

Climate  
Control

IMI TA

CV216/316, 225/325, 240/340 S/E



### **Standarta kontroles vārsti**

2- vai 3-gaitas, DN 15-300, augstai temperatūrai un spiedienam

# CV216/316, 225/325, 240/340 S/E

Piemēroti ēku un tehnoloģisko procesu dažādiem siltumnesējiem.  
Piemēroti ar blīvslēga pagarinājumu vai vārpstas apakšējo blīvējumu  
ar nerūsējošo tēraudu un vārstu izgatavošanu no nerūsējošā tērauda  
no -10°C līdz 350°C.

## Galvenās iezīmes

**Mikroprocesora kontrollēts**  
Multifunkcionāli, pielāgojams.

**Dažādi korpusa materiāli - dažādas  
spiediena klases**  
Pieejams ķeta, kaltais ķets, lietā tērauda  
un nerūsējošā tērauda izpildījums - no  
PN 16 līdz PN 40.



## Tehniskais apraksts

### Pielietojums:

Dzesēšanas un karstajam ūdenim ar  
maks. 50% antifrīza un pretkorozijas  
savienojumiem: polietilēnglikols,  
etilspirta glikols, mono etilspirts,  
etilspirts, metilspirts, glicerīns,  
antifrogen® N+L, siltumnesēji no  
minerāleļļas, tvaika un naftas.

### Funkcijas:

CV216/225/240S/240E: 2-gaitas  
kontrolvārsts  
CV316/325/340S/340E: 3-gaitas  
sajaukšanasvārsts (sadalošajam  
vārstam ar samazinātu aizvēršanas  
spiedienu – lūzdu sazinieties ar IMI)

### Raksturliķnes:

CV216/225/240S/240E:  
DN 15-50: proporcionāla (opcija: lineāra)  
DN 65-300: proporcionāla (opcija: lineāra)  
Perforēts virzulis: proporcionāla (opcija:  
lineāra)  
CV316/325/340S/340E:  
DN 15-40: A-AB proporcionāla (opcija:  
lineāra), B-AB lineāra  
DN 50-300: A-AB proporcionāla (opcija:  
lineāra), B-AB lineāra

### Izmēri:

CV216: DN 125-300  
CV316: DN 125-300  
CV225/325: DN 15-200  
CV240/340S, CV240/340E: DN 15-300

### Pretatluki:

Atbilstoši EN 558-1 pamatsērija 1.

### Spiediena klase:

CV216/316: PN 16  
CV225/325: PN 16/25/40  
CV225/325 (DN 150): PN 16/25  
CV225/325 (DN 200): PN 16  
CV240S/340S: PN 40  
CV240E/340E: PN 40

### Temperatūra:

Maks. darba temperatūra: 200°C  
Min. darba temperatūra: 0°C  
Zemākām un augstākām temperatūrām  
(-10°C - 350°C) lūzdu sazinieties ar IMI.

### Noplūdes kārtā:

EN 1349 - sēžas-noplūde IV L1  
(≤ 0.01% no Kvs-lieluma).

### Maks. kontrolvārsta gājiens:

DN 15-40: 20 mm  
DN 50-65: 30 mm  
DN 80-100: 50 mm  
DN 125-200: 60 mm  
DN 250-300: 80 mm

### Diapazona spēja:

≥50:1

### Aktuatori:

TA-MC103, TA-MC163, TA-MC223,  
TA-MC403, TA-MC503, TA-MC1003,  
TA-MC1503, TA-MH2503\*.  
Bezatteices funkciju\*\*: TA-MC103SE,  
TA-MC253SE.

\*) Īpašs pasūtījums.

\*\*) Tikai 2-gaitas vārstiem.

### Materiāls:

Korpuss:  
CV216/316: Ķets EN-JL1040  
CV225/325: Kaltais ķets EN-JS1024  
CV240S/340S: Lietais tērauds 1.0619+N  
CV240E/340E: Nerūsējošais tērauds  
1.4408  
Virzulis: CrNi-tērauds 1.4057.  
CV240E/340E: CrNi- tērauds 1.4571.  
Vārpsta: CrMo- tērauds 1.4122.  
CV240E/340E: CrNi-tērauds 1.4571.  
Vārpstas blīvējums: EPDM O-gredzens  
(dzesēšanas un karstajam ūdenim ar  
maks. 50 % antifrīza un pretkorozijas  
savienojumiem: polietilēnglikols,  
etilspirta glikols, mono etilspirts,  
etilspirts, metilspirts, glicerīns,  
antifrogen® N+L).

### Virsmas apstrāde:

CVxxxS: Ar K-cinku bagāts gruntējums,  
pelēks.  
CVxxxE: Neapstrādāts

### Markējums:

IMI TA, PN, DN, vārsta tips, materiāls,  
identifikācijas numurs, partijas numurs  
un plūsmas virziena bulta.  
(gadījumā, ja 3-gaitas vārsti, arī gaitu  
nosaukumi - A, B, AB)

### Savienojuma tips:

CV216/225/316/325: Atluki atbilstoši  
EN 1092-2 tips 21.  
CV240S/240E/340S/340E: Atluki  
atbilstoši EN 1092-1 tips 21.

## Vārsta varianti un piederumi

### 2-gaitas un 3-gaitas vārstiem

- Virzulis un sēžas pamatne; EN 1349 - sēžas-noplūde IV-S1 L1 ( $\leq 0,0005\%$  no Kvs-lieluma). Virzulis un sēža ir apstrādāti kopā lai samazinātu noplūdi.
- Virzulis ar mīksto blīvējumu no NBR, EPDM, PTFE; EN 1349 - sēžas-noplūde VI G1 (cieši noslēgts).
- Vārpstas sildītājs: Temperatūrai uzleju līdz  $-30^{\circ}\text{C}$ , 24 VAC, 50 Hz vai 24 VDC,  $P_{\text{maks}} \approx 400 \text{ VA}$ ,  $P_N \approx 30 \text{ VA}$ , S1 100% ED, IP 54. Drošinātājs aizsardzības ķēdes pārtraucējs 16A, atslēgšanas raksturlielums "B".
- Vārpstas apakšas blīvējums no nerūsējošā tērauda;
  - vārstiem no ķeta  $-10^{\circ}\text{C}$  -  $200^{\circ}\text{C}$ .
  - vārstiem no kaltais ķets un lietā tērauda  $-10^{\circ}\text{C}$  -  $350^{\circ}\text{C}$  (blīvslēgs veidots no grafiņa).
  - vārstiem no nerūsējošā tērauda  $-30^{\circ}\text{C}$  -  $350^{\circ}\text{C}$  (blīvslēgs veidots no grafiņa).
- Blīvslēga pagarinājums, 100 mm;
  - vārstiem no kaltais ķets un lietā tērauda  $-10^{\circ}\text{C}$  -  $350^{\circ}\text{C}$ .
  - vārstiem no lietā tērauda un nerūsējošā tērauda  $-30^{\circ}\text{C}$  -  $350^{\circ}\text{C}$ .
- Vārpstas blīvējums;
  - FKM O- gredzens:  $0$  -  $150^{\circ}\text{C}$  (siltumnesējs no minerāleļļas).
  - Fluoraz<sup>®</sup> O- gredzens:  $0$  -  $200^{\circ}\text{C}$  (karstais ūdens, tvaiks un eļļa).
  - Grafiņa blīvējums <sup>1)</sup>:  $0$  -  $350^{\circ}\text{C}$  (karstais ūdens, tvaiks un eļļa).
- Epoksīda sveķu speciālais pārklājums kā antikorozants ūdens kondensāta gadījumā, maks.  $80^{\circ}\text{C}$  <sup>2)</sup>.
- Tehniskā silikona brīva versija, maks.  $180^{\circ}\text{C}$ .
- Eļļas un tauku brīva versija skābekļa pielietojumiem.

### 2-gaitas vārstiem

- Saskrūvēta sēža;
  - vārstiem no ķeta, kaltais ķets un lietā tērauda veidota no 1.4122 (necietināta vai cietināta).
  - vārstiem no nerūsējošā tērauda (veidota no 1.4571).
- Perforēts virzulis;
  - vārstiem no ķeta, kaltais ķets un lietā tērauda veidots no 1.4057 (necietināta vai cietināta).
  - vārstiem no nerūsējošā tērauda (veidots no 1.4571).
- Korpusa sēža pārklāta ar SKWAM vai Stellite 6 <sup>3)</sup>.
- Balansēts virzulis, maks. darba temperatūra  $200^{\circ}\text{C}$ .

1) Vienīgi kombinācijā ar blīvslēga pagarinājumu vai vārpstas apakšējo blīvējumu ar nerūsējošo tēraudu.

2) Izņemot vārsti, kas izgatavoti no nerūsējošā tērauda.

3) Tikai vārstiem, kas izgatavoti no kaltais ķet, lietā tērauda un nerūsējošā tērauda.

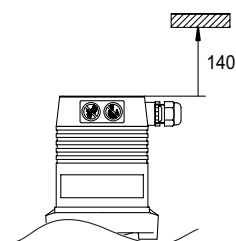
Lai pasūtītu īpašu vārsta variantu, sazinieties ar IMI vai izmantojiet programmatūru HySelect.

## Uzstādīšana

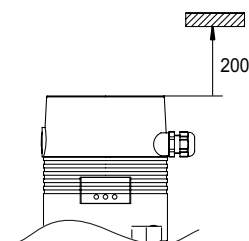
Vārsta darbību var bojāt netīrumi cauruļvados. Ieteicama filtru uzstādīšana.

**Piezīme!** Nepieciešama brīva telpa virs aktuatoriem.

MC103/103SE/163/223



MC253SE/403/503/1003/1503/MH2503



## Tehniskie dati vārstam CV216 un CV316 ar aktuatoru

### CV216 – PN 16

| DN                            |                 |     | 125                | 150                | 200                | 250              | 300              |
|-------------------------------|-----------------|-----|--------------------|--------------------|--------------------|------------------|------------------|
| Kvs                           |                 |     | 250                | 400                | 630                | 1000             | 1250             |
|                               |                 |     | 200 <sup>S</sup>   | 315 <sup>S</sup>   | 500 <sup>S</sup>   | 800              | 1000             |
|                               |                 |     | 160                | 250                | 400                | 630              | 800              |
|                               |                 |     | 125 <sup>S/L</sup> | 200 <sup>S/L</sup> | 315 <sup>S/L</sup> | 500 <sup>L</sup> | 630 <sup>L</sup> |
| Gājiens                       |                 | mm  | 60                 | 60                 | 60                 | 80               | 80               |
| TA-MC403/24<br>TA-MC403/230   | t <sup>1)</sup> | s   | 40                 | 40                 |                    |                  |                  |
|                               | Δp <sub>s</sub> | kPa | 200                | 130                |                    |                  |                  |
| TA-MC503/24<br>TA-MC503/230   | t <sup>1)</sup> | s   | 300                | 300                |                    |                  |                  |
|                               | Δp <sub>s</sub> | kPa | 290                | 190                |                    |                  |                  |
| TA-MC1003/24<br>TA-MC1003/230 | t               | s   | 60                 | 60                 | 60                 | 80               |                  |
|                               | Δp <sub>s</sub> | kPa | 500                | 350                | 200                | 100              |                  |
| TA-MC1503/24<br>TA-MC1503/24  | t               | s   | 120                | 120                | 120                | 160              | 160              |
|                               | Δp <sub>s</sub> | kPa | 950                | 700                | 370                | 220              | 150              |

| DN            |                 |     | 125                | 150                | 200                | 250              | 300  |
|---------------|-----------------|-----|--------------------|--------------------|--------------------|------------------|------|
| Kvs           |                 |     | 250                | 400                | 630                | 1000             | 1600 |
|               |                 |     | 200 <sup>S</sup>   | 315 <sup>S</sup>   | 500 <sup>S</sup>   | 800              | 1250 |
|               |                 |     | 160                | 250                | 400                | 630              | 1000 |
|               |                 |     | 125 <sup>S/L</sup> | 200 <sup>S/L</sup> | 315 <sup>S/L</sup> | 500 <sup>L</sup> | 800  |
| Gājiens       |                 | mm  | 60                 | 60                 | 60                 | 90               | 90   |
| TA-MH2503/230 | t               | s   | 30                 | 30                 | 30                 | 50               | 50   |
|               | Δp <sub>s</sub> | kPa | 1600               | 1250               | 690                | 440              | 300  |

100 kPa = 1 bar = 10 mWS

Δp<sub>s</sub> = Aizvēršanās spiediens

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

L) Pieejams ar perforētu virzuli

S) Speciāli Kvs lielumi

**CV316 – PN 16**

| DN            |                 |     | 125              | 150              | 200              | 250  | 300  |
|---------------|-----------------|-----|------------------|------------------|------------------|------|------|
| Kvs           |                 |     | 250              | 400              | 630              | 1000 | 1250 |
|               |                 |     | 200              | 315              | 500              | 800  | 1000 |
|               |                 |     | 160 <sup>S</sup> | 250 <sup>S</sup> | 400 <sup>S</sup> | 630  | 800  |
|               |                 |     | 125 <sup>S</sup> | 200 <sup>S</sup> | 315 <sup>S</sup> | 500  | 630  |
|               |                 |     |                  |                  |                  |      |      |
| Gājiens       |                 | mm  | 60               | 60               | 60               | 80   | 80   |
| TA-MC403/24   | t <sup>1)</sup> | s   | 40               | 40               |                  |      |      |
| TA-MC403/230  |                 |     | 25*              | 25*              |                  |      |      |
|               | Δp <sub>s</sub> | kPa | 200              | 130              |                  |      |      |
| TA-MC503/24   | t <sup>1)</sup> | s   | 300              | 300              |                  |      |      |
| TA-MC503/230  |                 |     | 150*             | 150*             |                  |      |      |
|               | Δp <sub>s</sub> | kPa | 290              | 190              |                  |      |      |
| TA-MC1003/24  | t               | s   | 60               | 60               | 60               | 80   |      |
| TA-MC1003/230 |                 |     |                  |                  |                  |      |      |
|               | Δp <sub>s</sub> | kPa | 500              | 350              | 200              | 100  |      |
| TA-MC1503/24  | t               | s   | 120              | 120              | 120              | 160  | 160  |
| TA-MC1503/24  |                 |     |                  |                  |                  |      |      |
|               | Δp <sub>s</sub> | kPa | 950              | 700              | 370              | 220  | 150  |

| DN            |                 |     | 125              | 150              | 200              | 250  | 300  |
|---------------|-----------------|-----|------------------|------------------|------------------|------|------|
| Kvs           |                 |     | 250              | 400              | 630              | 1000 | 1600 |
|               |                 |     | 200              | 315              | 500              | 800  | 1250 |
|               |                 |     | 160 <sup>S</sup> | 250 <sup>S</sup> | 400 <sup>S</sup> | 630  | 1000 |
|               |                 |     | 125 <sup>S</sup> | 200 <sup>S</sup> | 315 <sup>S</sup> | 500  | 800  |
|               |                 |     |                  |                  |                  |      |      |
| Gājiens       |                 | mm  | 60               | 60               | 60               | 90   | 90   |
| TA-MH2503/230 | t               | s   | 30               | 30               | 30               | 50   | 50   |
|               | Δp <sub>s</sub> | kPa | 1600             | 1250             | 690              | 440  | 300  |

