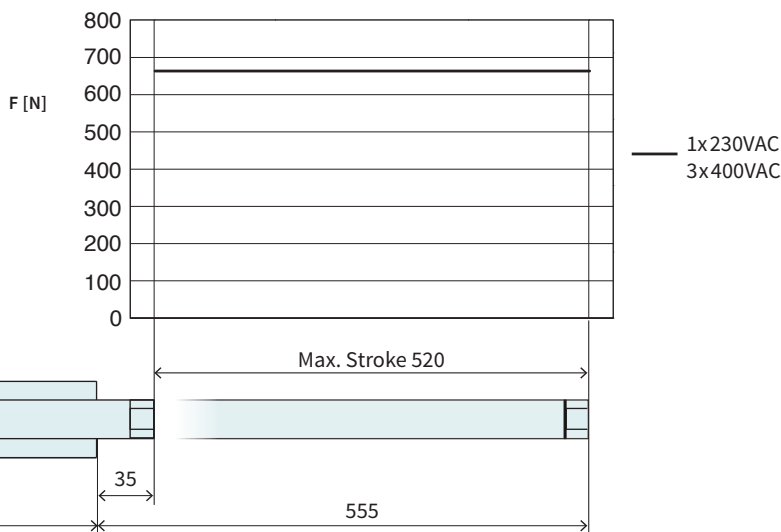
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x800/720	Slider 'standard'	0150-1385

P10-54x240U/520-BL-TU

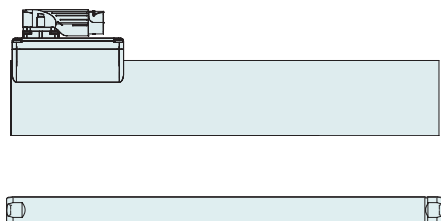
Max. Stroke: 520 mm
Peak Force: 669 N



Dimensions in mm

Technical Data P10-54x240U/520			
Stroke			
Max. Stroke	mm (in)		520 (20.49)
Force			
Max. Force ¹ @ 1x230VAC	N (lbf)		669 (150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})		44 (9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})		62.2 (14)
Velocity			
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1 (159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1 (7.1)
Position Detection			
Repeatability	mm (in)		±0.05 (±0.002)
Linearity	%		± 0.25
Electrical Data			
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4
Thermal Data			
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
Mechanical Data			
Slider Length	mm (in)		920 (36)
Slider Mass	g (lb)		4120 (9.06)

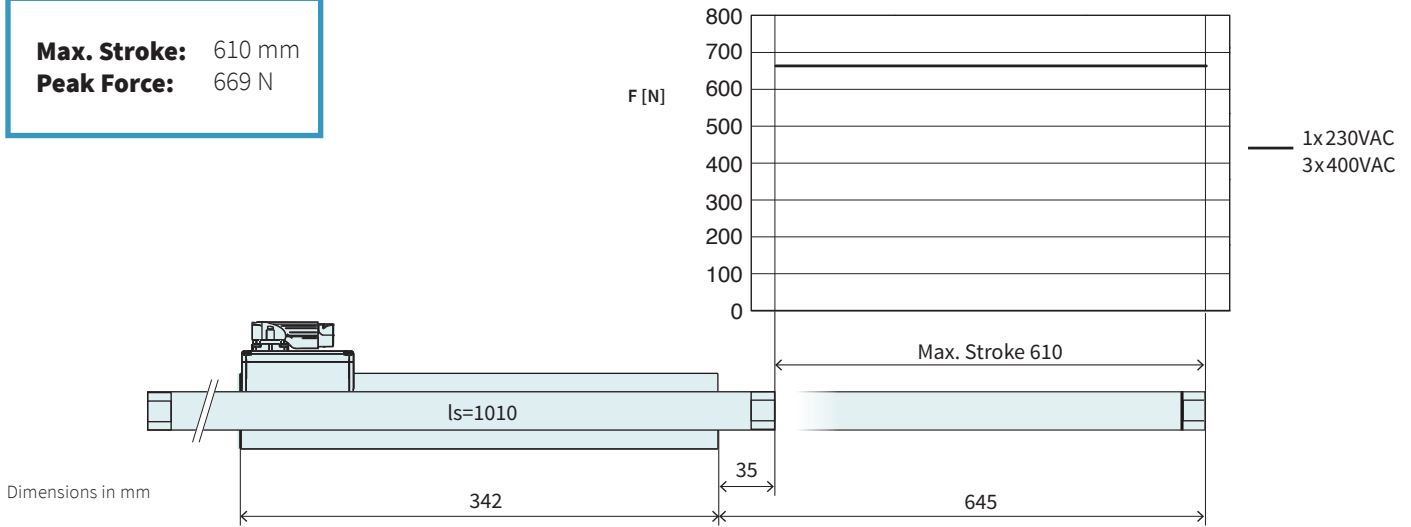
¹) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x920/840	Slider 'standard'	0150-1386

