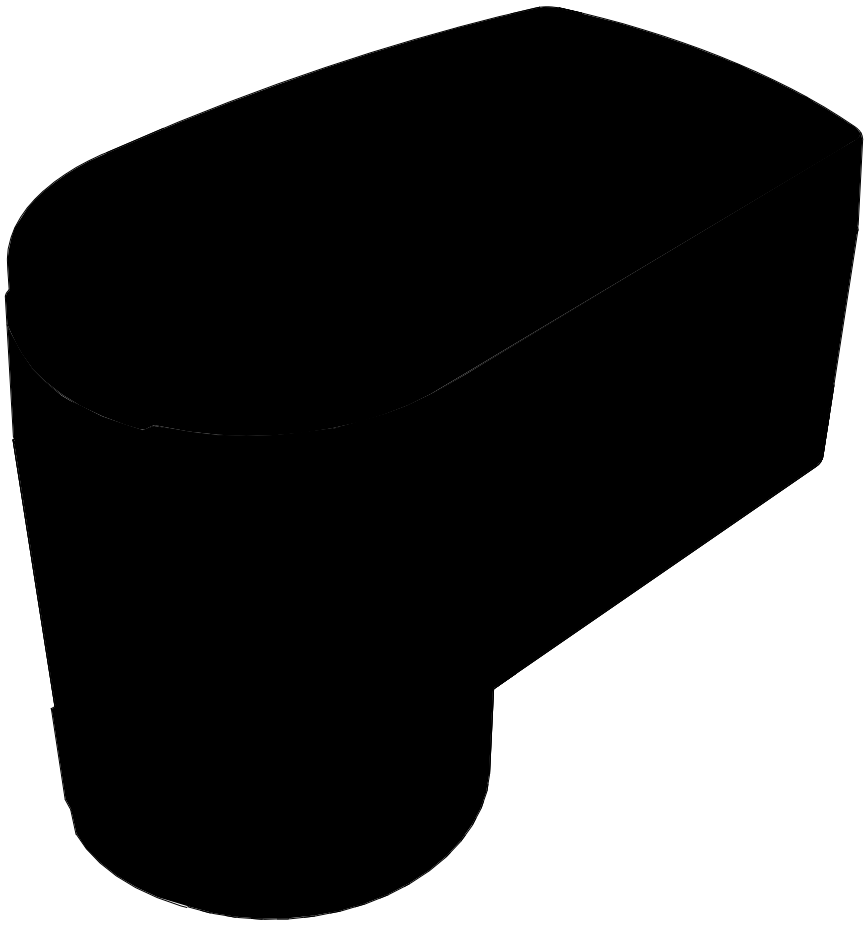
# Mxx 468×6

Motoric Valve Drive 24 V (AM3) · https://faqdoc.info/en/systemauswahl/motoric-valve-drive-6/motoric-valve-drive-24-v-am3-en/mxxx-468x6-2/



MPR 468x6

MPV 468x6

MPO 468x6

M3P 468x6

M3V 468x6

x = (0) 100 N

x = (2) 125 N

x = (3) 150 N

x = (4) 200 N

---

### Variants

The OEM Motoric Valve Drive 6: 24 V Proportional is supplied in the basic version without logo, with plug-in connection cable and valve adapter. The following versions are available in the basic version:

| Type | Actuation force | Actuation time | Control Voltage range | Scope of supply |
|---|---|---|---|---|
| **MPO 468x6-y0** | x = 2: 125 N<br>x = 0: 100 N<br>x = 3: 150 N<br>x = 4: 200 N | y = 3: 15 s/mm<br>y = 2: 30 s/mm | 0 – 10 V<br><br>Active:<br>0,5 – 10 V | Motoric Valve Drive: MPx in individual packaging<br><br>Valve adapter VA80 for all M30x1.5 valves<br><br>1 m connection line (plug-in), white, PVC 4 x 0.22 mm²<br><br>Installation instruction in 12 languages |
| **MPV 468x6-y01** | x = 2: 125 N<br>x = 0: 100 N<br>x = 3: 150 N<br>x = 4: 200 N | y = 3: 15 s/mm<br>y = 2: 30 s/mm | 0 – 10 V<br><br>Active:<br>0,5 – 10 V | 1 m connection line (plug-in), white, PVC 3 x 0.22 mm² |
| **MPR 468x6-y01** | x = 2: 125 N<br>x = 0: 100 N<br>x = 3: 150 N<br>x = 4: 200 N | y = 3: 15 s/mm<br>y = 2: 30 s/mm | 0 – 10 V<br><br>Active:<br>0,5 – 10 V | 1 m connection line (plug-in), white, PVC 3 x 0.22 mm² |

| | | | | |
|---|---|---|---|---|
| **M3P 468x6-y0** | x = 2: 125 N<br>x = 0: 100 N<br>x = 3: 150 N<br>x = 4: 200 N | y = 3: 15 s/mm<br>y = 2: 30 s/mm | 2-/3-point operation | 1 m connection line (plug-in), white, PVC 3 x 0.22 mm² |
| **M3V 468x6-y0** | x = 2: 125 N<br>x = 0: 100 N<br>x = 3: 150 N<br>x = 4: 200 N | y = 3: 15 s/mm<br>y = 2: 30 s/mm | 2-/3-point operation, with preset valve path recognition | 1 m connection line (plug-in), white, PVC 3 x 0.22 mm² |

Variation options: Preset variants and other valve adaptations on request

[1]No feedback due to 3-pole connection cable

## Equipment

The OEM Motoric Valve Drive 6: 24 V Proportional is supplied fully equipped as standard. The function of the actuator can be changed at the factory or via the APP, so predecessor variants can be simulated. For this purpose, the product comes with a 4-pole cable.

| | **MPO 46846** | **MPR 468x6 Simulation** | **MPV 468x6 Simulation** | **M3P 468x6 Simulation** | **M3V 468x6 Simulation** |
|---|---|---|---|---|---|
| **LCD** | √ | √ | √ | Without function | Without function |
| **Background illumination** | Switchable | Switchable | Switchable | Without function | Without function |
| **Function display via LED** | √ | √ | √ | √ | √ |
| **Valve path recognition** | √ | X | √ | X | √ |
| **Feedback signal** | √ | | | | |
| **Manual setting** | √ | √ | √ | √ | √ |

| | | | | | |
|---|---|---|---|---|---|
| **4-pole connection cable** | √ | | | | |
| **3-pole connection cable, minimum version** | Not available | √ Feedback not usable | √ Feedback not usable | √ | √ |

## Valve adaptation

The OEM Motoric Valve Drive 6: 24 V Proportional is supplied with a VA80 valve adapter ring as standard. The actuator can also be connected to other valves without any problems. The adapters cover a valve path of 8 mm each, measured from the minimum closed component.

| Valve adapters | Minimum locking dimension with OEM Motoric Valve Drive 6: 24 V Proportional | Valve manufacturer |
|---|---|---|
| **VA 80 – M30 x 1.5 mm** | 8.5 mm | Danfoss ABQM<br>Flowcon<br>Frese<br>Herz<br>Honeywell<br>IVAR<br>JCI<br>Oventrop<br>Sauter<br>Siemens<br>TA<br>Watts |
| **VA 33 – M28 x 1.5 mm** | 8 mm | Herz<br>JCI |
| **VA 64 – M28 x 1.5 mm** | 15.8 mm | Pettinaroli |
| **VA 67 – M30 x 1.5 mm** | 11 mm | Controlli |