100 kPa = 1 bar = 10 mWS

Δp<sub>s</sub> = Aizvēršanās spiediens

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

S) Speciāli Kvs lielumi

## Tehniskie dati vārstam CV225 un CV325 ar aktuatoru

### CV225 – PN 16, PN 25, PN 40

| DN                              |                 |     | 15              | 15                                                       | 20                                                                           | 25                                                             | 32                                                             | 40                                                              | 50                                                              | 65 <sup>2)</sup>                                                | 80                                                             | 100 <sup>2)</sup>                                                | 125 <sup>2)</sup>                                    | 150 <sup>3)</sup>                                    | 200 <sup>4)</sup>                                    |     |     |
|---------------------------------|-----------------|-----|-----------------|----------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----|-----|
| Kvs                             |                 |     | 4 <sup>L</sup>  | 2.5<br>1.6<br>1.25<br>1.0<br>0.63<br>0.4<br>0.25<br>0.16 | 6.3 <sup>L</sup><br>5 <sup>S/L</sup><br>4 <sup>L</sup><br>2.5 <sup>S/L</sup> | 10<br>8 <sup>S/L</sup><br>6.3 <sup>L</sup><br>5 <sup>S/L</sup> | 16<br>12.5 <sup>S</sup><br>10 <sup>L</sup><br>8 <sup>S/L</sup> | 25<br>20 <sup>S</sup><br>16 <sup>L</sup><br>12.5 <sup>S/L</sup> | 40<br>31.5 <sup>S</sup><br>25 <sup>L</sup><br>20 <sup>S/L</sup> | 63<br>50 <sup>S</sup><br>40 <sup>L</sup><br>31.5 <sup>S/L</sup> | 100<br>80 <sup>S</sup><br>63 <sup>L</sup><br>50 <sup>S/L</sup> | 160<br>125 <sup>S</sup><br>100 <sup>L</sup><br>80 <sup>S/L</sup> | 250<br>200 <sup>S</sup><br>160<br>125 <sup>S/L</sup> | 400<br>315 <sup>S</sup><br>250<br>200 <sup>S/L</sup> | 630<br>500 <sup>S</sup><br>400<br>315 <sup>S/L</sup> |     |     |
| Gājiens                         |                 |     | mm              | 20                                                       | 20                                                                           | 20                                                             | 20                                                             | 20                                                              | 30                                                              | 30                                                              | 50                                                             | 50                                                               | 60                                                   | 60                                                   | 60                                                   |     |     |
| TA-MC103/24<br>TA-MC103/230     | t <sup>1)</sup> | s   | 240             | 240                                                      | 240                                                                          | 240                                                            | 240                                                            | 240                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | 180             | 180                                                      | 180                                                                          | 180                                                            | 180                                                            | 180                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | 80*             | 80*                                                      | 80*                                                                          | 80*                                                            | 80*                                                            | 80*                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | 40              | 40                                                       | 40                                                                           | 40                                                             | 40                                                             | 40                                                              |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 | Δp <sub>s</sub> | kPa | 1250            | 3500                                                     | 1250                                                                         | 1050                                                           | 600                                                            | 350                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
| TA-MC163/24<br>TA-MC163/230     | t <sup>1)</sup> | s   | 120             | 120                                                      | 120                                                                          | 120                                                            | 120                                                            | 120                                                             | 180                                                             | 180                                                             |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | 80*             | 80*                                                      | 80*                                                                          | 80*                                                            | 80*                                                            | 80*                                                             | 120*                                                            | 120*                                                            |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      | 2400                                                                         | 4000                                                           | 2400                                                           | 2050                                                            | 1250                                                            | 750                                                             | 450                                                            | 300                                                              |                                                      |                                                      |                                                      |     |     |
| TA-MC223/24<br>TA-MC223/230     | t <sup>1)</sup> | s   | 60              | 60                                                       | 60                                                                           | 60                                                             | 60                                                             | 60                                                              | 90                                                              | 90                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      | 4000                                                                         | 3200                                                           | 3200                                                           | 2700                                                            | 1700                                                            | 1100                                                            | 700                                                            | 450                                                              |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
| TA-MC403/24<br>TA-MC403/230     | t <sup>1)</sup> | s   | 15              | 15                                                       | 15                                                                           | 15                                                             | 15                                                             | 15                                                              | 20                                                              | 20                                                              | 30                                                             | 30                                                               | 40                                                   | 40                                                   |                                                      |     |     |
|                                 |                 |     | 10*             | 10*                                                      | 10*                                                                          | 10*                                                            | 10*                                                            | 10*                                                             | 15*                                                             | 15*                                                             | 20*                                                            | 20*                                                              | 25*                                                  | 25*                                                  |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      | 4000                                                                         | 4000                                                           | 4000                                                           | 4000                                                            | 3700                                                            | 2400                                                            | 1500                                                           | 950                                                              | 650                                                  | 400                                                  | 200                                                  | 130 |     |
| TA-MC503/24<br>TA-MC503/230     | t <sup>1)</sup> | s   | 100             | 100                                                      | 100                                                                          | 100                                                            | 100                                                            | 100                                                             | 150                                                             | 150                                                             | 250                                                            | 250                                                              | 300                                                  | 300                                                  |                                                      |     |     |
|                                 |                 |     | 50*             | 50*                                                      | 50*                                                                          | 50*                                                            | 50*                                                            | 50*                                                             | 75*                                                             | 75*                                                             | 125*                                                           | 125*                                                             | 150*                                                 | 150*                                                 |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      | 4000                                                                         | 4000                                                           | 4000                                                           | 4000                                                            | 4000                                                            | 3150                                                            | 1950                                                           | 1250                                                             | 850                                                  | 500                                                  | 290                                                  | 190 |     |
| TA-MC1003/24<br>TA-MC1003/230   | t               | s   |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 | 30                                                              | 50                                                             | 50                                                               | 60                                                   | 60                                                   | 60                                                   |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 | 2150                                                           | 1500                                                             | 950                                                  | 500                                                  | 350                                                  | 200 |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
| TA-MC1503/24<br>TA-MC1503/24    | t               | s   |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  | 120                                                  | 120                                                  | 120                                                  |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      | 950                                                  | 700 | 370 |
| Bezatteices funkciju            |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
| TA-MC103SE/24<br>TA-MC103SE/230 | t <sup>1)</sup> | s   | 120             | 120                                                      | 120                                                                          | 120                                                            | 120                                                            | 120                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | 80*             | 80*                                                      | 80*                                                                          | 80*                                                            | 80*                                                            | 80*                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | F-S t           | s                                                        | ~2                                                                           | ~2                                                             | ~2                                                             | ~2                                                              | ~2                                                              | ~2                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
| TA-MC253SE/24<br>TA-MC253SE/230 | t <sup>1)</sup> | s   | 50              | 50                                                       | 50                                                                           | 50                                                             | 50                                                             | 50                                                              | 75                                                              | 75                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     |                 |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | F-S t           | s                                                        | ~2                                                                           | ~2                                                             | ~2                                                             | ~2                                                              | ~2                                                              | ~2                                                              | ~3                                                             | ~3                                                               |                                                      |                                                      |                                                      |     |     |
|                                 |                 |     | Δp <sub>s</sub> | kPa                                                      | 4000                                                                         | 4000                                                           | 4000                                                           | 3500                                                            | 2200                                                            | 1400                                                            | 850                                                            | 540                                                              |                                                      |                                                      |                                                      |     |     |

| DN            |                 |     |      | 125 <sup>2)</sup>  | 150 <sup>3)</sup>  | 200 <sup>4)</sup>  |
|---------------|-----------------|-----|------|--------------------|--------------------|--------------------|
| Kvs           |                 |     |      | 250                | 400                | 630                |
|               |                 |     |      | 200 <sup>S</sup>   | 315 <sup>S</sup>   | 500 <sup>S</sup>   |
|               |                 |     |      | 160                | 250                | 400                |
|               |                 |     |      | 125 <sup>S/L</sup> | 200 <sup>S/L</sup> | 315 <sup>S/L</sup> |
| Gājiens       |                 | mm  |      |                    |                    |                    |
| TA-MH2503/230 | t               | s   |      |                    |                    |                    |
|               | Δp <sub>s</sub> | kPa |      |                    |                    |                    |
|               |                 |     | 60   | 60                 | 60                 |                    |
|               |                 |     | 30   | 30                 | 30                 |                    |
|               |                 |     | 1800 | 1250               | 690                |                    |

100 kPa = 1 bar = 10 mWS

Δp<sub>s</sub> = Aizvēršanās spiediens. Aizvēršanās spiediens ierobežots ar nominālo spiedienu.

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

2) PN 16 vai PN 25-40

3) PN 16 vai PN 25

4) PN 16

L) Pieejams ar perforētu virzuli

S) Speciāli Kvs lielumi

**CV325 – PN 16, PN 25, PN 40**

| DN                            |  |                 | 15               | 20               | 25              | 32                | 40              | 50                | 65 <sup>2)</sup> | 80               | 100 <sup>2)</sup> | 125 <sup>2)</sup> | 150 <sup>3)</sup> | 200 <sup>4)</sup> |
|-------------------------------|--|-----------------|------------------|------------------|-----------------|-------------------|-----------------|-------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| Kvs                           |  |                 | 4                | 6.3              | 10              | 16                | 25              | 40                | 63               | 100              | 160               | 250               | 400               | 630               |
|                               |  |                 | 2.5              | 5                | 8               | 12.5              | 20              | 31.5              | 50               | 80               | 125               | 200               | 315               | 500               |
|                               |  |                 | 4 <sup>s</sup>   | 6.3 <sup>s</sup> | 10 <sup>s</sup> | 16 <sup>s</sup>   | 25 <sup>s</sup> | 40 <sup>s</sup>   | 63 <sup>s</sup>  | 100 <sup>s</sup> | 160 <sup>s</sup>  | 250 <sup>s</sup>  | 400 <sup>s</sup>  |                   |
|                               |  |                 | 2.5 <sup>s</sup> | 5 <sup>s</sup>   | 8 <sup>s</sup>  | 12.5 <sup>s</sup> | 20 <sup>s</sup> | 31.5 <sup>s</sup> | 50 <sup>s</sup>  | 80 <sup>s</sup>  | 125 <sup>s</sup>  | 200 <sup>s</sup>  | 315 <sup>s</sup>  |                   |
| Gājiens                       |  | mm              | 20               | 20               | 20              | 20                | 20              | 30                | 30               | 50               | 50                | 60                | 60                | 60                |
| TA-MC103/24<br>TA-MC103/230   |  | t <sup>1)</sup> | s                | 240              | 240             | 240               | 240             | 240               |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  | 180              | 180             | 180               | 180             | 180               |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  | 80*              | 80*             | 80*               | 80*             | 80*               |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  | 40               | 40              | 40                | 40              | 40                |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              | 1250             | 1250            | 1050              | 600             | 350               |                  |                  |                   |                   |                   |                   |
| TA-MC163/24<br>TA-MC163/230   |  | t <sup>1)</sup> | s                | 120              | 120             | 120               | 120             | 120               | 180              | 180              |                   |                   |                   |                   |
|                               |  |                 |                  | 80*              | 80*             | 80*               | 80*             | 80*               | 120*             | 120*             |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              | 2400             | 2400            | 2050              | 1250            | 750               | 450              | 300              |                   |                   |                   |                   |
| TA-MC223/24<br>TA-MC223/230   |  | t <sup>1)</sup> | s                | 60               | 60              | 60                | 60              | 60                | 90               | 90               |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              | 3200             | 3200            | 2700              | 1700            | 1100              | 700              | 450              |                   |                   |                   |                   |
| TA-MC403/24<br>TA-MC403/230   |  | t <sup>1)</sup> | s                | 15               | 15              | 15                | 15              | 15                | 20               | 20               | 30                | 30                | 40                | 40                |
|                               |  |                 |                  | 10*              | 10*             | 10*               | 10*             | 10*               | 15*              | 15*              | 20*               | 20*               | 25*               | 25*               |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              | 4000             | 4000            | 4000              | 3700            | 2400              | 1500             | 950              | 650               | 400               | 200               | 130               |
| TA-MC503/24<br>TA-MC503/230   |  | t <sup>1)</sup> | s                | 100              | 100             | 100               | 100             | 100               | 150              | 150              | 250               | 250               | 300               | 300               |
|                               |  |                 |                  | 50*              | 50*             | 50*               | 50*             | 50*               | 75*              | 75*              | 125*              | 125*              | 150*              | 150*              |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              | 4000             | 4000            | 4000              | 4000            | 3150              | 1950             | 1250             | 850               | 500               | 290               | 190               |
| TA-MC1003/24<br>TA-MC1003/230 |  | t               | s                |                  |                 |                   |                 |                   |                  | 30               | 50                | 50                | 60                | 60                |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              |                  |                 |                   |                 |                   |                  | 2150             | 1500              | 950               | 500               | 350               |
| TA-MC1503/24<br>TA-MC1503/24  |  | t               | s                |                  |                 |                   |                 |                   |                  |                  |                   |                   | 120               | 120               |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   |                   |                   |
|                               |  | Δp <sub>s</sub> | kPa              |                  |                 |                   |                 |                   |                  |                  |                   |                   | 950               | 700               |
|                               |  |                 |                  |                  |                 |                   |                 |                   |                  |                  |                   |                   | 370               |                   |

| DN            |                 |     | 125 <sup>2)</sup> | 150 <sup>3)</sup> | 200 <sup>4)</sup> |
|---------------|-----------------|-----|-------------------|-------------------|-------------------|
| Kvs           |                 |     | 250               | 400               | 630               |
|               |                 |     | 200 <sup>s</sup>  | 315 <sup>s</sup>  | 500 <sup>s</sup>  |
|               |                 |     | 160               | 250               | 400               |
|               |                 |     | 125 <sup>s</sup>  | 200 <sup>s</sup>  | 315 <sup>s</sup>  |
| Gājiens       |                 | mm  | 60                | 60                | 60                |
| TA-MH2503/230 | t               | s   | 30                | 30                | 30                |
|               | Δp <sub>s</sub> | kPa | 1800              | 1250              | 690               |

100 kPa = 1 bar = 10 mWS

Δp<sub>s</sub> = Aizvēršanās spiediens. Aizvēršanās spiediens ierobežots ar nominālo spiedienu.