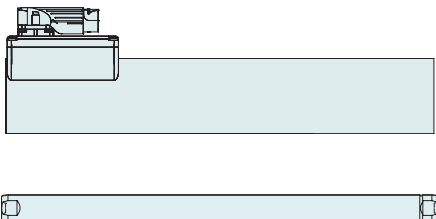
P10-54x240U/610-BL-TU

Max. Stroke: 610 mm
Peak Force: 669 N



Technical Data P10-54x240U/610				
Stroke				
Max. Stroke	mm	(in)	610	(23.99)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.2	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	1010	(40)
Slider Mass	g	(lb)	4540	(10)

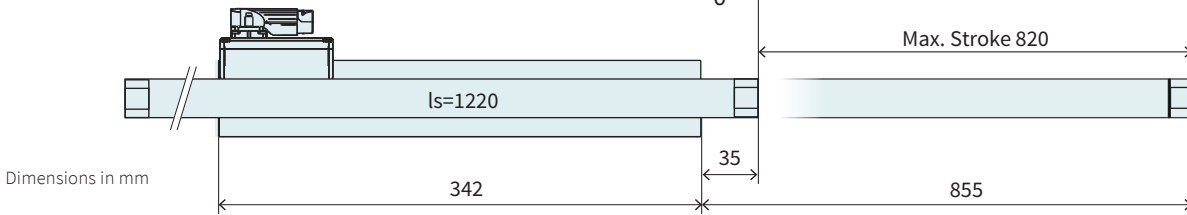
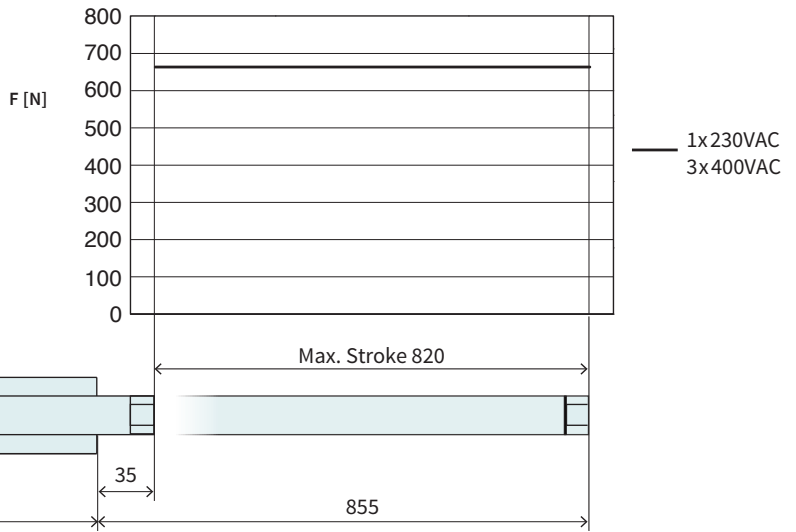
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x1010/930	Slider 'standard'	0150-1387

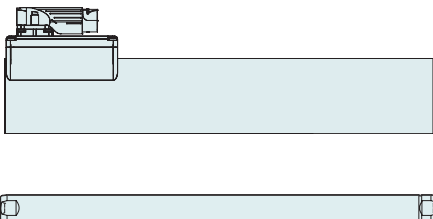
P10-54x240U/820-BL-TU

Max. Stroke: 820 mm
Peak Force: 669 N



Technical Data P10-54x240U/820				
Stroke				
Max. Stroke	mm (in)		820	(32.29)
Force				
Max. Force ¹ @ 1x230VAC	N (lbf)		669	(150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})		44	(9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})		62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
Position Detection				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		± 0.2	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm (in)		1220	(48)
Slider Mass	g (lb)		5510	(12.12)

