

Motor Flanges

LinMot PF motor flanges enable easy mounting of linear motors. The clamping plate design enables quick assembly and disassembly of the linear motors without disassembling the flange.

With the PF03-23 flanges, there is now an even more compact mounting variant. The flanges are also even easier to align as they have pin holes.

A matching PF flange of the correct length is available for every family of linear motors. This not only ensures secure mechanical mounting, but also guarantees optimal cooling of the linear motor.



Motor with PF02 Flange and Fan



Motor with PF03 Flange

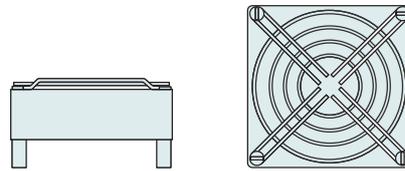
STATOR AND FLANGE MOUNTING

The same flange is used for stators with a cable output or a plug housing. The stator is secured in the flanges by means of clamping screws, so that the stator is clamped over a large surface area.

Clamping over a large surface area, practically the entire length of the stator, and the cooling fins on the flange, ensure optimal cooling of the linear motor.

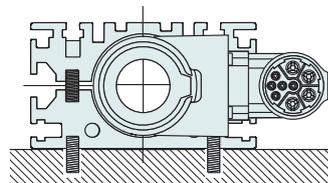
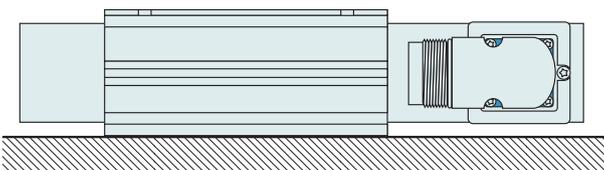
Depending on the application and installation space, the flanges can be mounted horizontally using screws or vertically using the T-slot provided or, in the case of PF03 flanges, by the through holes.

FAN OPTION



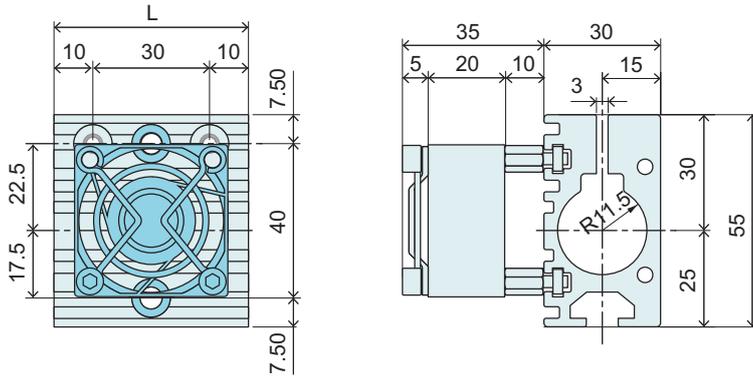
The optional fan can nearly double the effective force of the linear motor.

