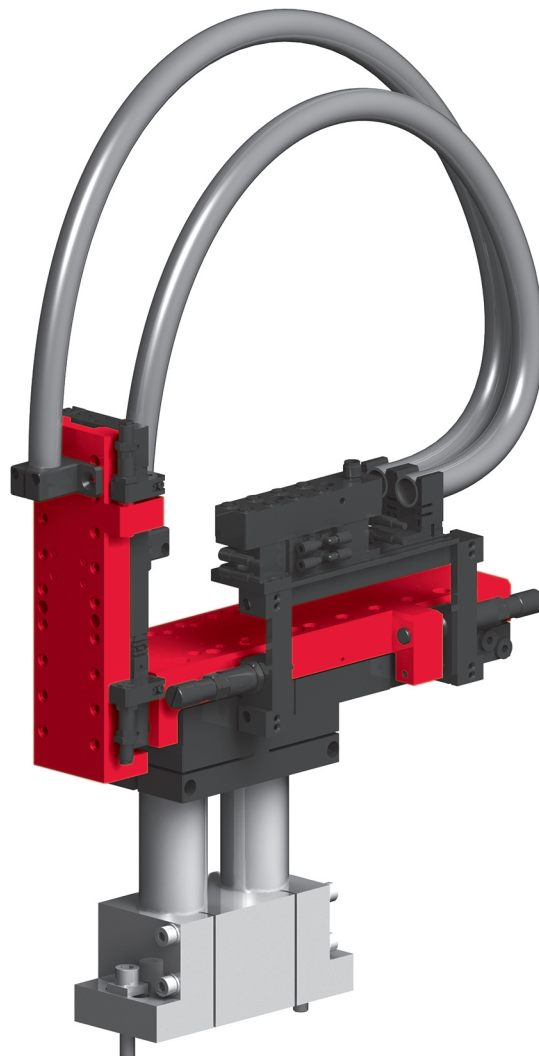


# Pneumatically handling systems

## EPS midi YZ



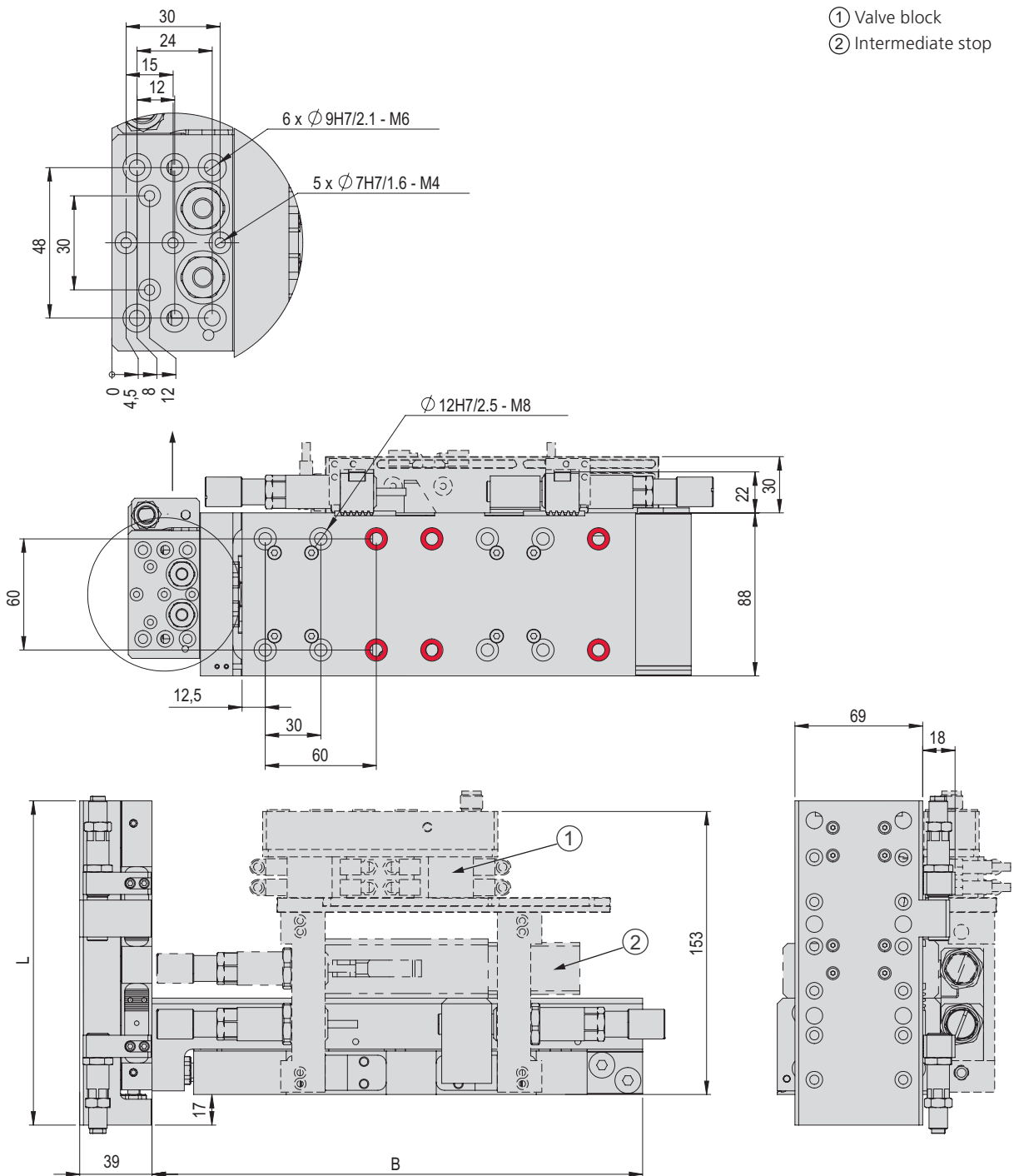
- Compact, fully pre-cabled and pre-piped ready for operation
- Intermediate stop available for Y and Z
- Y-stroke up to 240 mm


# Dimensions

## EPS midi YZ

Type	B
CS 25/60	265 mm
CS 25/120	325 mm
CS 25/180	415 mm
CS 25/240	475 mm

Type	L
CS 20/50	175 mm
CS 20/100	235 mm
CS 20/150	295 mm



 Bores can be screwed through. For additional and differently aligned bores that can be screwed through, see catalogue HT components linear.