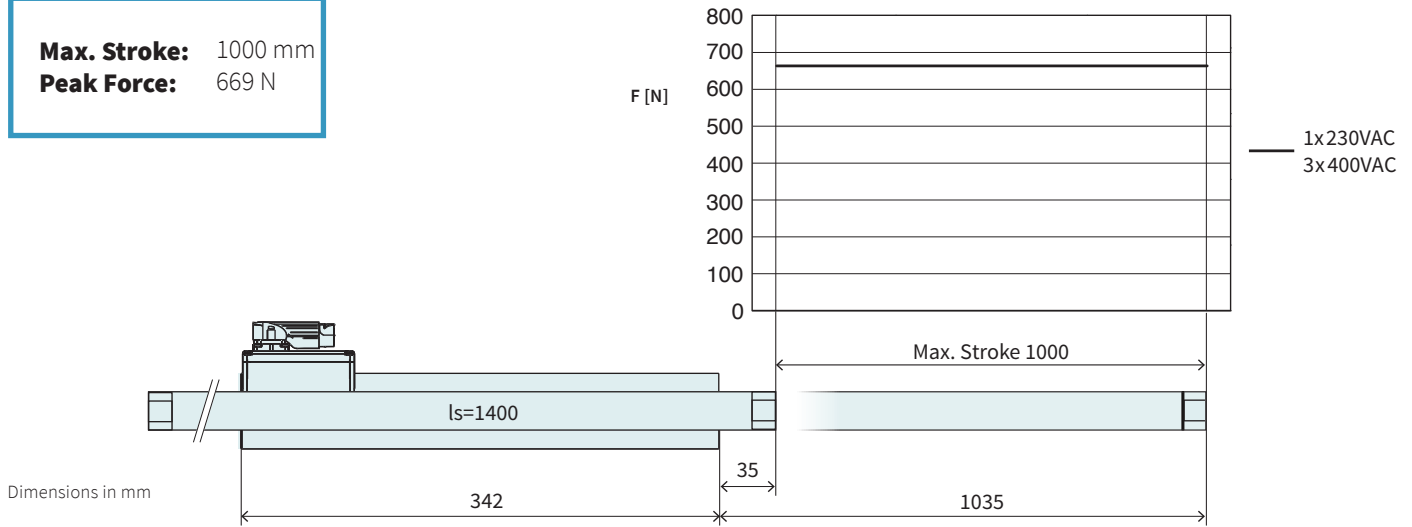
¹) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x1220/1140	Slider 'standard'	0150-1388

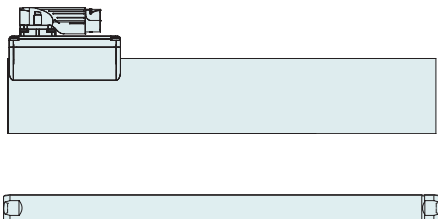
P10-54x240U/1000-BL-TU

Max. Stroke: 1000 mm
Peak Force: 669 N



Technical Data P10-54x240U/1000				
Stroke				
Max. Stroke	mm	(in)	1000	(39.39)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.2	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	1400	(55)
Slider Mass	g	(lb)	6350	(13.97)