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

2) PN 16 vai PN 25-40

3) PN 16 vai PN 25

4) PN 16

L) Pieejams ar perforētu virzuli

S) Speciāli Kvs lielumi

## Tehniskie dati vārstam CV240S/E, CV340S/E ar aktuatoru

### CV240S, CV240E – PN 40

| DN                              |                 |     | 15                      | 15                                                       | 20                                                                           | 25                                                             | 32                                                             | 40                                                              | 50                                                              | 65                                                              | 80                                                             | 100                                                              | 125                                                  | 150                                                  | 200                                                  | 250                                    | 300                                     |
|---------------------------------|-----------------|-----|-------------------------|----------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|----------------------------------------|-----------------------------------------|
| Kvs                             |                 |     | 4 <sup>L</sup>          | 2.5<br>1.6<br>1.25<br>1.0<br>0.63<br>0.4<br>0.25<br>0.16 | 6.3 <sup>L</sup><br>5 <sup>S/L</sup><br>4 <sup>L</sup><br>2.5 <sup>S/L</sup> | 10<br>8 <sup>S/L</sup><br>6.3 <sup>L</sup><br>5 <sup>S/L</sup> | 16<br>12.5 <sup>S</sup><br>10 <sup>L</sup><br>8 <sup>S/L</sup> | 25<br>20 <sup>S</sup><br>16 <sup>L</sup><br>12.5 <sup>S/L</sup> | 40<br>31.5 <sup>S</sup><br>25 <sup>L</sup><br>20 <sup>S/L</sup> | 63<br>50 <sup>S</sup><br>40 <sup>L</sup><br>31.5 <sup>S/L</sup> | 100<br>80 <sup>S</sup><br>63 <sup>L</sup><br>50 <sup>S/L</sup> | 160<br>125 <sup>S</sup><br>100 <sup>L</sup><br>80 <sup>S/L</sup> | 250<br>200 <sup>S</sup><br>160<br>125 <sup>S/L</sup> | 400<br>315 <sup>S</sup><br>250<br>200 <sup>S/L</sup> | 630<br>500 <sup>S</sup><br>400<br>315 <sup>S/L</sup> | 1000<br>800<br>630<br>500 <sup>L</sup> | 1250<br>1000<br>800<br>630 <sup>L</sup> |
| Gājiens                         |                 | mm  | 20                      | 20                                                       | 20                                                                           | 20                                                             | 20                                                             | 20                                                              | 30                                                              | 30                                                              | 50                                                             | 50                                                               | 60                                                   | 60                                                   | 60                                                   | 80                                     | 80                                      |
| TA-MC103/24<br>TA-MC103/230     | t <sup>1)</sup> | s   | 240<br>180<br>80*<br>40 | 240<br>180<br>80*<br>40                                  | 240<br>180<br>80*<br>40                                                      | 240<br>180<br>80*<br>40                                        | 240<br>180<br>80*<br>40                                        | 240<br>180<br>80*<br>40                                         |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 1250                    | 3500                                                     | 1250                                                                         | 1050                                                           | 600                                                            | 350                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
| TA-MC163/24<br>TA-MC163/230     | t <sup>1)</sup> | s   | 120<br>80*              | 120<br>80*                                               | 120<br>80*                                                                   | 120<br>80*                                                     | 120<br>80*                                                     | 120<br>80*                                                      | 180<br>120*                                                     | 180<br>120*                                                     |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 2400                    | 4000                                                     | 2400                                                                         | 2050                                                           | 1250                                                           | 750                                                             | 450                                                             | 300                                                             |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
| TA-MC223/24<br>TA-MC223/230     | t <sup>1)</sup> | s   | 60                      | 60                                                       | 60                                                                           | 60                                                             | 60                                                             | 60                                                              | 90                                                              | 90                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 3200                    | 4000                                                     | 3200                                                                         | 2700                                                           | 1700                                                           | 1100                                                            | 700                                                             | 450                                                             |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
| TA-MC403/24<br>TA-MC403/230     | t <sup>1)</sup> | s   | 15<br>10*               | 15<br>10*                                                | 15<br>10*                                                                    | 15<br>10*                                                      | 15<br>10*                                                      | 15<br>10*                                                       | 20<br>15*                                                       | 20<br>15*                                                       | 30<br>20*                                                      | 30<br>20*                                                        | 40<br>25*                                            | 40<br>25*                                            |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 4000                    | 4000                                                     | 4000                                                                         | 4000                                                           | 3700                                                           | 2400                                                            | 1500                                                            | 950                                                             | 650                                                            | 400                                                              | 200                                                  | 130                                                  |                                                      |                                        |                                         |
| TA-MC503/24<br>TA-MC503/230     | t <sup>1)</sup> | s   | 100<br>50*              | 100<br>50*                                               | 100<br>50*                                                                   | 100<br>50*                                                     | 100<br>50*                                                     | 100<br>50*                                                      | 150<br>75*                                                      | 150<br>75*                                                      | 250<br>125*                                                    | 250<br>125*                                                      | 300<br>150*                                          | 300<br>150*                                          |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 4000                    | 4000                                                     | 4000                                                                         | 4000                                                           | 4000                                                           | 3150                                                            | 1950                                                            | 1250                                                            | 850                                                            | 500                                                              | 290                                                  | 190                                                  |                                                      |                                        |                                         |
| TA-MC1003/24<br>TA-MC1003/230   | t               | s   |                         |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 | 30                                                              | 50                                                             | 50                                                               | 60                                                   | 60                                                   | 60                                                   | 80                                     |                                         |
|                                 | Δp <sub>s</sub> | kPa |                         |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 | 2150                                                            | 1500                                                           | 950                                                              | 500                                                  | 350                                                  | 200                                                  | 100                                    |                                         |
| TA-MC1503/24<br>TA-MC1503/24    | t               | s   |                         |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  | 120                                                  | 120                                                  | 120                                                  | 160                                    | 160                                     |
|                                 | Δp <sub>s</sub> | kPa |                         |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  | 950                                                  | 700                                                  | 370                                                  | 220                                    | 150                                     |
| <b>Bezatteices funkciju</b>     |                 |     |                         |                                                          |                                                                              |                                                                |                                                                |                                                                 |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
| TA-MC103SE/24<br>TA-MC103SE/230 | t <sup>1)</sup> | s   | 120<br>80*              | 120<br>80*                                               | 120<br>80*                                                                   | 120<br>80*                                                     | 120<br>80*                                                     | 120<br>80*                                                      |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | F-S<br>t        | s   | ~2                      | ~2                                                       | ~2                                                                           | ~2                                                             | ~2                                                             | ~2                                                              |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 1250                    | 3500                                                     | 1250                                                                         | 1050                                                           | 600                                                            | 350                                                             |                                                                 |                                                                 |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
| TA-MC253SE/24<br>TA-MC253SE/230 | t <sup>1)</sup> | s   | 50                      | 50                                                       | 50                                                                           | 50                                                             | 50                                                             | 50                                                              | 75                                                              | 75                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | F-S<br>t        | s   | ~2                      | ~2                                                       | ~2                                                                           | ~2                                                             | ~2                                                             | ~2                                                              | ~3                                                              | ~3                                                              |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |
|                                 | Δp <sub>s</sub> | kPa | 4000                    | 4000                                                     | 4000                                                                         | 3500                                                           | 2200                                                           | 1400                                                            | 850                                                             | 540                                                             |                                                                |                                                                  |                                                      |                                                      |                                                      |                                        |                                         |

| DN            |                 |     | 125                                                  | 150                                                  | 200                                                  | 250                                    | 300                                     |
|---------------|-----------------|-----|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|----------------------------------------|-----------------------------------------|
| Kvs           |                 |     | 250<br>200 <sup>S</sup><br>160<br>125 <sup>S/L</sup> | 400<br>315 <sup>S</sup><br>250<br>200 <sup>S/L</sup> | 630<br>500 <sup>S</sup><br>400<br>315 <sup>S/L</sup> | 1000<br>800<br>630<br>500 <sup>L</sup> | 1250<br>1000<br>800<br>630 <sup>L</sup> |
| Gājiens       |                 | mm  | 60                                                   | 60                                                   | 60                                                   | 90                                     | 90                                      |
| TA-MH2503/230 | t               | s   | 30                                                   | 30                                                   | 30                                                   | 50                                     | 50                                      |
|               | Δp <sub>s</sub> | kPa | 1800                                                 | 1250                                                 | 690                                                  | 440                                    | 300                                     |

100 kPa = 1 bar = 10 mWS

Δp<sub>s</sub> = Aizvēršanās spiediens. Aizvēršanās spiediens ierobežots ar nominālo spiedienu.

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

L) Pieejams ar perforētu virzuli

S) Speciāli Kvs lielumi

**CV340S, CV340E – PN 40**

| DN                            |                 |     | 15               | 20               | 25              | 32                | 40              | 50                | 65              | 80               | 100              | 125              | 150              | 200 | 250  | 300  |
|-------------------------------|-----------------|-----|------------------|------------------|-----------------|-------------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|------------------|-----|------|------|
| Kvs                           |                 |     | 4                | 6.3              | 10              | 16                | 25              | 40                | 63              | 100              | 160              | 250              | 400              | 630 | 1000 | 1250 |
|                               |                 |     | 2.5              | 5                | 8               | 12.5              | 20              | 31.5              | 50              | 80               | 125              | 200              | 315              | 500 | 800  | 1000 |
|                               |                 |     | 4 <sup>s</sup>   | 6.3 <sup>s</sup> | 10 <sup>s</sup> | 16 <sup>s</sup>   | 25 <sup>s</sup> | 40 <sup>s</sup>   | 63 <sup>s</sup> | 100 <sup>s</sup> | 160 <sup>s</sup> | 250 <sup>s</sup> | 400 <sup>s</sup> | 630 | 800  |      |
|                               |                 |     | 2.5 <sup>s</sup> | 5 <sup>s</sup>   | 8 <sup>s</sup>  | 12.5 <sup>s</sup> | 20 <sup>s</sup> | 31.5 <sup>s</sup> | 50 <sup>s</sup> | 80 <sup>s</sup>  | 125 <sup>s</sup> | 200 <sup>s</sup> | 315 <sup>s</sup> | 500 | 630  |      |
| Gājiens                       |                 | mm  | 20               | 20               | 20              | 20                | 20              | 30                | 30              | 50               | 50               | 60               | 60               | 60  | 80   | 80   |
| TA-MC103/24<br>TA-MC103/230   | t <sup>1)</sup> | s   | 240              | 240              | 240             | 240               | 240             |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     | 180              | 180              | 180             | 180               | 180             |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     | 80*              | 80*              | 80*             | 80*               | 80*             |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     | 40               | 40               | 40              | 40                | 40              |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa | 1250             | 1250             | 1050            | 600               | 350             |                   |                 |                  |                  |                  |                  |     |      |      |
| TA-MC163/24<br>TA-MC163/230   | t <sup>1)</sup> | s   | 120              | 120              | 120             | 120               | 120             | 180               | 180             |                  |                  |                  |                  |     |      |      |
|                               |                 |     | 80*              | 80*              | 80*             | 80*               | 80*             | 120*              | 120*            |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa | 2400             | 2400             | 2050            | 1250              | 750             | 450               | 300             |                  |                  |                  |                  |     |      |      |
| TA-MC223/24<br>TA-MC223/230   | t <sup>1)</sup> | s   | 60               | 60               | 60              | 60                | 60              | 90                | 90              |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa | 3200             | 3200             | 2700            | 1700              | 1100            | 700               | 450             |                  |                  |                  |                  |     |      |      |
| TA-MC403/24<br>TA-MC403/230   | t <sup>1)</sup> | s   | 15               | 15               | 15              | 15                | 15              | 20                | 20              | 30               | 30               | 40               | 40               |     |      |      |
|                               |                 |     | 10*              | 10*              | 10*             | 10*               | 10*             | 15*               | 15*             | 20*              | 20*              | 25*              | 25*              |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa | 4000             | 4000             | 4000            | 3700              | 2400            | 1500              | 950             | 650              | 400              | 200              | 130              |     |      |      |
| TA-MC503/24<br>TA-MC503/230   | t <sup>1)</sup> | s   | 100              | 100              | 100             | 100               | 100             | 150               | 150             | 250              | 250              | 300              | 300              |     |      |      |
|                               |                 |     | 50*              | 50*              | 50*             | 50*               | 50*             | 75*               | 75*             | 125*             | 125*             | 150*             | 150*             |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa | 4000             | 4000             | 4000            | 4000              | 3150            | 1950              | 1250            | 850              | 500              | 290              | 190              |     |      |      |
| TA-MC1003/24<br>TA-MC1003/230 | t               | s   |                  |                  |                 |                   |                 |                   | 30              | 50               | 50               | 60               | 60               | 60  | 80   |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa |                  |                  |                 |                   |                 |                   | 2150            | 1500             | 950              | 500              | 350              | 200 | 100  |      |
| TA-MC1503/24<br>TA-MC1503/24  | t               | s   |                  |                  |                 |                   |                 |                   |                 |                  |                  | 120              | 120              | 120 | 160  | 160  |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               |                 |     |                  |                  |                 |                   |                 |                   |                 |                  |                  |                  |                  |     |      |      |
|                               | Δp <sub>s</sub> | kPa |                  |                  |                 |                   |                 |                   |                 |                  |                  | 950              | 700              | 370 | 220  | 150  |

| DN            |                 |     | 125              | 150              | 200              | 250  | 300  |
|---------------|-----------------|-----|------------------|------------------|------------------|------|------|
| Kvs           |                 |     | 250              | 400              | 630              | 1000 | 1250 |
|               |                 |     | 200              | 315              | 500              | 800  | 1000 |
|               |                 |     | 160 <sup>s</sup> | 250 <sup>s</sup> | 400 <sup>s</sup> | 630  | 800  |
|               |                 |     | 125 <sup>s</sup> | 200 <sup>s</sup> | 315 <sup>s</sup> | 500  | 630  |
| Gājiens       |                 | mm  | 60               | 60               | 60               | 90   | 90   |
| TA-MH2503/230 | t               | s   | 30               | 30               | 30               | 50   | 50   |
|               | Δp <sub>s</sub> | kPa | 1800             | 1250             | 690              | 440  | 300  |

100 kPa = 1 bar = 10 mWS

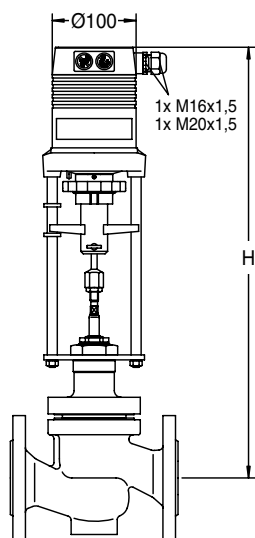
Δp<sub>s</sub> = Aizvēršanās spiediens. Aizvēršanās spiediens ierobežots ar nominālo spiedienu.

