

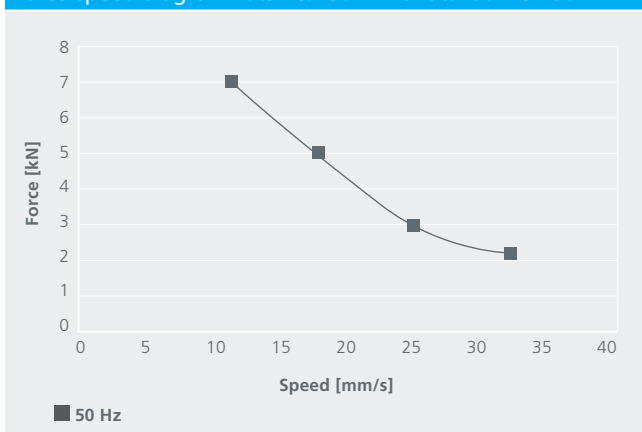
hamatic lift data sheet



Technical data

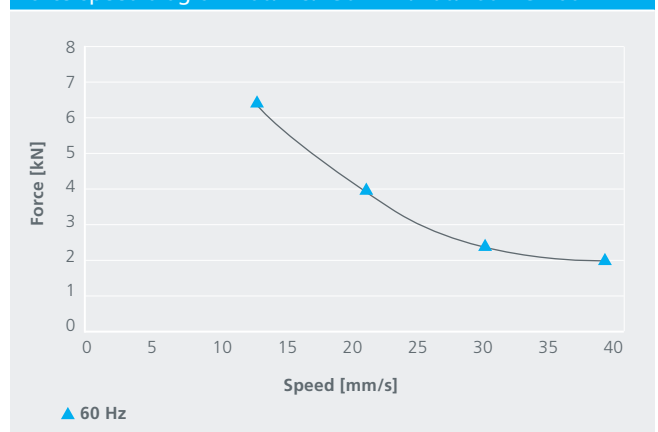
hamatic lift columns THS-2 and THS-3	
Mains voltage	1~ 100 / 115 / 230 V AC \pm 10 % 50/60 Hz (medical application) 3~ 400 / 480 V AC \pm 10 % 50/60 Hz (industrial application) 36 V DC via hatronic compact frequency inverter DC-FI
Max. force (push) Max. force (pull)	7,000 N (industrial application) or 5,000 N (medical application) On request
Duty cycle	25 s on / 400 off
Control options	<ul style="list-style-type: none"> · Hand- / foot switch (pneumatic/low-voltage) · Direct control via rated voltage · Via hatronic control CTRL · Via hatronic compact frequency inverter DC-FI
Position detection	Hall sensor on request
End position limitation	End position limitation through intern micro-switches

Force-speed diagram 100/115/230 V 1~/400/480 V 3~ 50 Hz



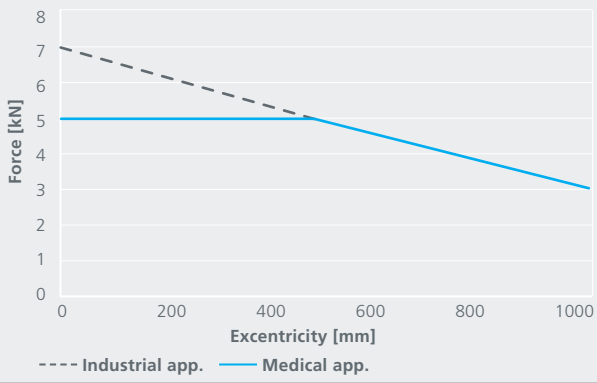
Applies to central load for THS-2 and THS-3