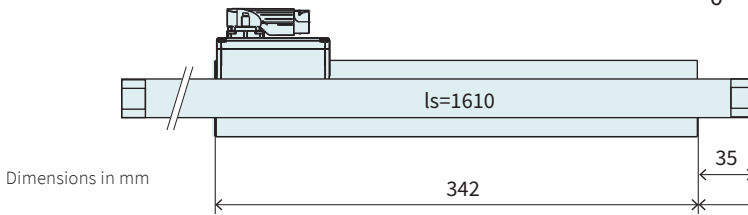
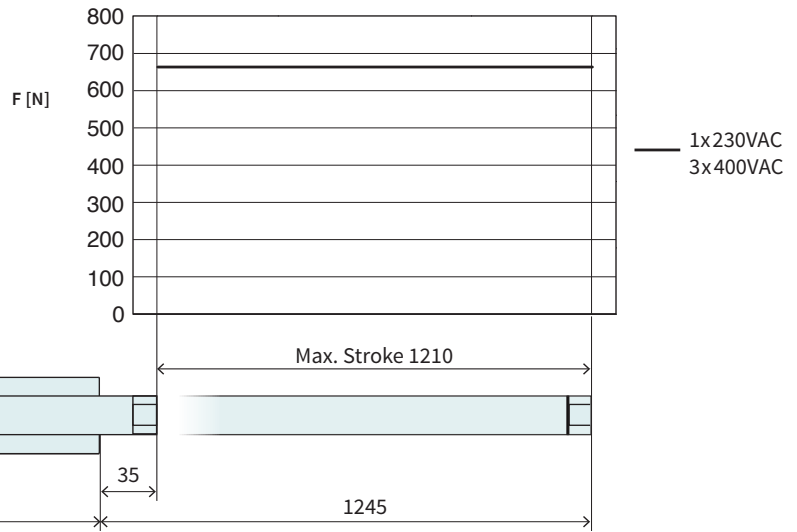
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x1400/1320	Slider 'standard'	0150-1389

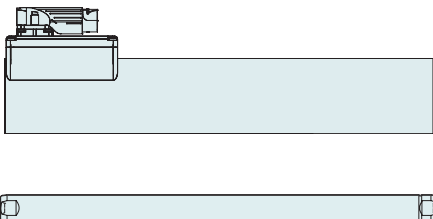
P10-54x240U/1210-BL-TU

Max. Stroke: 1210 mm
Peak Force: 669 N



Technical Data P10-54x240U/1210				
Stroke				
Max. Stroke	mm	(in)	1210	(47.6)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 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 _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity	%		± 0.15	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	1610	(63)
Slider Mass	g	(lb)	7330	(16.13)

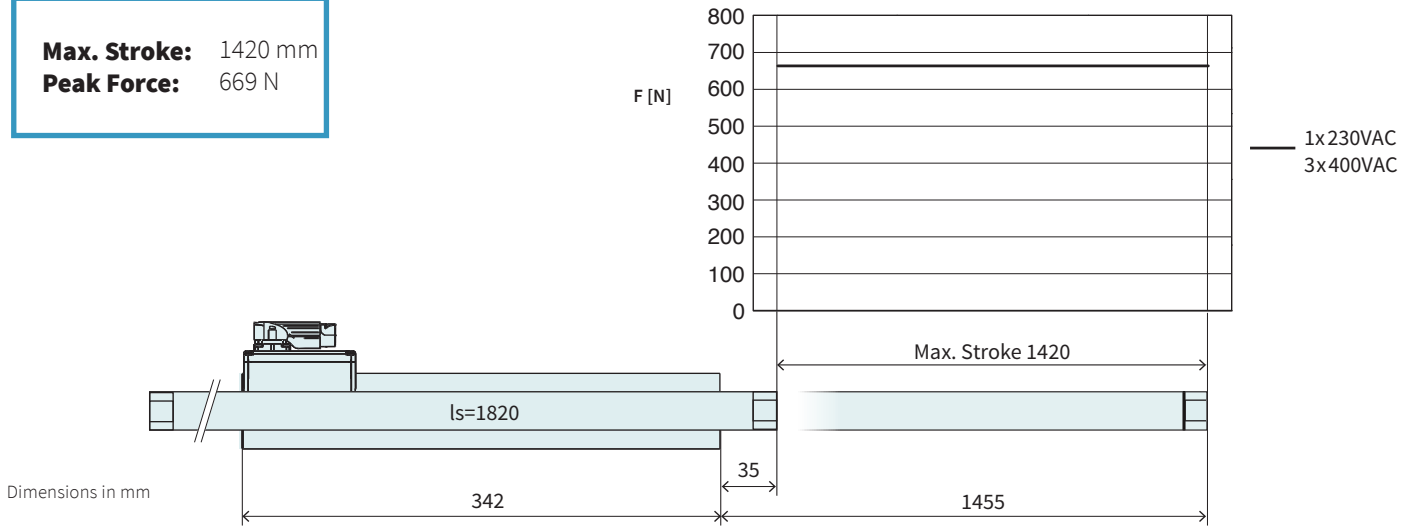
¹) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x1610/1530	Slider 'standard'	0150-1390