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

L) Pieejams ar perforētu virzuli

S) Speciāli Kvs lielumi

## TA-MC103



### TA-MC103/24, TA-MC103/230

#### CV2xx/3xx + TA-MC103/24

| DN    | CV2xx + TA-MC103/24<br>H | CV3xx + TA-MC103/24<br>H | Kg* |
|-------|--------------------------|--------------------------|-----|
| 15-20 | 500                      | 460                      | 2,5 |
| 25    | 500                      | 465                      | 2,5 |
| 32-40 | 515                      | 475                      | 2,5 |

#### CV2xx/3xx + TA-MC103/230

| DN    | CV2xx + TA-MC103/230<br>H | CV3xx + TA-MC103/230<br>H | Kg* |
|-------|---------------------------|---------------------------|-----|
| 15-20 | 525                       | 485                       | 2,5 |
| 25    | 525                       | 490                       | 2,5 |
| 32-40 | 540                       | 500                       | 2,5 |

\*) Aktuators

### Tehniskais apraksts

|                                   |      | TA-MC103/24 <sup>5)</sup>                               | TA-MC103/230 <sup>5)</sup> |
|-----------------------------------|------|---------------------------------------------------------|----------------------------|
| Aizvēršanās laiks <sup>1)</sup>   | s/mm | 12 · 9 · 4* · 1,9                                       |                            |
| Aizvēršanas spēks                 | kN   | 1,0                                                     |                            |
| Gājiens                           | mm   | max. 20                                                 |                            |
| Barošanas spriegums               | VAC  | 24 ±10%                                                 | 230 +6% -10%               |
| Barošanas spriegums <sup>2)</sup> | VDC  | 24 ±10%                                                 | -                          |
| Frekvence                         | Hz   | 50/60 ±5%                                               |                            |
| Enerģijas patēriņš                | VA   | 6                                                       | 12                         |
| Ienākošais signāls <sup>3)</sup>  |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |                            |
| Izejošais signāls <sup>3)</sup>   |      | max. 8 mA                                               | 0-10 VDC<br>min. 1200 Ω    |
| Histerēze <sup>4)</sup>           | V    | 0,15 · 0,5                                              |                            |

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

2) Līdzstrāva ratificē maiņstrāvu

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

5) Aktuators piemērots siltumnesējam ar temperatūru līdz 150 °C

**Drošības klase:**

IP54

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,095 mm

**Apkārtējās vides temperatūra:**

0 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC

- Pozīcijaslēdzis <sup>1)</sup>:

2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.

Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.

Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.

- Drošības klase: IP 65

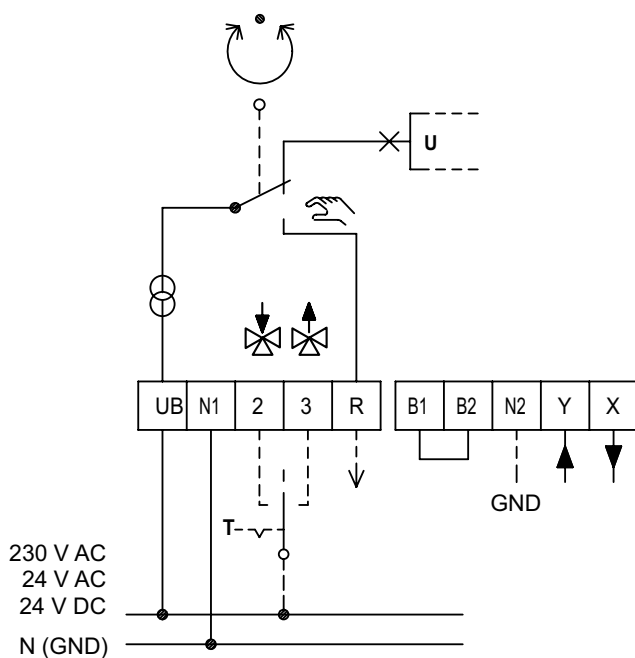
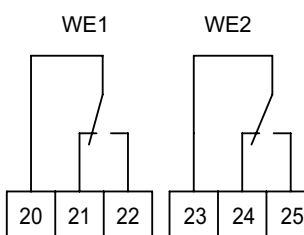
- Izejošais signāls <sup>1)</sup>: X=0(4)...20 mA

1) Pozīcijaslēdzis un izejošais signāls 0(4)...20 mA nav kopā.

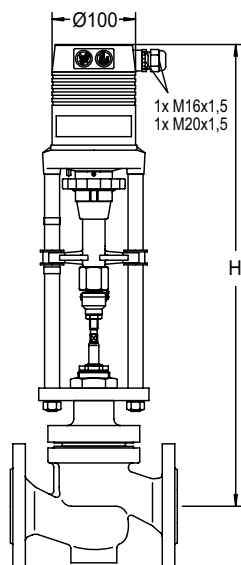
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC163



### TA-MC163/24, TA-MC163/230

#### CV2xx/3xx + TA-MC163/24

| DN    | CV2xx + TA-MC163/24<br>H | CV3xx + TA-MC163/24<br>H | Kg* |
|-------|--------------------------|--------------------------|-----|
| 15-20 | 552                      | 512                      | 4,0 |
| 25    | 552                      | 517                      | 4,0 |
| 32-40 | 567                      | 527                      | 4,0 |
| 50    | 577                      | 537                      | 4,0 |
| 65    | 587                      | 552                      | 4,0 |

#### CV2xx/3xx + TA-MC163/230

| DN    | CV2xx + TA-MC163/230<br>H | CV3xx + TA-MC163/230<br>H | Kg* |
|-------|---------------------------|---------------------------|-----|
| 15-20 | 577                       | 537                       | 4,0 |
| 25    | 577                       | 542                       | 4,0 |
| 32-40 | 592                       | 552                       | 4,0 |
| 50    | 602                       | 562                       | 4,0 |
| 65    | 612                       | 577                       | 4,0 |

\*) Aktuators

### Tehniskais apraksts

| Tips                              |      | TA-MC163/24                                             | TA-MC163/230 |
|-----------------------------------|------|---------------------------------------------------------|--------------|
| Aizvēršanās laiks <sup>1)</sup>   | s/mm | 6 · 4*                                                  |              |
| Aizvēršanas spēks                 | kN   | 1,6                                                     |              |
| Gājiens                           | mm   | max. 30                                                 |              |
| Barošanas spriegums               | VAC  | 24 ±10%                                                 | 230 +6% -10% |
| Barošanas spriegums <sup>2)</sup> | VDC  | 24 ±10%                                                 | -            |
| Frekvence                         | Hz   | 50/60 ±5%                                               |              |
| Enerģijas patēriņš                | VA   | 6                                                       | 12           |
| Ienākošais signāls <sup>3)</sup>  |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |              |
| Izejošais signāls <sup>3)</sup>   |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                  |              |
| Histerēze <sup>4)</sup>           | V    | 0,05 · 0,15 · 0,3 · 0,5                                 |              |

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

2) Līdzstrāva ratificē maiņstrāvu

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,05 mm

**Apkārtējās vides temperatūra:**

0 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC

- Pozīcijaslēdzis <sup>1)</sup>:

2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.

Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.

Ieslēgšanas spriegums: maks. 400 VAC, maks. 125 VDC.

- Drošības klase: IP 65

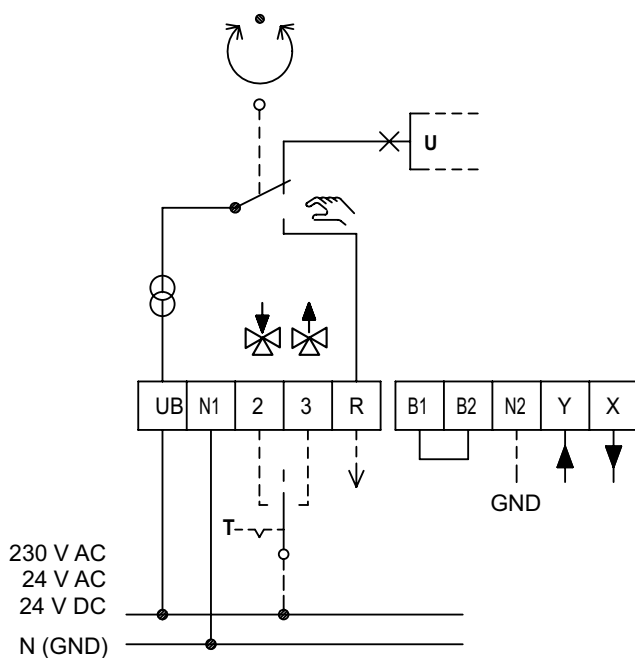
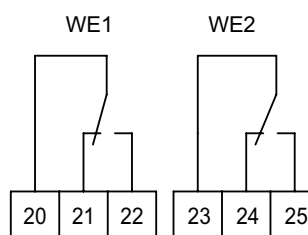
- Izejošais signāls <sup>1)</sup>: X=0(4)...20 mA

1) Pozīcijaslēdzis un izejošais signāls 0(4)...20 mA nav kopā.

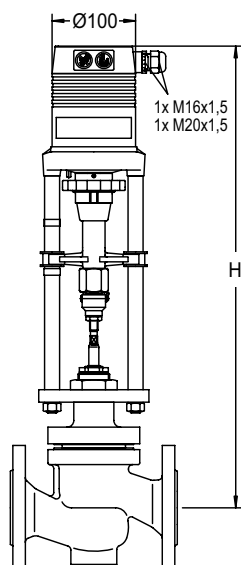
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC223



### TA-MC223/24, TA-MC223/230

#### CV2xx/3xx + TA-MC223/24

| DN    | CV2xx + TA-MC223/24<br>H | CV3xx + TA-MC223/24<br>H | Kg* |
|-------|--------------------------|--------------------------|-----|
| 15    | 552                      | 512                      | 4,0 |
| 20    | 537                      | 512                      | 4,0 |
| 25    | 537                      | 517                      | 4,0 |
| 32-40 | 567                      | 527                      | 4,0 |
| 50    | 577                      | 537                      | 4,0 |
| 65    | 587                      | 552                      | 4,0 |

#### CV2xx/3xx + TA-MC223/230

| DN    | CV2xx + TA-MC223/230<br>H | CV3xx + TA-MC223/230<br>H | Kg* |
|-------|---------------------------|---------------------------|-----|
| 15-20 | 577                       | 537                       | 4,0 |
| 25    | 577                       | 542                       | 4,0 |
| 32-40 | 592                       | 552                       | 4,0 |
| 50    | 602                       | 562                       | 4,0 |
| 65    | 612                       | 577                       | 4,0 |

\*) Aktuators

### Tehniskais apraksts

| Tips                              |      | TA-MC223/24             | TA-MC223/230        |
|-----------------------------------|------|-------------------------|---------------------|
| Aizvēšanās laiks                  | s/mm | 3                       |                     |
| Aizvēšanas spēks                  | kN   | 2,2                     |                     |
| Gājiens                           | mm   | max. 30                 |                     |
| Barošanas spriegums               | VAC  | 24 ±10%                 | 230 +6% -10%        |
| Barošanas spriegums <sup>2)</sup> | VDC  | 24 ±10%                 | -                   |
| Frekvence                         | Hz   | 50/60 ±5%               |                     |
| Enerģijas patēriņš                | VA   | max. 6                  | max. 12             |
| Ienākošais signāls <sup>3)</sup>  |      | 3-punktu                |                     |
|                                   |      | 0(2)-10 VDC, 77 kΩ      | 0(4)-20 mA, 0,51 kΩ |
| Izejošais signāls <sup>3)</sup>   |      | 0-10 VDC                |                     |
|                                   |      | max. 8 mA               | min. 1200 Ω         |
| Histerēze <sup>4)</sup>           | V    | 0,05 · 0,15 · 0,3 · 0,5 |                     |

2) Līdzstrāva ratificē maiņstrāvu

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,05 mm

**Apkārtējās vides temperatūra:**

-10 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC

- Pozīcijaslēdzis <sup>1)</sup>:

2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.

Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.

Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.

- Drošības klase: IP 65

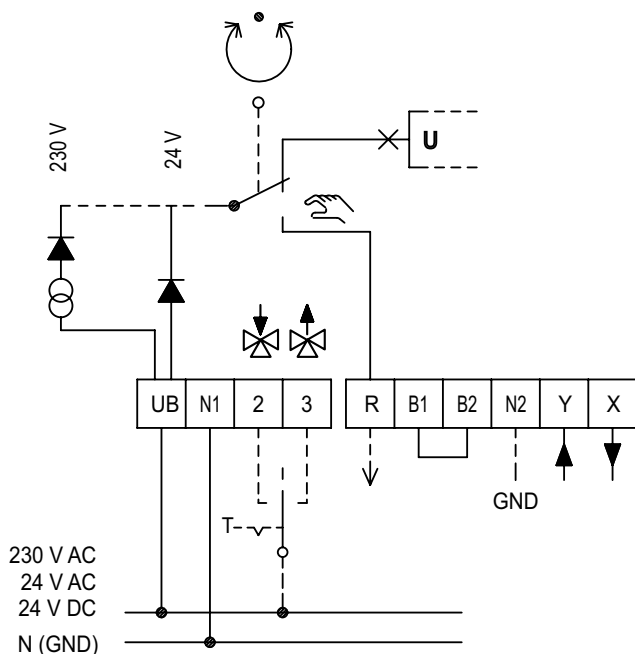
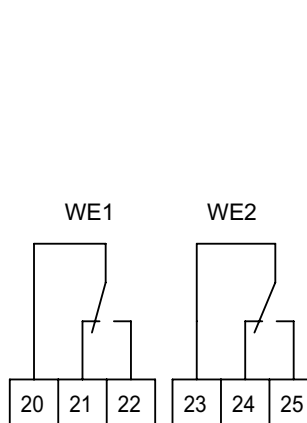
- Izejošais signāls <sup>1)</sup>: X=0(4)...20 mA

1) Pozīcijaslēdzis un izejošais signāls 0(4)...20 mA nav kopā.