Force-speed diagram 100/115/230 V 1~/400/480 V 3~ 60 Hz

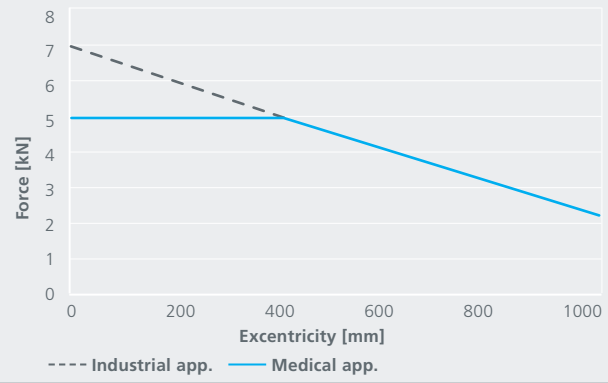


Applies to central load for THS-2 and THS-3

Force-eccentricity diagram type THS-2



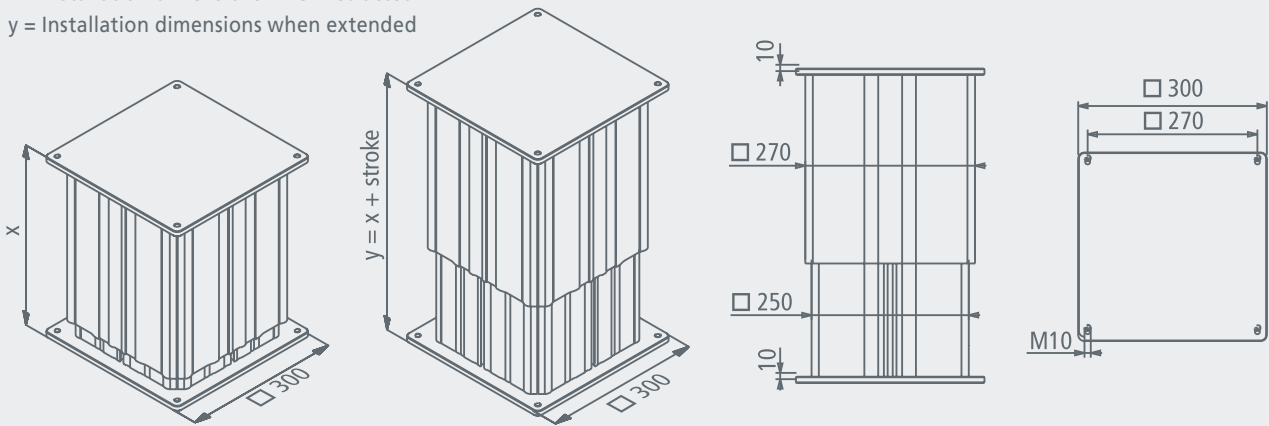
Force-eccentricity diagram type THS-3



Dimension sheets

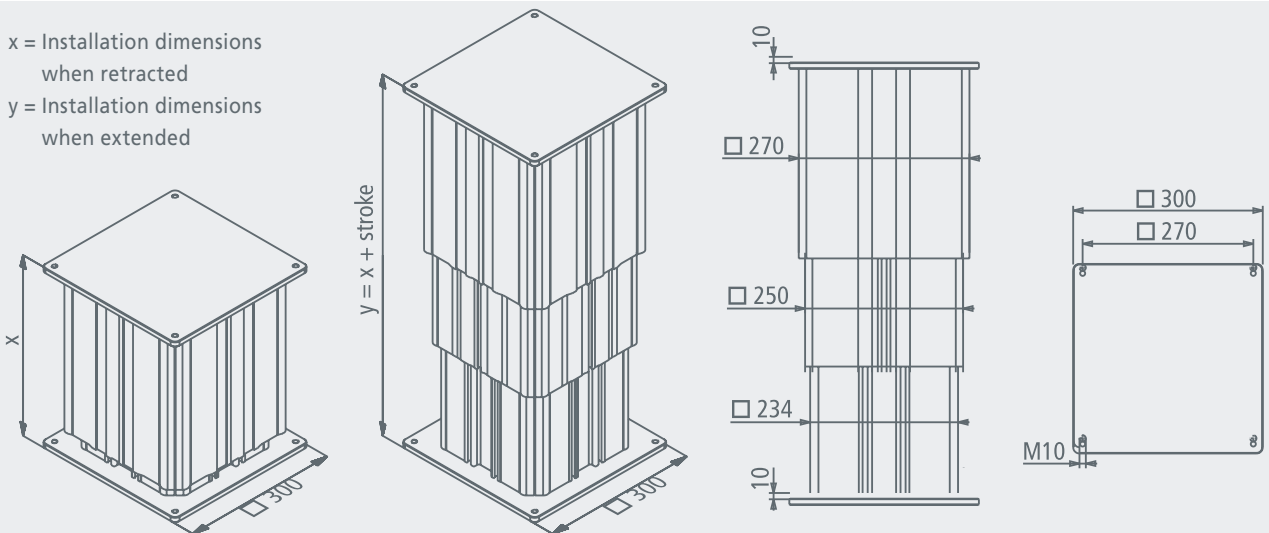
Type THS-2

x = Installation dimensions when retracted
y = Installation dimensions when extended



Type THS-3

x = Installation dimensions when retracted
y = Installation dimensions when extended



Stroke / Installation dimensions

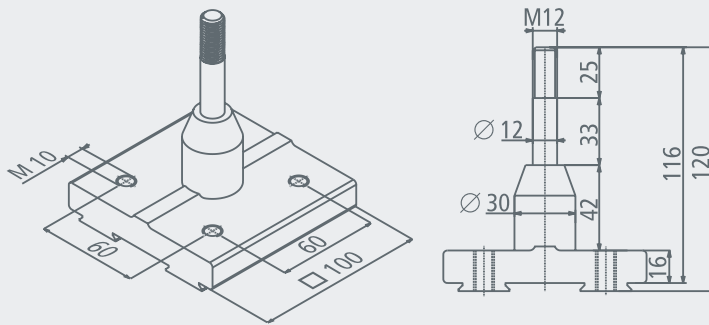
THS-2 (2-segments)		THS-3 (3-segments)	
Stroke	Installation dimensions x/y	Stroke	Installation dimensions x/y
150 mm	350/500 mm	300 mm	375/675 mm
200 mm	400/600 mm	400 mm	400/800 mm
250 mm	450/700 mm	450 mm	450/900 mm
300 mm	500/800 mm	500 mm	500/1000 mm
<i>Special dimensions on request</i>		<i>Special dimensions on request</i>	

x = Installation dimensions when retracted, y = Installation dimensions when extended
 Stroke length up to 1,500 mm on request

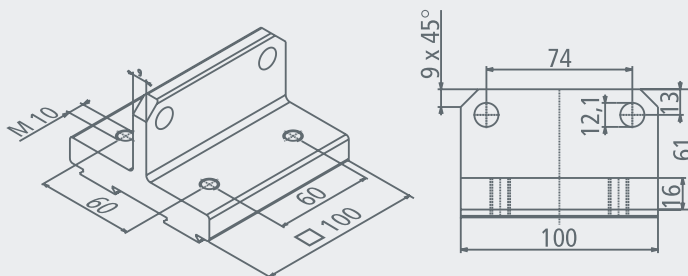
Mounting elements

We offer mounting elements to attach other HANNING drives to the **hamatic lift** to enable that the customers' attachment can be moved and swivelled.

Mounting element 1



Mounting element 2



Notes