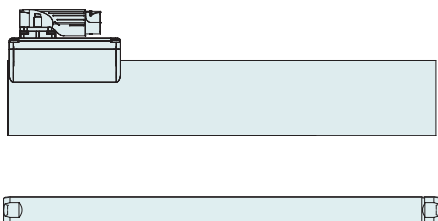
P10-54x240U/1420-BL-TU

Max. Stroke: 1420 mm
Peak Force: 669 N



Technical Data P10-54x240U/1420				
Stroke				
Max. Stroke	mm (in)		1420	(55.89)
Force				
Max. Force ¹ @ 1x230VAC	N (lbf)		669	(150)
Max. Force ¹ @ 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 _{pk} (lbf/A _{pk})		44	(9.89)
Force Constant 2	N/A _{rms} (lbf/A _{rms})		62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s (in/s)		4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s (in/s)		7.1	(7.1)
Position Detection				
Repeatability	mm (in)		±0.05	(±0.002)
Linearity	%		±0.15	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm (in)		1820	(72)
Slider Mass	g (lb)		8300	(18.26)

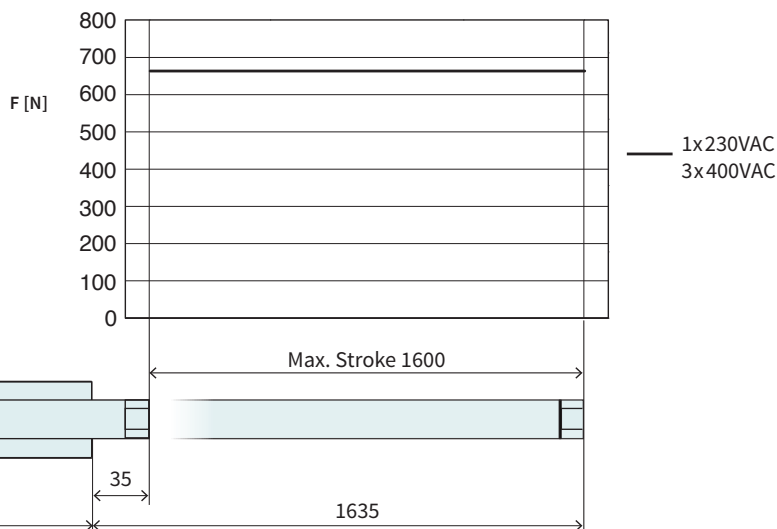
1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x1820/1740	Slider 'standard'	0150-1395