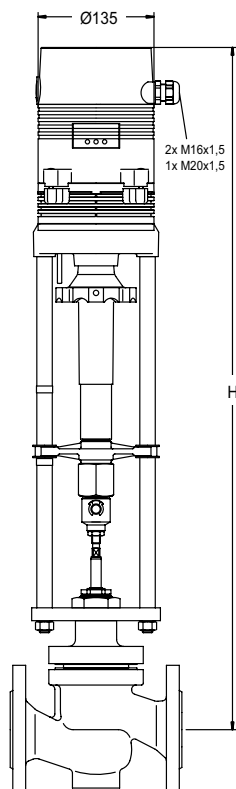
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC403



### TA-MC403/24, TA-MC403/230

#### CV2xx/3xx + TA-MC403

| DN    | CV2xx + TA-MC403<br>H | CV3xx + TA-MC403<br>H | Kg* |
|-------|-----------------------|-----------------------|-----|
| 15-20 | 775                   | 735                   | 9,5 |
| 25    | 775                   | 740                   | 9,5 |
| 32-40 | 790                   | 750                   | 9,5 |
| 50    | 800                   | 760                   | 9,5 |
| 65    | 810                   | 775                   | 9,5 |
| 80    | 905                   | 885                   | 9,5 |
| 100   | 950                   | 915                   | 9,5 |
| 125   | 975                   | 920                   | 9,5 |
| 150   | 1000                  | 940                   | 9,5 |

\*) Aktuators

#### Tehniskais apraksts

| Tips                             |      | TA-MC403/24                                             | TA-MC403/230 |
|----------------------------------|------|---------------------------------------------------------|--------------|
| Aizvēšanās laiks <sup>1)</sup>   | s/mm | 0,6 · 0,4*                                              |              |
| Aizvēšanas spēks                 | kN   | 4,0                                                     |              |
| Gājiens                          | mm   | max. 60                                                 |              |
| Barošanas spriegums              | VAC  | 24 ±10%                                                 | 230 +6% -10% |
| Frekvence                        | Hz   | 50/60 ±5%                                               |              |
| Enerģijas patēriņš               | VA   | max. 50                                                 | max. 63      |
| Ienākošais signāls <sup>3)</sup> |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |              |
| Izejošais signāls <sup>3)</sup>  |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                  |              |
| Histerēze <sup>4)</sup>          | V    | 0,05 · 0,15 · 0,3 · 0,5                                 |              |

1) Aizvēšanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,12 mm

**Apkārtējās vides temperatūra:**

-10 - +60°C

**Darbības režīms:**

S3 - 30% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC

- Pozīcijaslēdzis:

2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.

Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.

Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.

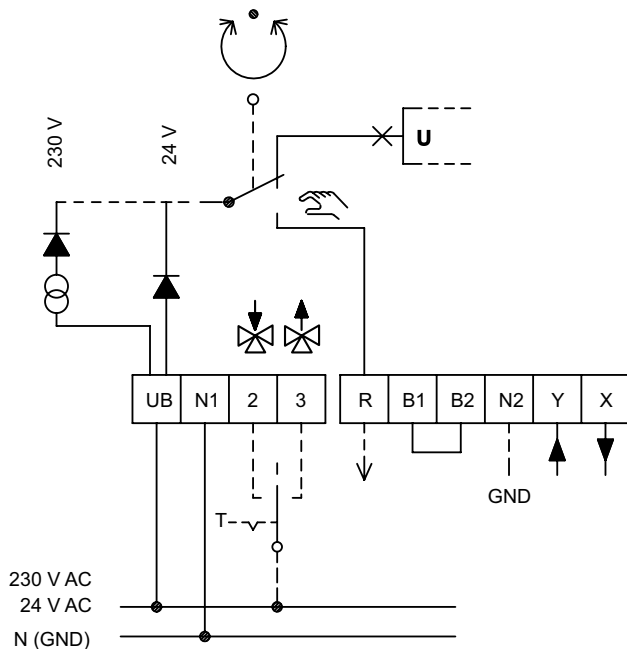
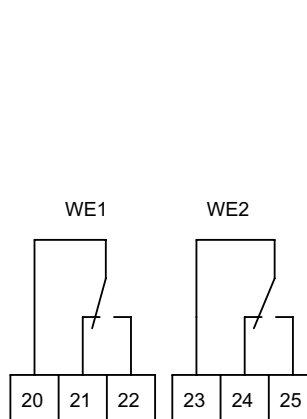
- Drošības klase: IP 65

- Izejošais signāls: X=0(4)...20 mA

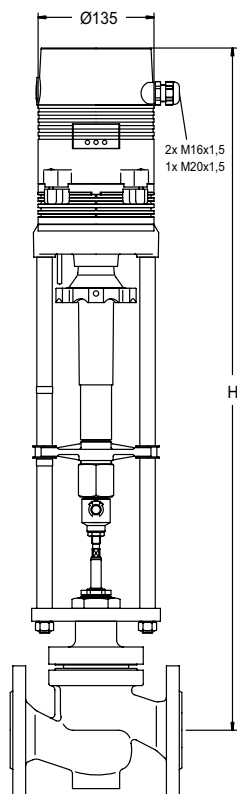
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC503



### TA-MC503/24, TA-MC503/230

#### CV2xx/3xx + TA-MC503

| DN    | CV2xx + TA-MC503<br>H | CV3xx + TA-MC503<br>H | TA-MC503/24<br>Kg* | TA-MC503/230<br>Kg* |
|-------|-----------------------|-----------------------|--------------------|---------------------|
| 15-20 | 725                   | 685                   | 7,4                | 8,6                 |
| 25    | 725                   | 690                   | 7,4                | 8,6                 |
| 32-40 | 740                   | 700                   | 7,4                | 8,6                 |
| 50    | 750                   | 710                   | 7,4                | 8,6                 |
| 65    | 760                   | 725                   | 7,4                | 8,6                 |
| 80    | 860                   | 840                   | 7,4                | 8,6                 |
| 100   | 905                   | 870                   | 7,4                | 8,6                 |
| 125   | 930                   | 875                   | 7,4                | 8,6                 |
| 150   | 955                   | 895                   | 7,4                | 8,6                 |

\*) Aktuators

#### Tehniskais apraksts

| Tips                              |      | TA-MC503/24                                             | TA-MC503/230 |
|-----------------------------------|------|---------------------------------------------------------|--------------|
| Aizvēšanās laiks <sup>1)</sup>    | s/mm | 5 · 2,5*                                                |              |
| Aizvēšanas spēks                  | kN   | 5,0                                                     |              |
| Gājiens                           | mm   | max. 60                                                 |              |
| Barošanas spriegums               | VAC  | 24 ±10%                                                 | 230 +6% -10% |
| Barošanas spriegums <sup>2)</sup> | VDC  | 24 ±10%                                                 | -            |
| Frekvence                         | Hz   | 50/60 ±5%                                               |              |
| Enerģijas patēriņš                | VA   | max. 18                                                 | max. 25      |
| Ienākošais signāls <sup>2)</sup>  |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |              |
| Izejošais signāls <sup>2)</sup>   |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                  |              |
| Histerēze <sup>3)</sup>           | V    | 0,05 · 0,15 · 0,3 · 0,5                                 |              |

1) Aizvēšanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

2) Līdzstrāva ratificē maiņstrāvu

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,04 mm

**Apkārtējās vides temperatūra:**

-10 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

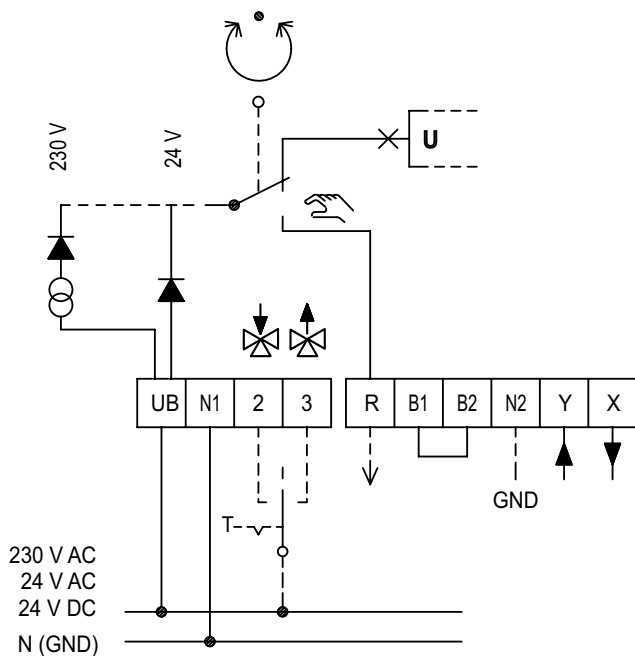
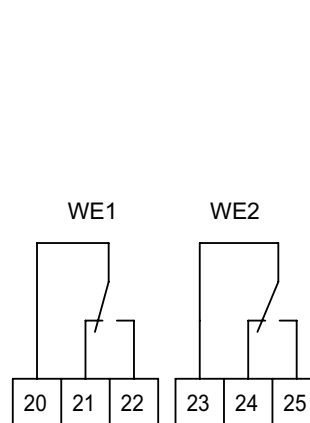
**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC
- Pozīcijaslēdzis:
  - 2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.
  - Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.
  - Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.
- Drošības klase: IP 65
- Izejošais signāls: X=0(4)...20 mA

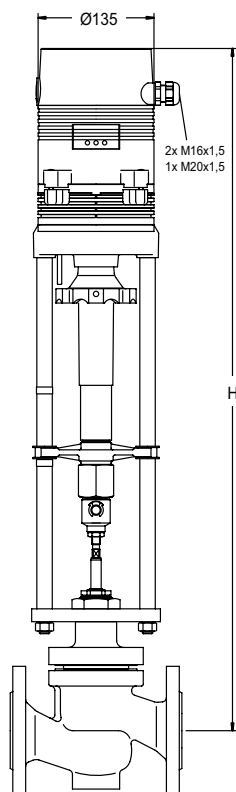
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC1003, TA-MC1503



### TA-MC1003/24, TA-MC1003/230, TA-MC1503/24, TA-MC1503/230

#### CV2xx/3xx + TA-MC1003

| DN  | CV2xx + TA-MC1003<br>H | CV3xx + TA-MC1003<br>H | TA-MC1003/24<br>Kg* | TA-MC1003/230<br>Kg* |
|-----|------------------------|------------------------|---------------------|----------------------|
| 65  | 935                    | 900                    | 11,0                | 11,5                 |
| 80  | 950                    | 930                    | 11,0                | 11,5                 |
| 100 | 995                    | 960                    | 11,0                | 11,5                 |
| 125 | 1020                   | 965                    | 11,0                | 11,5                 |
| 150 | 1045                   | 985                    | 11,0                | 11,5                 |
| 200 | 1150                   | 1100                   | 11,0                | 11,5                 |
| 250 | 1210                   | 1155                   | 11,0                | 11,5                 |

#### CV2xx/3xx + TA-MC1503

| DN  | CV2xx + TA-MC1503<br>H | CV3xx + TA-MC1503<br>H | TA-MC1503/24<br>Kg* | TA-MC1503/230<br>Kg* |
|-----|------------------------|------------------------|---------------------|----------------------|
| 125 | 1020                   | 965                    | 11,0                | 11,5                 |
| 150 | 1045                   | 985                    | 11,0                | 11,5                 |
| 200 | 1150                   | 1100                   | 11,0                | 11,5                 |
| 250 | 1210                   | 1155                   | 11,0                | 11,5                 |
| 300 | 1270                   | 1210                   | 11,0                | 11,5                 |

\*) Aktuators

### Tehniskais apraksts

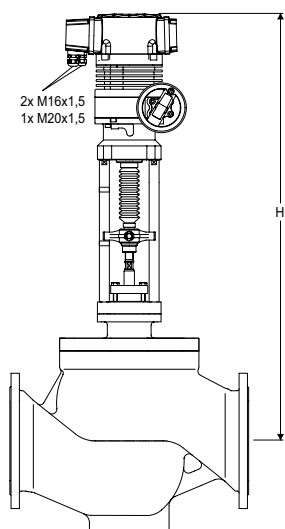
|                                  |      | TA-MC1003/24                                                            | TA-MC1503/24 | TA-MC1003/230 | TA-MC1503/230 |
|----------------------------------|------|-------------------------------------------------------------------------|--------------|---------------|---------------|
| Aizvēršanās laiks                | s/mm | 1                                                                       | 2            | 1             | 2             |
| Aizvēršanas spēks                | kN   | 10                                                                      | 15           | 10            | 15            |
| Gājiens                          | mm   | max. 80                                                                 |              |               |               |
| Barošanas spriegums              | VAC  | 24 ±10%                                                                 |              | 230 +6% -10%  |               |
| Frekvence                        | Hz   | 50/60 ±5%                                                               |              | 50/60 ±5%     |               |
| Enerģijas patēriņš               | VA   | max. 50                                                                 |              | max. 63       |               |
| Ienākošais signāls <sup>3)</sup> |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ                      0(4)-20 mA, 0,51 kΩ |              |               |               |
| Izejošais signāls <sup>3)</sup>  |      | 0-10 VDC<br>max. 8 mA                                      min. 1200 Ω  |              |               |               |
| Histerēze <sup>4)</sup>          | V    | 0,05 · 0,15 · 0,3 · 0,5                                                 |              |               |               |

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams



## TA-MH2503



### TA-MH2503/230

#### CV2xx/3xx + TA-MH2503

| DN  | CV2xx + TA-MH2503<br>H | CV3xx + TA-MH2503<br>H | Kg* |
|-----|------------------------|------------------------|-----|
| 125 | 924                    | 924                    | 24  |
| 150 | 949                    | 944                    | 24  |
| 200 | 1064                   | 1119                   | 24  |
| 250 | 1269                   | 1204                   | 24  |
| 300 | 1329                   | 1249                   | 24  |

\*) Aktuators

#### Tehniskais apraksts

| Tips                             |      | TA-MH2503/230                                                        |  |
|----------------------------------|------|----------------------------------------------------------------------|--|
| Aizvēršanās laiks                | s/mm | 0,5                                                                  |  |
| Aizvēršanas spēks                | kN   | 25                                                                   |  |
| Gājiens                          | mm   | max. 100                                                             |  |
| Barošanas spriegums              | VAC  | 230 +6/-10%                                                          |  |
| Frekvence                        | Hz   | 50/60 ±5%                                                            |  |
| Enerģijas patēriņš               | VA   | max. 500<br>Jauda 250 VA<br>Jaudas patēriņš gaidstāves režīmā <10 VA |  |
| Ienākošais signāls <sup>3)</sup> |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ              |  |
| Izejošais signāls <sup>3)</sup>  |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                               |  |
| Histerēze <sup>4)</sup>          | V    | 0,05 · 0,15 · 0,3 · 0,5                                              |  |

Aktuatori ar lielāku aizvēršanas spēku – pēc pieprasījuma. Lūdzu sazināties ar IMI.