MOUNTING WITH SCREWHOLES



PF02 Motor Flanges
horizontal mounted

OPTIONAL FAN FOR PF02-23

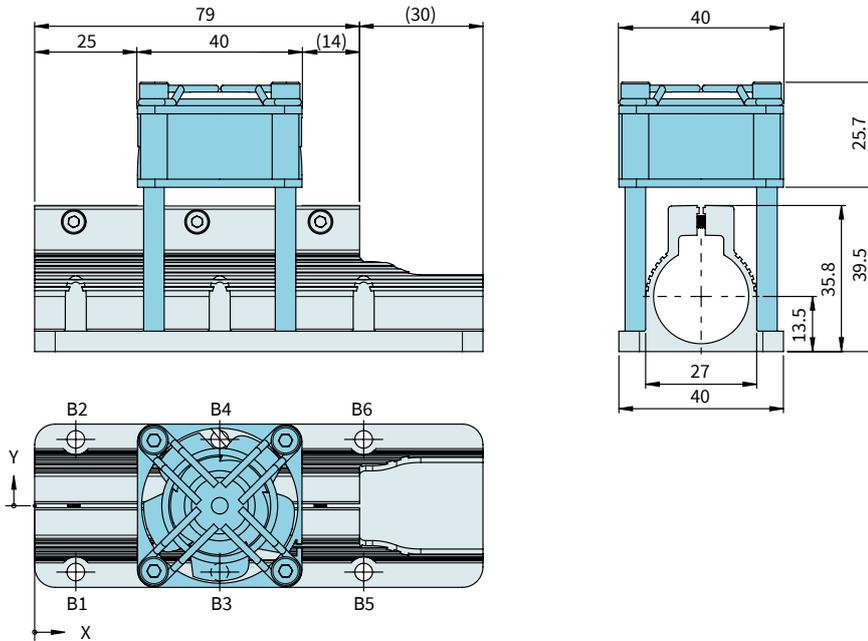


Fan supply:
24VDC, 70mA

Air flow:
15m³/h

Item	Description	Item-No.
HV01-23	Fan kit for H01-23, PF02-23	0150-5050

OPTIONAL FAN FOR PF03-23

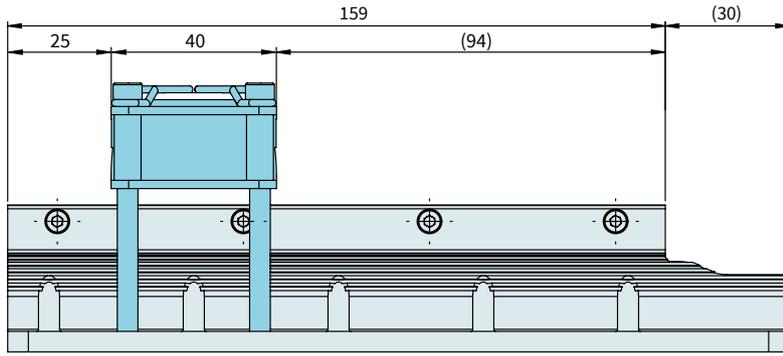


Fan supply:
24VDC, 70mA

Air flow:
15m³/h

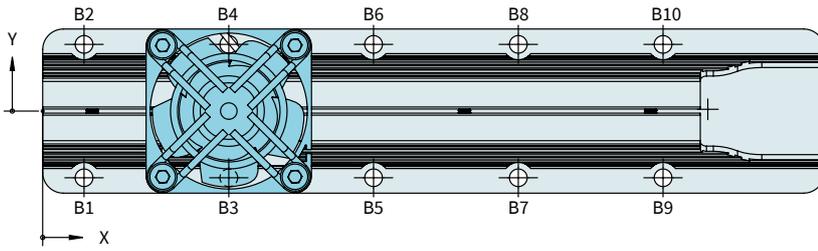
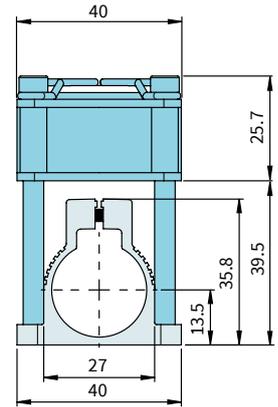
	X-Pos.	Y-Pos.	
B1	10	-16.25	ø 4.3 Through hole L 7.5 V 30.8
B2	10	16.25	
B3	45	-16.25	
B4	45	16.25	
B5	80	-16.25	
B6	80	16.25	

Item	Description	Item-No.
HV01-23_PF03	Fan kit for PF03-23	0150-4675



Fan supply:
24VDC, 70mA

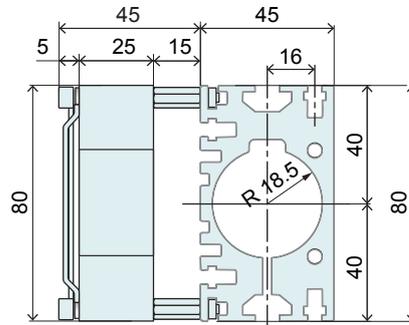
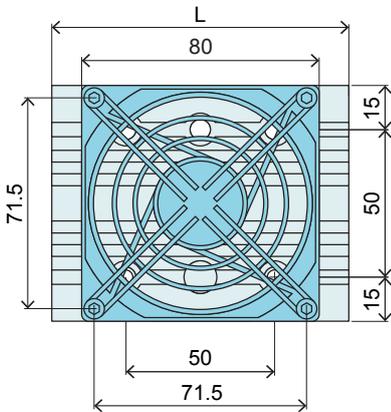
Air flow:
15m³/h



	X-Pos.	Y-Pos.	
B1	10	-16.25	ø 4.3 Through hole □ 7.5 ∇ 30.8
B2	10	16.25	
B3	45	-16.25	
B4	45	16.25	
B5	80	-16.25	
B6	80	16.25	
B7	115	-16.25	
B8	115	16.25	
B9	150	-16.25	
B10	150	16.25	

Item	Description	Item-No.
HV01-23_PF03	Fan kit for PF03-23	0150-4675

OPTIONAL FAN FOR PF02-37

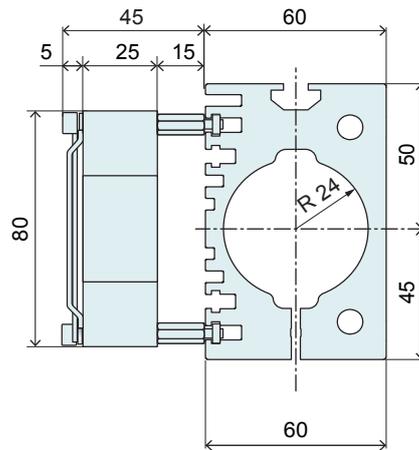
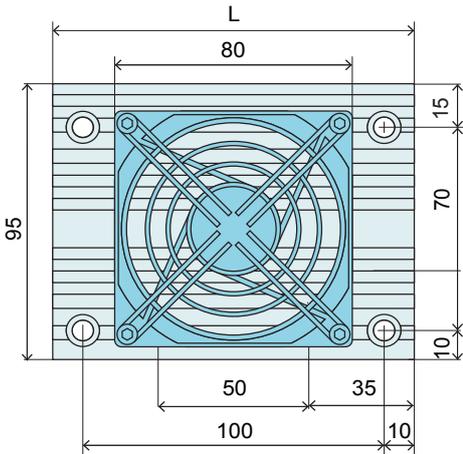


Fan supply:
24VDC, 120mA

Air flow:
80m³/h

Item	Description	Item-No.
HV01-37/48	Fan kit for H01-37, B01-37 and PF02-37	0150-5051

OPTIONAL FAN FOR PF01-48



Fan supply:
24VDC, 120mA

Air flow:
80m³/h

Item	Description	Item-No.
HV01-37/48	Fan kit for H01-48, B01-48 and PF01-48	0150-5051