P10-54x240U/1600-BL-TU

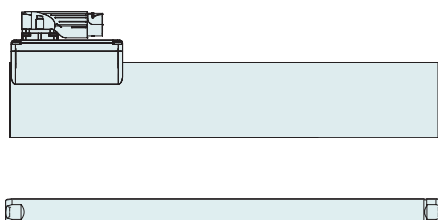
Max. Stroke: 1600 mm
Peak Force: 669 N



Dimensions in mm

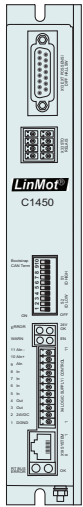
Technical Data P10-54x240U/1600				
Stroke				
Max. Stroke	mm	(in)	1600	(62.99)
Force				
Max. Force ¹ @ 1x230VAC	N	(lbf)	669	(150)
Max. Force ¹ @ 3x400VAC	N	(lbf)	669	(150)
Max. Cont. Force [Passive cooling / Fan / Fluid]	N	(lbf)	110 / 150 / 210	(25 / 34 / 48)
Max. Border Force relative			%	
			100	
Force Constant 1	N/A _{pk}	(lbf/A _{pk})	44	(9.89)
Force Constant 2	N/A _{rms}	(lbf/A _{rms})	62.2	(14)
Velocity				
Max. Velocity @ 1x230VAC	m/s	(in/s)	4.1	(159.9)
Max. Velocity @ 3x400VAC	m/s	(in/s)	7.1	(7.1)
Position Detection				
Repeatability	mm	(in)	±0.05	(±0.002)
Linearity			%	
			± 0.15	
Electrical Data				
Max. Current ¹ @ 1x230VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Current ¹ @ 3x400VAC	A _{pk} / A _{rms}		15.1 / 10.6	
Max. Cont. Current 1 [Passive cooling / Fan / Fluid]	A _{pk}		2.5 / 3.5 / 4.9	
Max. Cont. Current 2 [Passive cooling / Fan / Fluid]	A _{rms}		1.8 / 2.4 / 3.4	
Thermal Data				
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	
Mechanical Data				
Slider Length	mm	(in)	2000	(79)
Slider Mass	g	(lb)	9140	(20.11)

1) Real time calculation of motor winding temperature is required (including monitoring).
 If temperature monitoring is only based on temperature sensor signal (missing thermal model calculation), 70 % of the peak value has to be taken instead.



Item	Description	Item-No.
PS10-54x240U-BL-TU	Stator 3x400VAC, LinMot Encoder	0150-2724
PS10-54x240U-BL-TU-D24	Stator 3x400VAC, A/B Encoder, Pt1000	0150-2750
PS10-54x240U-BL-TU-D24S	Stator 3x400VAC, A/B Encoder 5µm, Pt1000	0150-4050
PS10-54x240U-BL-TU-D25	Stator 3x400VAC, A/B Encoder, PTC	0150-2754
PS10-54x240U-BL-TU-D25S	Stator 3x400VAC, A/B Encoder 5µm, PTC	0150-2784
PL01-28x2000/1920	Slider 'standard'	0150-1396

Motor Cable

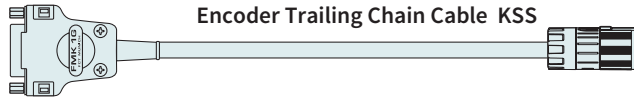


C1400



E1400

B Connector MC10-B/m



D15s Connector MC01-D15s-45°/f

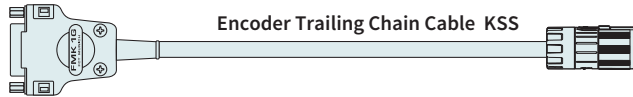
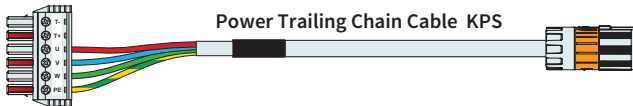
Tk Connector MC10-Tk/f



P10-54x240U

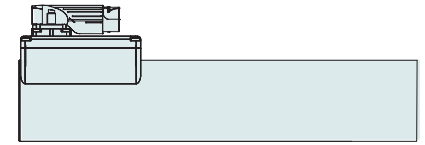
Uk Connector MC10-Uk/f

L Connector MC10-L/m



D15s Connector MC01-D15s-45°/f

Tk Connector MC10-Tk/f



P10-54x240U

Uk Connector MC10-Uk/f

ORDERING INFORMATION

TRAILING CHAIN CABLE FOR LINMOT DRIVES		
Item	Description	Item-No.
KPS07-04/02-L/Tk-3	Power Trailing Chain Cable E1400/P10-54, 3 m	0150-2670
KPS07-04/02-L/Tk-5	Power Trailing Chain Cable E1400/P10-54, 5 m	0150-2671
KPS07-04/02-L/Tk-8	Power Trailing Chain Cable E1400/P10-54, 8 m	0150-2672
KPS07-04/02-L/Tk-12	Power Trailing Chain Cable E1400/P10-54, 12 m	0150-2673
KPS07-04/02-B/Tk-3	Power Trailing Chain Cable C1400/P10-54, 3 m	0150-3648
KPS07-04/02-B/Tk-5	Power Trailing Chain Cable C1400/P10-54, 5 m	0150-3657
KPS07-04/02-B/Tk-8	Power Trailing Chain Cable C1400/P10-54, 8 m	0150-3658
KPS07-04/02-B/Tk-12	Power Trailing Chain Cable C1400/P10-54, 12 m	0150-3659
KSS 05-02/08-D15s/Uk-3	Encoder Trailing Chain Cable D15s/Uk, 3 m	0150-2650
KSS 05-02/08-D15s/Uk-5	Encoder Trailing Chain Cable D15s/Uk, 5 m	0150-2651
KSS 05-02/08-D15s/Uk-8	Encoder Trailing Chain Cable D15s/Uk, 8 m	0150-2652
KSS 05-02/08-D15s/Uk-12	Encoder Trailing Chain Cable D15s/Uk, 12 m	0150-2653

