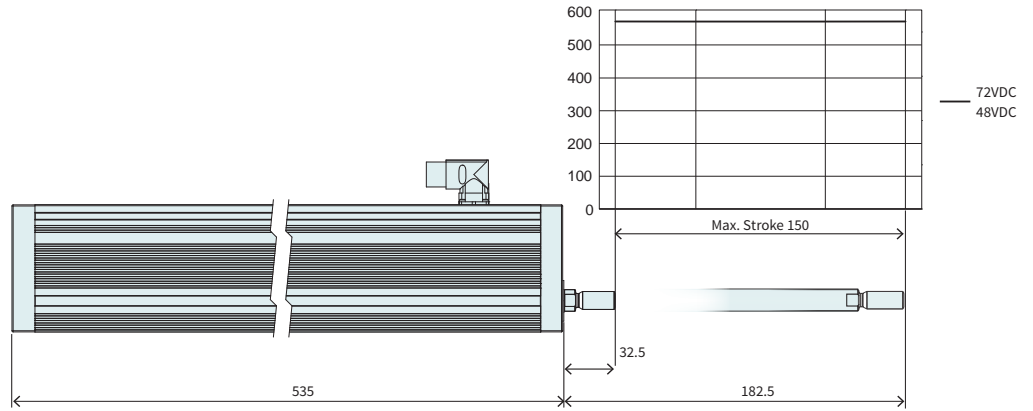


P04-48x240F/150-C

Max. Stroke: 150 mm
Peak Force: 572 N

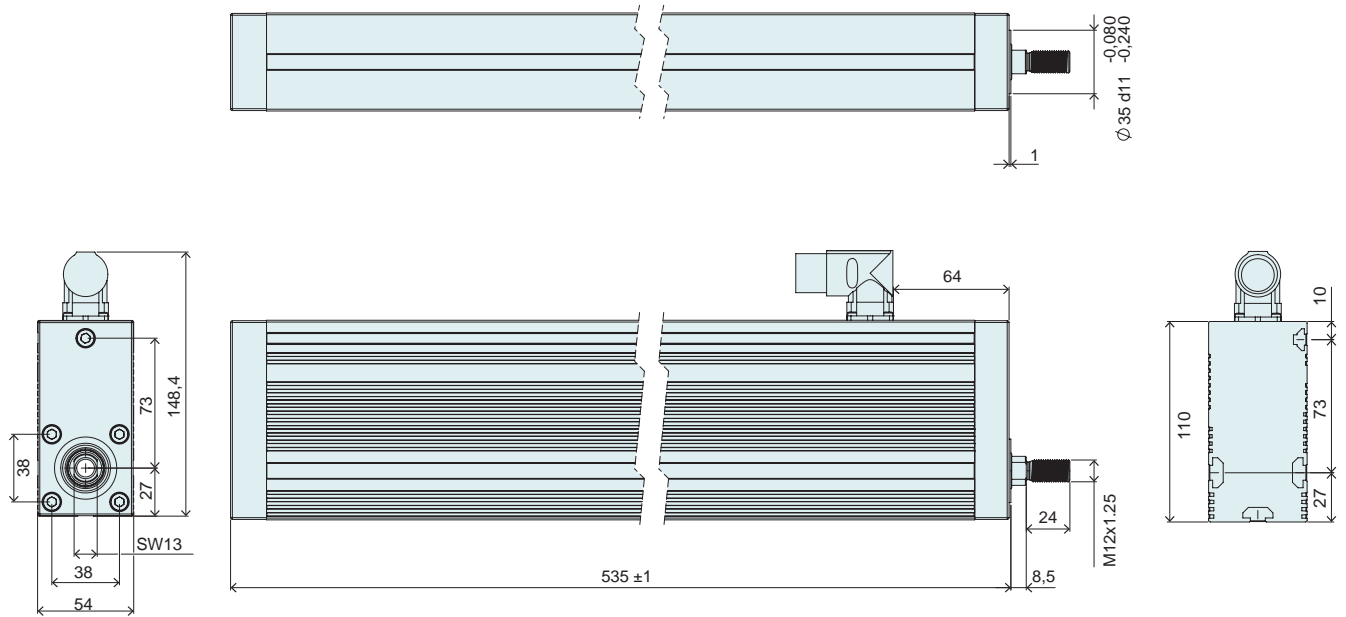


Dimensions in mm

Technical Data P04-48x240F/150

Stroke			
Max. Stroke	mm (in)	150	(5.91)
Force			
Max. Force @ 48VDC	N (lbf)	572	(129)
Max. Force @ 72VDC	N (lbf)	572	(129)
Max. Cont. Force [Passive cooling/ Fan / Fluid]	N (lbf)	190 / 250 / -	(42 / 56 / -)
Force Constant	N/A _{pk} (lbf/A _{pk})	22	(4.95)
Velocity			
Max. Velocity @ 48VDC	m/s (in/s)	1.9	(78.9)
Max. Velocity @ 72VDC	m/s (in/s)	2.9	(119.9)
Position Detection			
Position Resolution	mm (in)	0.007	(0.0003)
Repeatability	mm (in)	±0.05	(±0.002)
Linearity	%	± 0.4	
Electrical Data			
Max. Current @ 48VDC	A _{pk}	25.9	
Max. Current @ 72VDC	A _{pk}	25.9	
Max. Cont. Current [Passive cooling / Fan / Fluid]	A _{pk}	8.6 / 11 / -	
Terminal Resistance 25 °C / 120 °C	Ohm	0.97 / 1.3	
Terminal Inductivity	mH	1.1	
Magnetic Period	mm (in)	60	(2.35)
Thermal Data			
Max. Winding Temperature (Sensor)	°C	90	
Thermal Resistance [Passive cooling / Fan / Fluid]	°K/W	0.54 / 0.31 / -	
Thermal Time Constant [Passive cooling / Fan / Fluid]	s	550 / 320 / -	
Mechanical Data			
Stator Width	mm (in)		
Stator Height	mm (in)		
Stator Length	mm (in)		
Stator Mass	g (lb)	3865	(6.9)
Rod Diameter	mm (in)		
Rod Mass	g (lb)		
Max. shear force to the rod	N (lbf)		
Max. torque to the rod	Nm (lbf·in)		
IP Code			IP 65

MOTOR

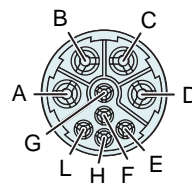


Item	Description	Item-No.
P04-48x240F/150-C	Linear motor P04-48, 150 mm Stroke	0150-2745

CONNECTOR

Motor Connector Wiring	C-Connector	
	C-Connector	Wire Color Motor Cable
Ph 1+	A	red
Ph 1-	B	pink
Ph 2+	C	blue
Ph 2-	D	grey
+5VDC	E	white
GND	F	Inner Shield
Sinus	G	yellow
Cosinus	H	green
Temp.	L	black
Shield	Gehäuse	Outer Shield

C-Connector



View: Motor connector, plug on



SERVICIO TÉCNICO, CONSULTORÍA, TRAINING Y CANAL DE VENTA OFICIAL

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Instalaciones en Getaria

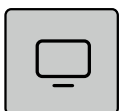
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Mechatronics & Robotics



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Vision