EPS midi YZ	
<b>Order number</b>	<b>50456540</b>
Drive type	pneumatical
Repeat accuracy	± 0.02mm
Temperature range	0 ... 50 °C
Control block with 5/3, 5/2 or vacuum units	up to 6 valves

Type	Y-axis
Axis	CS 25
Stroke horizontal	60, 120, 180, 240 mm
Air connection P	G 1/8"
Maximum speed	1 m/s
Retract piston force	245 N
Extend piston force	305 N

Type	Z-axis
Axis	CS 20
Stroke vertical	50, 100, 150 mm
Air connection P	M5
Maximum speed	1 m/s
Retract piston force	207 N
Extend piston force	241 N

### Included in the delivery \*

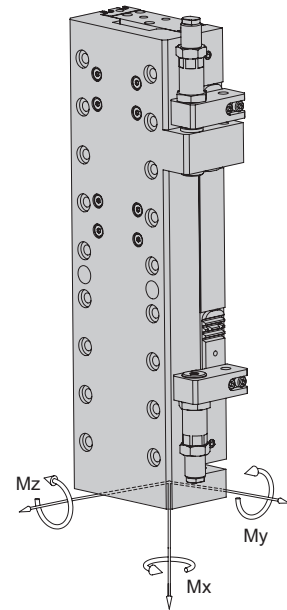
- 2x Ø 7h6 Centring sleeves
- 2x Ø 9h7 Centring sleeves
- 2x Ø 12h6 Centring sleeves
- 4x Special screws M8x35/15
- 4x Shock absorbers
- Hose
- Complete piping/wiring

### Accessories

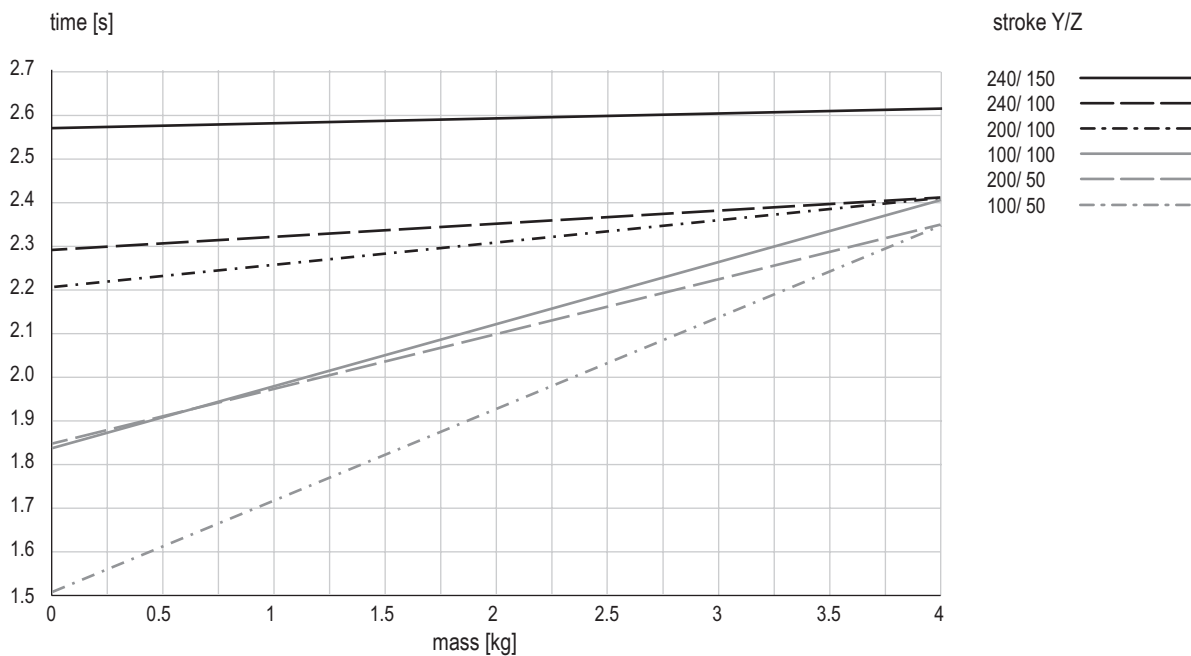
- (Catalogue HT accessories)
- Console
  - Valve block
  - Initiators
- (Catalogue HT components linear)
- Intermediate stop ZA-CS
- (Catalog HT components gripping/rotating)
- Rotary modules
  - Gripper modules

\* Deviations possible depending on installed peripherals

Type	CS 20/50	CS 20/100	CS 20/150
Static torque Mx	57 Nm	57 Nm	57 Nm
Static torque My	50 Nm	57 Nm	63 Nm
Static torque Mz	50 Nm	57 Nm	63 Nm



### Cycle times EPS midi YZ for Pick & Place



Times including 2 x 100 ms gripping time

#### Comment:

The values in the chart correspond to a Pick-and-Place cycle (6 subsequent movements + 2 x 100 ms gripping time). The indicated mass is centrally installed at the vertical linear unit. Standstill times of handling permit shorter movement times. In exceptions, e.g. at eccentric mass or high requirements to accuracy, the value may be exceeded.