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP65

**Rezolūcija:**

Elektriskā: 10 mV

Mehāniskā: 0,15 mm

**Apkārtējās vides temperatūra:**

-10 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200, EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

- Pozīcijaslēdzis:

2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.

Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.

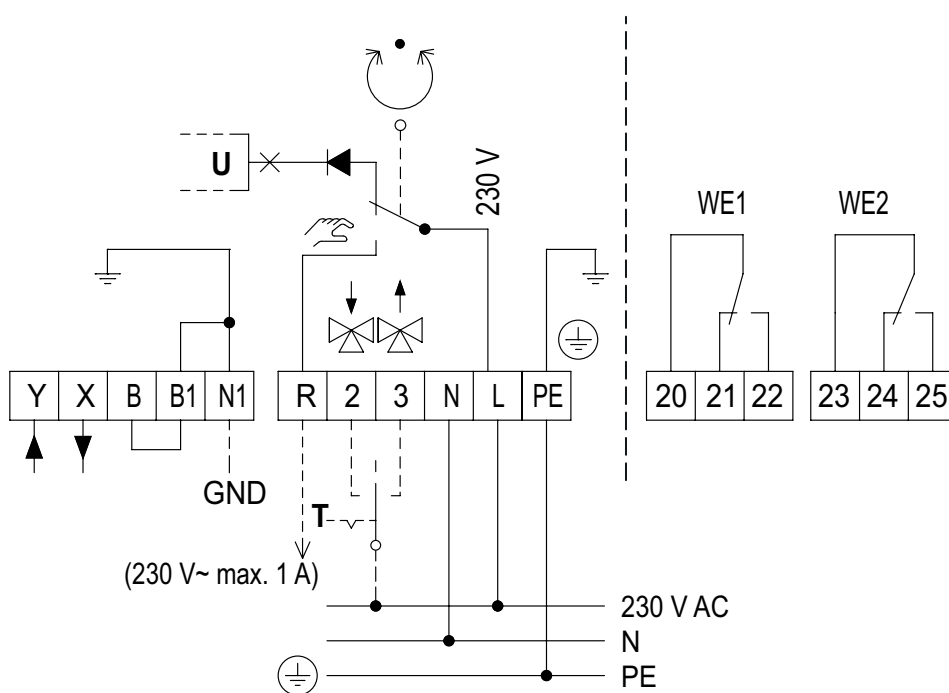
Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.

- Izejošais signāls: X=0(4)...20 mA

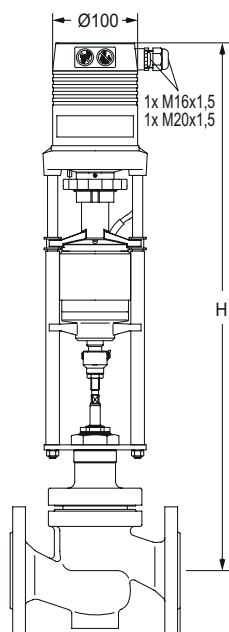
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC103SE



### TA-MC103SE/24, TA-MC103SE/230

Tikai 2-gaitas vārstiem

#### CV2xx + TA-MC103SE/24

| DN    | CV2xx + TA-MC103SE/24<br>H | CV2xx + TA-MC103SE/230<br>H | Kg* |
|-------|----------------------------|-----------------------------|-----|
| 15-25 | 603                        | 628                         | 5,0 |
| 32-40 | 618                        | 643                         | 5,0 |

\*) Aktuators

#### Tehniskais apraksts

| Tips                             |      | TA-MC103SE/24                                           | TA-MC103SE/230 |
|----------------------------------|------|---------------------------------------------------------|----------------|
| Aizvēršanās laiks <sup>1)</sup>  | s/mm | 6 · 4*                                                  |                |
| Bezatteices laiks                | s/mm | ~0,1                                                    |                |
| Aizvēršanas spēks                | kN   | 1,0                                                     |                |
| Gājiens                          | mm   | max. 20                                                 |                |
| Barošanas spriegums              | VAC  | 24 ±10%                                                 | 230 +6% -10%   |
| Frekvence                        | Hz   | 50/60 ±5%                                               |                |
| Enerģijas patēriņš               | VA   | max. 25                                                 | max. 20        |
| Ienākošais signāls <sup>3)</sup> |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |                |
| Izejošais signāls <sup>3)</sup>  |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                  |                |
| Histerēze <sup>4)</sup>          | V    | 0,05 · 0,15 · 0,3 · 0,5                                 |                |

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Bezatteices funkcija:**

Vārpsta pagarinās pēc strāvas pārtraukuma

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,04 mm

**Apkārtējās vides temperatūra:**

0 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200: EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

**Aktuatora varianti:**

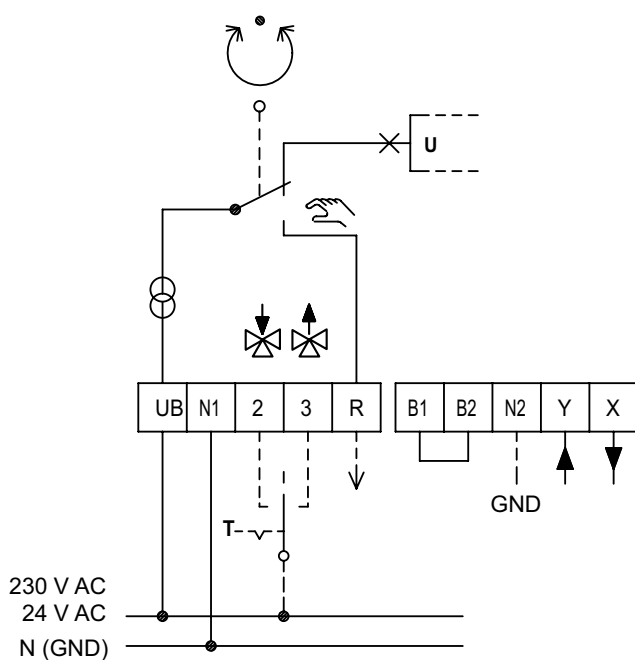
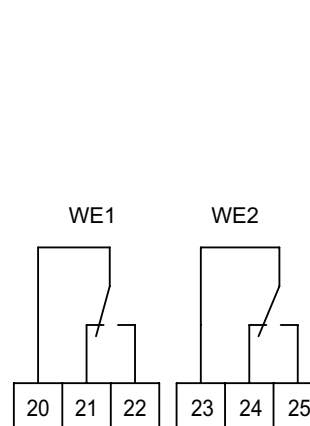
- Barošanas spriegums: 115 VAC
- Pozīcijaslēdzis <sup>1)</sup>:
  - 2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.
  - Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.
  - Ieslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.
- Izejošais signāls <sup>1)</sup>: X=0(4)...20 mA

1) Pozīcijaslēdzis un izejošais signāls 0(4)...20 mA nav kopā.

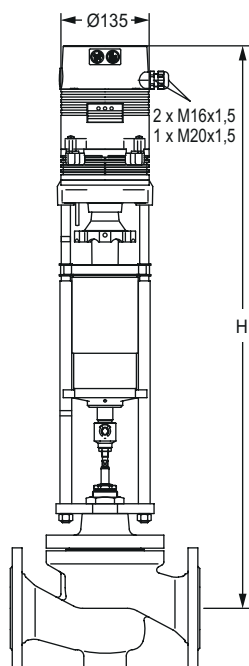
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

## TA-MC253SE



### TA-MC253SE/24, TA-MC253SE/230

Tikai 2-gaitas vārstiem

#### CV2xx + TA-MC103SE/24

| DN    | CV2xx + TA-MC253SE/24/230<br>H | Kg* |
|-------|--------------------------------|-----|
| 15-25 | 854                            | 13  |
| 32-40 | 869                            | 13  |
| 50    | 895                            | 13  |
| 65    | 905                            | 13  |

\*) Aktuators

#### Tehniskais apraksts

| Tips                             |      | TA-MC253SE/24                                           | TA-MC253SE/230 |
|----------------------------------|------|---------------------------------------------------------|----------------|
| Aizvēršanās laiks <sup>1)</sup>  | s/mm | 5 · 2,5*                                                |                |
| Bezatteices laiks                | s/mm | ~0,1                                                    |                |
| Aizvēršanas spēks                | kN   | 2,5                                                     |                |
| Gājiens                          | mm   | max. 40                                                 |                |
| Barošanas spriegums              | VAC  | 24 ±10%                                                 | 230 +6% -10%   |
| Frekvence                        | Hz   | 50/60 ±5%                                               |                |
| Enerģijas patēriņš               | VA   | max. 50                                                 | max. 80        |
| Ienākošais signāls <sup>3)</sup> |      | 3-punktu<br>0(2)-10 VDC, 77 kΩ      0(4)-20 mA, 0,51 kΩ |                |
| Izejošais signāls <sup>3)</sup>  |      | 0-10 VDC<br>max. 8 mA      min. 1200 Ω                  |                |
| Histerēze <sup>4)</sup>          | V    | 0,05 · 0,15 · 0,3 · 0,5                                 |                |

1) Aizvēršanās laiks brīvi pielāgojams, priekšiestatījums marķēts ar \*

3) Apvēršams ienākošais un izejošais signāls

4) Brīvi pielāgojams

**Drošības klase:**

IP54

**Bezatteices funkcija:**

Vārpsta pagarinās pēc strāvas pārtraukuma

**Rezolūcija:**

Elektriskā: 0,04 VDC

Mehāniskā: 0,04 mm

**Apkārtējās vides temperatūra:**

0 - +60°C

**Darbības režīms:**

S3 - 50% ED c/h 1200: EN 60034-1

**Gala slēdzis:**

Slodzes atkarīgs

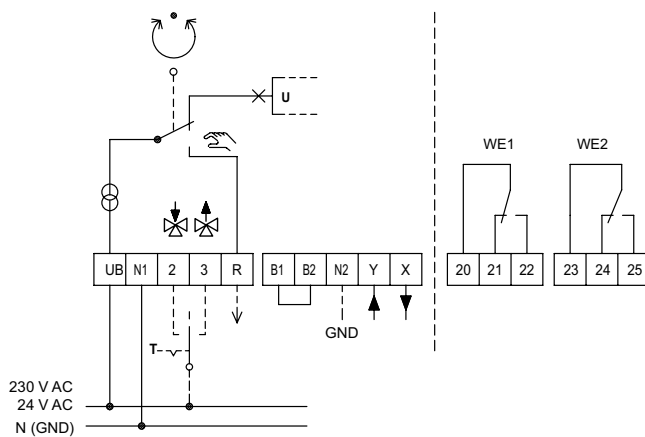
**Aktuatora varianti:**

- Barošanas spriegums: 115 VAC
- Pozīcijaslēdzis:
  - 2 slēdži (WE1/WE2), potenciāli brīvi, neierobežoti regulējami.
  - Nominālā slodze: 8 A / 250 VAC, 8 A / 30 VDC.
  - eslēgšanās spriegums: maks. 400 VAC, maks. 125 VDC.
- Izejošais signāls: X=0(4)...20 mA

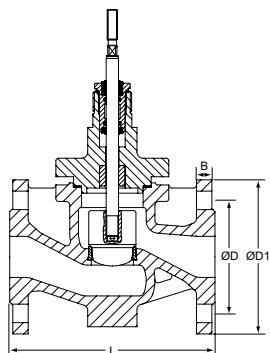
Skatīt "Aktuatori" un "Piederumi aktuatoriem".

**Elektropieslēguma shēma:**

B1/B2 Binārā signāla savienojums (piem., pretaizsalšanas aizsardzība)

**Standarta projekts****Speciālais aprīkojums**

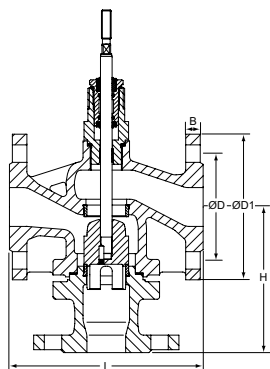
## CV216 – 2-gaitas



### PN 16

| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|------|-----|--------------|
| 125 | 210 | 250 | 8 x Ø18     | 400 | 24 | 125  | 61  | 60 236-191   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 24 | 160  | 61  | 60 236-291   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 24 | 200  | 61  | 60 236-391   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 24 | 250  | 61  | 60 236-491   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 200  | 93  | 60 236-192   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 250  | 93  | 60 236-292   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 315  | 93  | 60 236-392   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 400  | 93  | 60 236-492   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 315  | 230 | 60 236-193   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 400  | 230 | 60 236-293   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 500  | 230 | 60 236-393   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 630  | 230 | 60 236-493   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 32 | 500  | 290 | 60 236-294   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 32 | 630  | 290 | 60 236-394   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 32 | 800  | 290 | 60 236-494   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 32 | 1000 | 290 | 60 236-994   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 32 | 630  | 380 | 60 236-195   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 32 | 800  | 380 | 60 236-295   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 32 | 1000 | 380 | 60 236-395   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 32 | 1250 | 380 | 60 236-495   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 32 | 1600 | 380 | 60 236-595   |

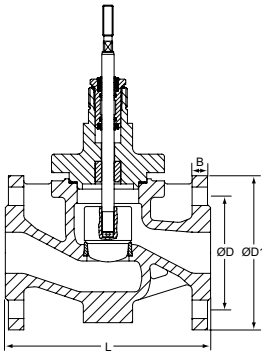
## CV316 – 3-gaitas



### PN 16

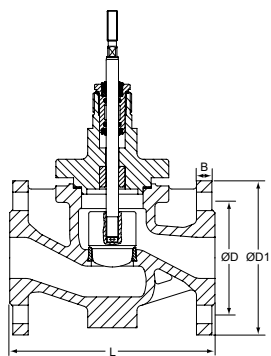
| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|------|-----|--------------|
| 125 | 210 | 250 | 8 x Ø18     | 400 | 260 | 24 | 125  | 61  | 60 336-191   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 260 | 24 | 160  | 61  | 60 336-291   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 260 | 24 | 200  | 61  | 60 336-391   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 260 | 24 | 250  | 61  | 60 336-491   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 280 | 24 | 200  | 93  | 60 336-192   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 280 | 24 | 250  | 93  | 60 336-292   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 280 | 24 | 315  | 93  | 60 336-392   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 280 | 24 | 400  | 93  | 60 336-492   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 315  | 230 | 60 336-193   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 400  | 230 | 60 336-293   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 500  | 230 | 60 336-393   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 630  | 230 | 60 336-493   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 450 | 32 | 500  | 290 | 60 336-294   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 450 | 32 | 630  | 290 | 60 336-394   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 450 | 32 | 800  | 290 | 60 336-494   |
| 250 | 355 | 405 | 12 x Ø26    | 730 | 450 | 32 | 1000 | 290 | 60 336-994   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 550 | 32 | 630  | 380 | 60 336-195   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 550 | 32 | 800  | 380 | 60 336-295   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 550 | 32 | 1000 | 380 | 60 336-395   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 550 | 32 | 1250 | 380 | 60 336-495   |
| 300 | 410 | 460 | 12 x Ø26    | 850 | 550 | 32 | 1600 | 380 | 60 336-595   |