TRAILING CHAIN CABLES FOR THIRD PARTY DRIVES

Item	Description	Item-No.
KPS07-04/02-./Tk-10	Power Trailing Chain Cable .../Tk, 10 m	0150-3626
KPS07-04/02-./Tk-	Power Trailing Chain Cable .../Tk, Custom length	0150-3622
KSS 05-02/13-./Uk-10	Encoder Trailing Chain Cable ./Uk, 10 m	0150-3627
KSS 05-02/13-./Uk-	Encoder Trailing Chain Cable ./Uk, Custom length	0150-3619

CONNECTOR & CABLE (INDIVIDUAL)

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

MOTOR FLANGES



Item	Description	Item-No.
PF10-54x260	Flange for PS10-54x240	0150-2735

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

FANS



Item	Description	Item-No.
HV01-37/48	Fan cooling for H01-37/48 & PF02-37/48	0150-5051

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

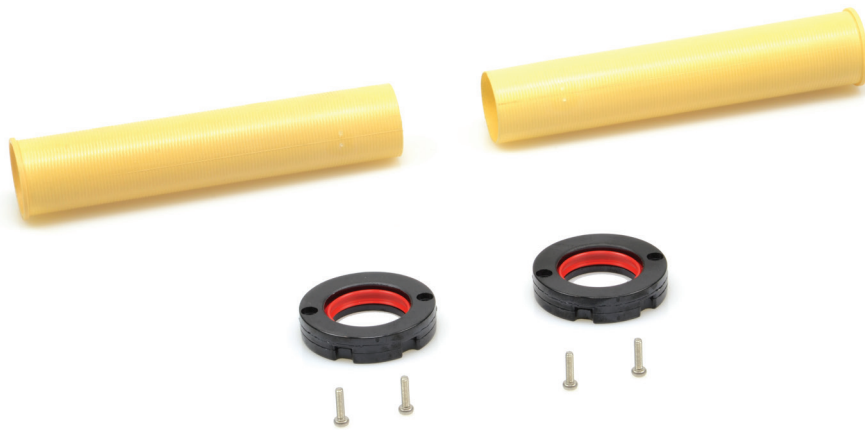
SLIDER MOUNTING



Item	Description	Item-No.
PLF01-28	Fixed Bearing Set for 27/28 mm sliders	0150-3087
PLF01-28-SS	Fixed Bearing Set for 27/28 mm sliders, stainless steel	0150-3297
PLL01-28	Floating Bearing for 28 mm sliders	0150-3094
PLM01-28-MK	Mounting Kit for 28 mm sliders	0150-3095

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

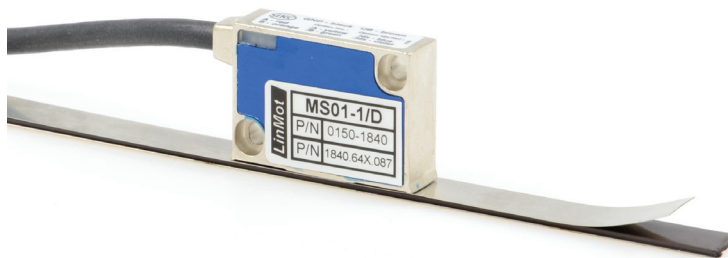
BEARING KIT



Item	Description	Item-No.
PB10-54x240-L	Bearing Kit for PS10-54x240	0150-3673

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

EXTERNAL POSITION SENSORS



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".



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

FIND MORE PRODUCT DETAILS IN THE CHAPTER "ACCESSORIES".

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