## CV225 – 2-gaitas



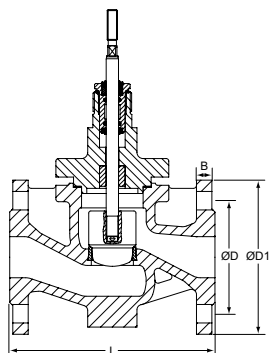
### PN 16-40

| DN | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg | Artikula Nr. |
|----|-----|-----|-------------|-----|----|------|----|--------------|
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,16 | 4  | 60 246-115   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,25 | 4  | 60 246-215   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,4  | 4  | 60 246-315   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,63 | 4  | 60 246-415   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 1    | 4  | 60 246-515   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,25 | 4  | 60 246-615   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,6  | 4  | 60 246-715   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 2,5  | 4  | 60 246-815   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 16 | 4    | 4  | 60 246-915   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 16 | 2,5  | 6  | 60 246-120   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 16 | 4    | 6  | 60 246-220   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 16 | 5    | 6  | 60 246-320   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 16 | 6,3  | 6  | 60 246-420   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 18 | 5    | 7  | 60 246-125   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 18 | 6,3  | 7  | 60 246-225   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 18 | 8    | 7  | 60 246-325   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 18 | 10   | 7  | 60 246-425   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 18 | 8    | 8  | 60 246-132   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 18 | 10   | 8  | 60 246-232   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 18 | 12,5 | 8  | 60 246-332   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 18 | 16   | 8  | 60 246-432   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 18 | 12,5 | 11 | 60 246-140   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 18 | 16   | 11 | 60 246-240   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 18 | 20   | 11 | 60 246-340   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 18 | 25   | 11 | 60 246-440   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 20 | 20   | 13 | 60 246-150   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 20 | 25   | 13 | 60 246-250   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 20 | 31,5 | 13 | 60 246-350   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 20 | 40   | 13 | 60 246-450   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 20 | 50   | 30 | 60 246-180   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 20 | 63   | 30 | 60 246-280   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 20 | 80   | 30 | 60 246-380   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 20 | 100  | 30 | 60 246-480   |



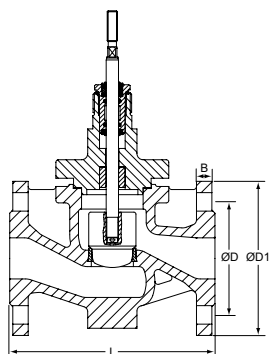
### PN 16

| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|------|-----|--------------|
| 65  | 145 | 185 | 4 x Ø18     | 290 | 20 | 31,5 | 17  | 60 246-565   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 20 | 40   | 17  | 60 246-665   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 20 | 50   | 17  | 60 246-765   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 20 | 63   | 17  | 60 246-865   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 22 | 80   | 42  | 60 246-590   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 22 | 100  | 42  | 60 246-690   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 22 | 125  | 42  | 60 246-790   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 22 | 160  | 42  | 60 246-890   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 24 | 250  | 61  | 60 246-891   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 315  | 93  | 60 246-792   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 24 | 400  | 93  | 60 246-892   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 315  | 230 | 60 246-193   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 400  | 230 | 60 246-293   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 500  | 230 | 60 246-393   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 30 | 630  | 230 | 60 246-493   |



### PN 25-40

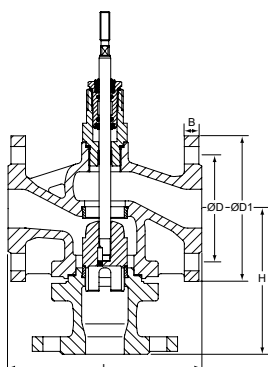
| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|------|----|--------------|
| 65  | 145 | 185 | 8 x Ø18     | 290 | 20 | 31,5 | 17 | 60 246-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 20 | 40   | 17 | 60 246-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 20 | 50   | 17 | 60 246-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 20 | 63   | 17 | 60 246-465   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 22 | 80   | 42 | 60 246-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 22 | 100  | 42 | 60 246-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 22 | 125  | 42 | 60 246-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 22 | 160  | 42 | 60 246-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 24 | 125  | 61 | 60 246-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 24 | 160  | 61 | 60 246-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 24 | 200  | 61 | 60 246-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 24 | 250  | 61 | 60 246-491   |



### PN 25

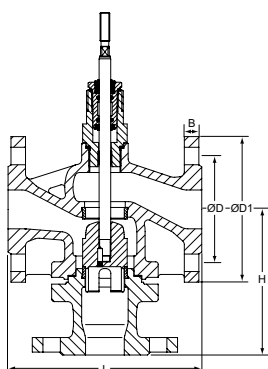
| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs | Kg | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|-----|----|--------------|
| 150 | 250 | 300 | 8 x Ø26     | 480 | 24 | 200 | 93 | 60 246-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 24 | 250 | 93 | 60 246-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 24 | 315 | 93 | 60 246-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 24 | 400 | 93 | 60 246-492   |

## CV325 – 3-gaitas



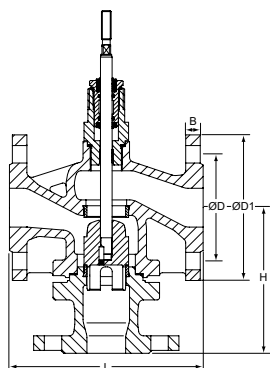
### PN 16-40

| DN | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg | Artikula Nr. |
|----|-----|-----|-------------|-----|-----|----|------|----|--------------|
| 15 | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 2,5  | 5  | 60 346-115   |
| 15 | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 4    | 5  | 60 346-215   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 130 | 16 | 2,5  | 6  | 60 346-120   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 130 | 16 | 4    | 6  | 60 346-220   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 130 | 16 | 5    | 6  | 60 346-320   |
| 20 | 75  | 105 | 4 x Ø14     | 150 | 130 | 16 | 6,3  | 6  | 60 346-420   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 5    | 8  | 60 346-125   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 6,3  | 8  | 60 346-225   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 8    | 8  | 60 346-325   |
| 25 | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 10   | 8  | 60 346-425   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 8    | 10 | 60 346-132   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 10   | 10 | 60 346-232   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 12,5 | 10 | 60 346-332   |
| 32 | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 16   | 10 | 60 346-432   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 12,5 | 12 | 60 346-140   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 16   | 12 | 60 346-240   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 20   | 12 | 60 346-340   |
| 40 | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 25   | 12 | 60 346-440   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 20   | 16 | 60 346-150   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 25   | 16 | 60 346-250   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 31,5 | 16 | 60 346-350   |
| 50 | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 40   | 16 | 60 346-450   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 215 | 20 | 50   | 30 | 60 346-180   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 215 | 20 | 63   | 30 | 60 346-280   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 215 | 20 | 80   | 30 | 60 346-380   |
| 80 | 160 | 200 | 8 x Ø18     | 310 | 215 | 20 | 100  | 30 | 60 346-480   |



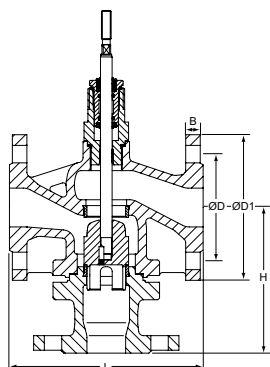
### PN 16

| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|------|-----|--------------|
| 65  | 145 | 185 | 4 x Ø18     | 290 | 170 | 20 | 31,5 | 20  | 60 346-565   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 170 | 20 | 40   | 17  | 60 346-665   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 170 | 20 | 50   | 17  | 60 346-765   |
| 65  | 145 | 185 | 4 x Ø18     | 290 | 170 | 20 | 63   | 17  | 60 346-865   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 215 | 22 | 80   | 42  | 60 346-590   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 215 | 22 | 100  | 42  | 60 346-690   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 215 | 22 | 125  | 42  | 60 346-790   |
| 100 | 180 | 220 | 8 x Ø18     | 350 | 215 | 22 | 160  | 42  | 60 346-890   |
| 125 | 210 | 250 | 8 x Ø18     | 400 | 260 | 24 | 200  | 61  | 60 346-791   |
| 150 | 240 | 285 | 8 x Ø22     | 480 | 280 | 24 | 400  | 93  | 60 346-892   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 315  | 230 | 60 346-193   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 400  | 230 | 60 346-293   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 500  | 230 | 60 346-393   |
| 200 | 295 | 340 | 12 x Ø22    | 600 | 400 | 30 | 630  | 230 | 60 346-493   |



### PN 25-40

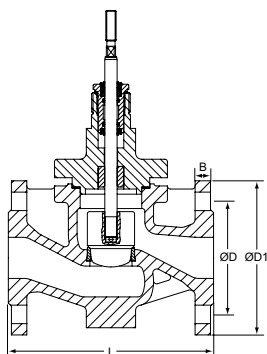
| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|------|----|--------------|
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 20 | 31,5 | 20 | 60 346-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 20 | 40   | 20 | 60 346-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 20 | 50   | 20 | 60 346-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 20 | 63   | 20 | 60 346-465   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 22 | 80   | 42 | 60 346-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 22 | 100  | 42 | 60 346-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 22 | 125  | 42 | 60 346-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 22 | 160  | 42 | 60 346-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 24 | 125  | 61 | 60 346-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 24 | 160  | 61 | 60 346-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 24 | 200  | 61 | 60 346-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 24 | 250  | 61 | 60 346-491   |



### PN 25

| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|-----|-----|--------------|
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 24 | 200 | 104 | 60 346-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 24 | 250 | 104 | 60 346-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 24 | 315 | 104 | 60 346-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 24 | 400 | 104 | 60 346-492   |

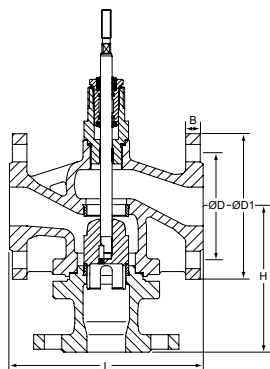
## CV240S – 2-gaitas



### PN 40

| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|------|-----|--------------|
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,16 | 7   | 60 258-115   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,25 | 7   | 60 258-215   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,4  | 7   | 60 258-315   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,63 | 7   | 60 258-415   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1    | 7   | 60 258-515   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,25 | 7   | 60 258-615   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,6  | 7   | 60 258-715   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 2,5  | 7   | 60 258-815   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 4    | 7   | 60 258-915   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 2,5  | 8   | 60 258-120   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 4    | 8   | 60 258-220   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 5    | 8   | 60 258-320   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 6,3  | 8   | 60 258-420   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 5    | 10  | 60 258-125   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 6,3  | 10  | 60 258-225   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 8    | 10  | 60 258-325   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 10   | 10  | 60 258-425   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 8    | 13  | 60 258-132   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 10   | 13  | 60 258-232   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 12,5 | 13  | 60 258-332   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 16   | 13  | 60 258-432   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 12,5 | 14  | 60 258-140   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 16   | 14  | 60 258-240   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 20   | 14  | 60 258-340   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 25   | 14  | 60 258-440   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 20   | 19  | 60 258-150   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 25   | 19  | 60 258-250   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 31,5 | 19  | 60 258-350   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 40   | 19  | 60 258-450   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 31,5 | 27  | 60 258-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 40   | 27  | 60 258-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 50   | 27  | 60 258-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 63   | 27  | 60 258-465   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 50   | 38  | 60 258-180   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 63   | 38  | 60 258-280   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 80   | 38  | 60 258-380   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 100  | 38  | 60 258-480   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 80   | 53  | 60 258-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 100  | 53  | 60 258-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 125  | 53  | 60 258-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 160  | 53  | 60 258-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 125  | 67  | 60 258-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 160  | 67  | 60 258-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 200  | 67  | 60 258-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 250  | 67  | 60 258-491   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 200  | 102 | 60 258-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 250  | 102 | 60 258-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 315  | 102 | 60 258-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 400  | 102 | 60 258-492   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 315  | 260 | 60 258-193   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 400  | 260 | 60 258-293   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 500  | 260 | 60 258-393   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 630  | 260 | 60 258-493   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 500  | 355 | 60 258-294   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 630  | 355 | 60 258-394   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 800  | 355 | 60 258-494   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 1000 | 355 | 60 258-994   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 630  | 460 | 60 258-195   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 800  | 460 | 60 258-295   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 1000 | 460 | 60 258-395   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 1250 | 460 | 60 258-495   |

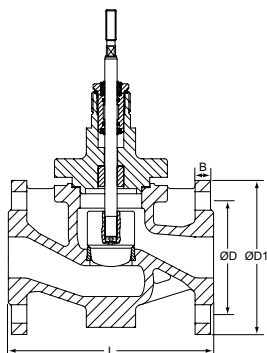
## CV340S – 3-gaitas



### PN 40

| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|------|-----|--------------|
| 15  | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 2,5  | 8   | 60 358-115   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 4    | 8   | 60 358-215   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 2,5  | 9   | 60 358-120   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 4    | 9   | 60 358-220   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 5    | 9   | 60 358-320   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 6,3  | 9   | 60 358-420   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 5    | 11  | 60 358-125   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 6,3  | 11  | 60 358-225   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 8    | 11  | 60 358-325   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 10   | 11  | 60 358-425   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 8    | 16  | 60 358-132   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 10   | 16  | 60 358-232   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 12,5 | 16  | 60 358-332   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 16   | 16  | 60 358-432   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 12,5 | 17  | 60 358-140   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 16   | 17  | 60 358-240   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 20   | 17  | 60 358-340   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 25   | 17  | 60 358-440   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 20   | 22  | 60 358-150   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 25   | 22  | 60 358-250   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 31,5 | 22  | 60 358-350   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 40   | 22  | 60 358-450   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 31,5 | 33  | 60 358-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 40   | 33  | 60 358-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 50   | 33  | 60 358-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 63   | 33  | 60 358-465   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 50   | 45  | 60 358-180   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 63   | 45  | 60 358-280   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 80   | 45  | 60 358-380   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 100  | 45  | 60 358-480   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 80   | 58  | 60 358-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 100  | 58  | 60 358-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 125  | 58  | 60 358-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 160  | 58  | 60 358-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 125  | 79  | 60 358-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 160  | 79  | 60 358-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 200  | 79  | 60 358-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 250  | 79  | 60 358-491   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 200  | 121 | 60 358-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 250  | 121 | 60 358-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 315  | 121 | 60 358-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 400  | 121 | 60 358-492   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 315  | 300 | 60 358-193   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 400  | 300 | 60 358-293   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 500  | 300 | 60 358-393   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 630  | 300 | 60 358-493   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 500  | 415 | 60 358-294   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 630  | 415 | 60 358-394   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 800  | 415 | 60 358-494   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 1000 | 415 | 60 358-994   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 630  | 540 | 60 358-195   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 800  | 540 | 60 358-295   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 1000 | 540 | 60 358-395   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 1250 | 540 | 60 358-495   |

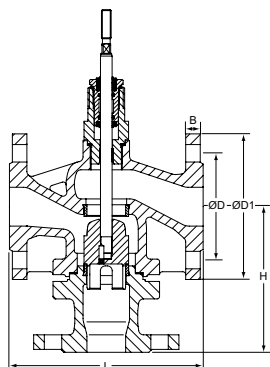
## CV240E – 2-gaitas



### PN 40

| DN  | D   | D1  | Skrūvju Nr. | L   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|----|------|-----|--------------|
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,16 | 7   | 60 259-115   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,25 | 7   | 60 259-215   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,4  | 7   | 60 259-315   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 0,63 | 7   | 60 259-415   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1    | 7   | 60 259-515   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,25 | 7   | 60 259-615   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 1,6  | 7   | 60 259-715   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 2,5  | 7   | 60 259-815   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 16 | 4    | 7   | 60 259-915   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 2,5  | 8   | 60 259-120   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 4    | 8   | 60 259-220   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 5    | 8   | 60 259-320   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 18 | 6,3  | 8   | 60 259-420   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 5    | 10  | 60 259-125   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 6,3  | 10  | 60 259-225   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 8    | 10  | 60 259-325   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 18 | 10   | 10  | 60 259-425   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 8    | 13  | 60 259-132   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 10   | 13  | 60 259-232   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 12,5 | 13  | 60 259-332   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 18 | 16   | 13  | 60 259-432   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 12,5 | 14  | 60 259-140   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 16   | 14  | 60 259-240   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 20   | 14  | 60 259-340   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 18 | 25   | 14  | 60 259-440   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 20   | 19  | 60 259-150   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 25   | 19  | 60 259-250   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 31,5 | 19  | 60 259-350   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 20 | 40   | 19  | 60 259-450   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 31,5 | 27  | 60 259-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 40   | 27  | 60 259-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 50   | 27  | 60 259-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 22 | 63   | 27  | 60 259-465   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 50   | 38  | 60 259-180   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 63   | 38  | 60 259-280   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 80   | 38  | 60 259-380   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 24 | 100  | 38  | 60 259-480   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 80   | 53  | 60 259-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 100  | 53  | 60 259-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 125  | 53  | 60 259-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 24 | 160  | 53  | 60 259-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 125  | 67  | 60 259-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 160  | 67  | 60 259-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 200  | 67  | 60 259-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 26 | 250  | 67  | 60 259-491   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 200  | 102 | 60 259-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 250  | 102 | 60 259-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 315  | 102 | 60 259-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 28 | 400  | 102 | 60 259-492   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 315  | 260 | 60 259-193   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 400  | 260 | 60 259-293   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 500  | 260 | 60 259-393   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 34 | 630  | 260 | 60 259-493   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 500  | 355 | 60 259-294   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 630  | 355 | 60 259-394   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 800  | 355 | 60 259-494   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 38 | 1000 | 355 | 60 259-994   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 630  | 460 | 60 259-195   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 800  | 460 | 60 259-295   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 1000 | 460 | 60 259-395   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 42 | 1250 | 460 | 60 259-495   |

## CV340E – 3-gaitas



### PN 40

| DN  | D   | D1  | Skrūvju Nr. | L   | H   | B  | Kvs  | Kg  | Artikula Nr. |
|-----|-----|-----|-------------|-----|-----|----|------|-----|--------------|
| 15  | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 2,5  | 8   | 60 359-115   |
| 15  | 65  | 95  | 4 x Ø14     | 130 | 130 | 16 | 4    | 8   | 60 359-215   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 2,5  | 9   | 60 359-120   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 4    | 9   | 60 359-220   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 5    | 9   | 60 359-320   |
| 20  | 75  | 105 | 4 x Ø14     | 150 | 130 | 18 | 6,3  | 9   | 60 359-420   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 5    | 11  | 60 359-125   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 6,3  | 11  | 60 359-225   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 8    | 11  | 60 359-325   |
| 25  | 85  | 115 | 4 x Ø14     | 160 | 130 | 18 | 10   | 11  | 60 359-425   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 8    | 16  | 60 359-132   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 10   | 16  | 60 359-232   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 12,5 | 16  | 60 359-332   |
| 32  | 100 | 140 | 4 x Ø18     | 180 | 150 | 18 | 16   | 16  | 60 359-432   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 12,5 | 17  | 60 359-140   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 16   | 17  | 60 359-240   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 20   | 17  | 60 359-340   |
| 40  | 110 | 150 | 4 x Ø18     | 200 | 150 | 18 | 25   | 17  | 60 359-440   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 20   | 22  | 60 359-150   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 25   | 22  | 60 359-250   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 31,5 | 22  | 60 359-350   |
| 50  | 125 | 165 | 4 x Ø18     | 230 | 160 | 20 | 40   | 22  | 60 359-450   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 31,5 | 33  | 60 359-165   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 40   | 33  | 60 359-265   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 50   | 33  | 60 359-365   |
| 65  | 145 | 185 | 8 x Ø18     | 290 | 170 | 22 | 63   | 33  | 60 359-465   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 50   | 45  | 60 359-180   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 63   | 45  | 60 359-280   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 80   | 45  | 60 359-380   |
| 80  | 160 | 200 | 8 x Ø18     | 310 | 215 | 24 | 100  | 45  | 60 359-480   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 80   | 58  | 60 359-190   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 100  | 58  | 60 359-290   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 125  | 58  | 60 359-390   |
| 100 | 190 | 235 | 8 x Ø22     | 350 | 215 | 24 | 160  | 58  | 60 359-490   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 125  | 79  | 60 359-191   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 160  | 79  | 60 359-291   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 200  | 79  | 60 359-391   |
| 125 | 220 | 270 | 8 x Ø26     | 400 | 260 | 26 | 250  | 79  | 60 359-491   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 200  | 121 | 60 359-192   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 250  | 121 | 60 359-292   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 315  | 121 | 60 359-392   |
| 150 | 250 | 300 | 8 x Ø26     | 480 | 280 | 28 | 400  | 121 | 60 359-492   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 315  | 300 | 60 359-193   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 400  | 300 | 60 359-293   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 500  | 300 | 60 359-393   |
| 200 | 320 | 375 | 12 x Ø30    | 600 | 400 | 34 | 630  | 300 | 60 359-493   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 500  | 415 | 60 359-294   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 630  | 415 | 60 359-394   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 800  | 415 | 60 359-494   |
| 250 | 385 | 450 | 12 x Ø33    | 730 | 450 | 38 | 1000 | 415 | 60 359-994   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 630  | 540 | 60 359-195   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 800  | 540 | 60 359-295   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 1000 | 540 | 60 359-395   |
| 300 | 450 | 515 | 16 x Ø33    | 850 | 550 | 42 | 1250 | 540 | 60 359-495   |

## Aktuatori

| Tips          | Barošanas spriegums | Aizvēršanas spēks [kN] | Ienākošais signāls              | Vārstiem   | Artikula Nr. |
|---------------|---------------------|------------------------|---------------------------------|------------|--------------|
| TA-MC103/24   | 24 VAC/VDC          | 1,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-40   | 61 103-001   |
| TA-MC103/230  | 230 VAC             | 1,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-40   | 61 103-002   |
| TA-MC163/24   | 24 VAC/VDC          | 1,6                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65   | 61 163-001   |
| TA-MC163/230  | 230 VAC             | 1,6                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65   | 61 163-002   |
| TA-MC223/24   | 24 VAC/VDC          | 2,2                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65   | 61 223-001   |
| TA-MC223/230  | 230 VAC             | 2,2                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65   | 61 223-002   |
| TA-MC403/24   | 24 VAC              | 4,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-100  | 61 403-001   |
| TA-MC403/230  | 230 VAC             | 4,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-100  | 61 403-002   |
| TA-MC403/24   | 24 VAC              | 4,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-150 | 61 403-011   |
| TA-MC403/230  | 230 VAC             | 4,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-150 | 61 403-012   |
| TA-MC503/24   | 24 VAC/VDC          | 5,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-100  | 61 503-001   |
| TA-MC503/230  | 230 VAC             | 5,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-100  | 61 503-002   |
| TA-MC503/24   | 24 VAC/VDC          | 5,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-150 | 61 503-011   |
| TA-MC503/230  | 230 VAC             | 5,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-150 | 61 503-012   |
| TA-MC1003/24  | 24 VAC              | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 65-100  | 61 003-001   |
| TA-MC1003/230 | 230 VAC             | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 65-100  | 61 003-002   |
| TA-MC1003/24  | 24 VAC              | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-200 | 61 003-011   |
| TA-MC1003/230 | 230 VAC             | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-200 | 61 003-012   |
| TA-MC1003/24  | 24 VAC              | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 250     | 61 003-021   |
| TA-MC1003/230 | 230 VAC             | 10,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 250     | 61 003-022   |
| TA-MC1503/24  | 24 VAC              | 15,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-200 | 61 153-011   |
| TA-MC1503/230 | 230 VAC             | 15,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-200 | 61 153-012   |
| TA-MC1503/24  | 24 VAC              | 15,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 250-300 | 61 153-021   |
| TA-MC1503/230 | 230 VAC             | 15,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 250-300 | 61 153-022   |
| TA-MH2503/230 | 230 VAC             | 25,0                   | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 125-300 | *)           |

\*) Īpašs pasūtījums, lūdzu, sazinieties ar IMI.

**Piezīme!** DC – Līdzstrāva ratificē maiņstrāvu.

Līdzstrāvas gadījumā, lūdzu, sazinieties ar IMI.

### Aktuatori – Bezatteices funkciju

Tikai 2-gaitas vārstiem

| Tips           | Barošanas spriegums | Aizvēršanas spēks [kN] | Ienākošais signāls              | Vārstiem | Artikula Nr. |
|----------------|---------------------|------------------------|---------------------------------|----------|--------------|
| TA-MC103SE/24  | 24 VAC              | 1,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-40 | 61 103-101   |
| TA-MC103SE/230 | 230 VAC             | 1,0                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-40 | 61 103-102   |
| TA-MC253SE/24  | 24 VAC              | 2,5                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65 | 61 253-101   |
| TA-MC253SE/230 | 230 VAC             | 2,5                    | 3-punktu, 0(2)-10 V, 4(0)-20 mA | DN 15-65 | 61 253-102   |

Lai iegūtu bezatteices izpildmehānismus DN 80-150, lūdzu, sazinieties ar IMI.

## Piederumi aktuatoriem

### ACA71, ACA72, ACA76

#### PIEZĪME!

- ACA72 augstai temperatūrai un spiedienam.
- TA-MC103, TA-MC103SE, TA-MC163, TA-MC223: Pozīcijaslīdzis (ACA71) un izejošais signāls 0(4)...20 mA (ACA76) nav kopā.

| Tips                                      | Aktuatoriem                              | Artikula Nr. |
|-------------------------------------------|------------------------------------------|--------------|
| <b>ACA71</b> Pozīcijaslīdzis (2 slēdži)   | TA-MC103, TA-MC103SE, TA-MC163, TA-MC223 | 67 071-100XA |
| <b>ACA72</b> Drošības klase IP65          | TA-MC103, TA-MC103SE, TA-MC163, TA-MC223 | 67 072-100XA |
| <b>ACA76</b> Izejošais signāls 0(4)-20 mA | TA-MC103, TA-MC103SE, TA-MC163, TA-MC223 | 67 076-100XA |
| <b>ACA71</b> Pozīcijaslīdzis (2 slēdži)   | TA-MC403, TA-MC503, TA-MC1003, TA-MC1503 | 67 071-250XA |
| <b>ACA72</b> Drošības klase IP65          | TA-MC403, TA-MC503, TA-MC1003, TA-MC1503 | 67 072-250XA |
| <b>ACA76</b> Izejošais signāls 0(4)-20 mA | TA-MC403, TA-MC503, TA-MC1003, TA-MC1503 | 67 076-250XA |

Izpildmehānisma piederumiem, lūdzu, pievienojiet "SO" (īpašs pasūtījums) aiz izpildmehānisma izstrādājuma numura un iekļaujiet piederuma veida izstrādājuma numuru.

**Piemērs:** 61 103-001SO + 67 071-100XA

## Piederumi vārstiem

### ACV64 Kāta sildītāji

Kāta sildītājs ūdens-glikola maisījumiem.

Min. temperatūra: -30°C

Barošanas spriegums: 24 VAC, 50/60 Hz vai 24 VDC.

Enerģijas patēriņš:  $P_{max} \approx 400$  VA,  $P_N \approx 30$  VA

Darbības režīms: S1 100% ED

Drošības klase: IP54

Drošinātāja aizsardzības jaudas slēdzis 16A, izslēgšanas raksturlielums "B".

| Priekš DN | Artikula Nr. |
|-----------|--------------|
| 15-100    | 68 064-015   |
| 125-200   | 68 064-091   |
| 250-300   | 68 064-094   |



Produktus, tekstus, fotogrāfijas, grafikus un shēmas šajā brošūrā IMI var pārveidot bez iepriekšēja paziņojuma. Lai saņemtu jaunāko informāciju par mūsu produktiem un specifikācijām, lūdzam apmeklēt [climatecontrol.imiplc.com](http://climatecontrol.imiplc.com).

3-25-5 LV CV216/316, 225/325, 240/340 S/E ed.4 05.2023