

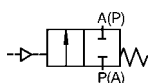
# Valvola a membrana 2/2 vie, comando pneumatico corpo acciaio inox forgiato con attacco Tri-Clamp®

Valvola a membrana divisoria

2031



2031



Normalmente chiusa

DN 8 - 50

- ✓ **Totalmente integrata nei sistemi di controllo di processo Bürkert**
- ✓ **Separazione ermetica del fluido dall'attuatore con membrana divisoria**
- ✓ **Nessun volume morto**
- ✓ **Varie finiture delle superfici**
- ✓ **Certificazione di qualità FDA / **

I sistemi di valvole a membrana Bürkert con corpo valvola in acciaio inox forgiato sono indicati per il controllo di fluidi sterili, ultra puri, aggressivi o abrasivi. I fluidi critici sono ermeticamente separati dall'attuatore attraverso membrane di elevata qualità.

L'assenza di volumi morti, in combinazione con diversi tipi di finiture di superfici permettono un ampio range applicativo.

L'attuatore pneumatico può essere controllato da valvole pilota pneumatiche (singole valvole pilota, isole di valvole e testate di controllo). Funzionamento A, normalmente chiusa da molla di ritorno.

## Dati tecnici

|                                             |                                                                                                                                                  |                      |  |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--|
| Connessione                                 | <ul style="list-style-type: none"> <li>• ISO 2852 - SMS 3017</li> <li>• ASME BPE lunga</li> <li>• ASME BPE breve</li> <li>• DIN 32676</li> </ul> |                      |  |
| Pressione pilota (a seconda dell'attuatore) | 5.5 ... 7 bar                                                                                                                                    | (PPS)                |  |
|                                             | 5.5 ... 10 bar                                                                                                                                   | (PA ≤ DN 100)        |  |
|                                             | 5.5 ... 7 bar                                                                                                                                    | (PA > DN 100)        |  |
| Temperature                                 |                                                                                                                                                  |                      |  |
| Fluido                                      | -10°C ... +130°C                                                                                                                                 | (breve tempo +150°C) |  |
| Ambiente (a seconda dell'attuatore)         | +5°C ... +140°C                                                                                                                                  | (PPS < DN 100)       |  |
|                                             | +5°C ... +90°C                                                                                                                                   | (PPS ≥ DN 100)       |  |
|                                             |                                                                                                                                                  | (breve tempo +140°C) |  |
|                                             | -10°C ... +60°C                                                                                                                                  | (PA)                 |  |
| Materiali                                   |                                                                                                                                                  |                      |  |
| Corpo valvola                               | Acciaio inox forgiato                                                                                                                            |                      |  |
|                                             | 316L / 1.4435 / BN2                                                                                                                              |                      |  |
|                                             | Fe < 0.5% / C ≤ 0.03%                                                                                                                            |                      |  |
| Membrana                                    | EPDM, PTFE                                                                                                                                       |                      |  |
| Attuatore                                   | PPS (PA su richiesta)                                                                                                                            |                      |  |
| Fillettatura per valvole pilota             | Acciaio inox 1.4305                                                                                                                              |                      |  |
| Direzione flusso                            | Bi-direzionale                                                                                                                                   |                      |  |

## Specifiche

| Passaggio DN | Valore Kv<br>Acqua | Max. press.<br>esercizio<br>(fluido) | Dimens. attuatore ø      |              | Peso |
|--------------|--------------------|--------------------------------------|--------------------------|--------------|------|
| [mm]         | [m³/h]             | [bar]                                | Membrana<br>EPDM<br>[mm] | PTFE<br>[mm] | [kg] |
| 8.0          | 1.0                | 10.0                                 | C-40                     | —            | 0.4  |
| 8.0          | 1.0                | 10.0                                 | —                        | C-40         | 0.4  |
| 10.0         | 1.0                | 10.0                                 | C-40                     | —            | 0.4  |
| 10.0         | 1.0                | 10.0                                 | —                        | C-40         | 0.4  |
| 15.0         | 4.0                | 8.5                                  | D-50                     | —            | 0.7  |
| 15.0         | 4.5                | 10.0                                 | —                        | E-63         | 0.9  |
| 20.0         | 7.0                | 10.0                                 | E-63                     | —            | 1.3  |
| 20.0         | 7.5                | 10.0                                 | —                        | F-80         | 2.0  |
| 25.0         | 12.0               | 10.0                                 | F-80                     | —            | 2.2  |
| 25.0         | 12.0               | 7.5                                  | —                        | F-80         | 2.2  |
| 40.0         | 30.0               | 6.5                                  | G-100                    | —            | 4.2  |
| 40.0         | 30.5               | 10.0                                 | —                        | H-125        | 5.7  |
| 50.0         | 51.5               | 8.0                                  | H-125                    | —            | 7.6  |
| 50.0         | 51.5               | 7.0                                  | —                        | H-125        | 7.6  |

**Applicazioni:**

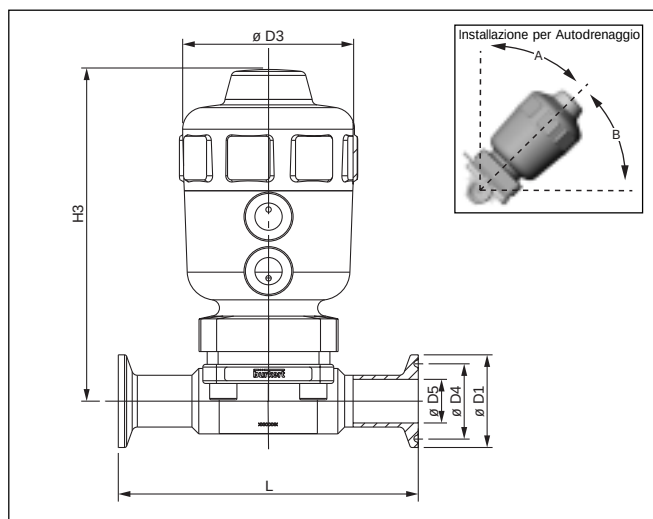
- Indicata per applicazioni di elevata purezza e qualità nelle industrie:
  - Industria farmaceutica
  - Biotecnologia
  - Semiconduttori
- Minima contaminazione nei sistemi di processo



**bürkert**  
Fluid Control Systems

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## Dimensioni [mm]



## Angoli auto drenanti (a seconda del passaggio)

| Passaggio<br>DN | NPS       | Angolo -A- | Angolo -B- |
|-----------------|-----------|------------|------------|
| [mm]            | [pollici] |            |            |
| 8.0             | 1/4"      | 55°        | 35°        |
| 10.0            | 3/8"      | 55°        | 35°        |
| 15.0            | 1/2"      | 64°        | 26°        |
| 20.0            | 3/4"      | 62°        | 28°        |
| 25.0            | 1"        | 67°        | 23°        |
| 40.0            | 1 1/2"    | 67°        | 23°        |
| 50.0            | 2"        | 68°        | 22°        |

## Connessione ISO 2852 - SMS 3017

| Passaggio<br>DN | Dimens.<br>attuatore<br>Ø | L     | H3    | D3     | D1     | D4     | D5     |
|-----------------|---------------------------|-------|-------|--------|--------|--------|--------|
| [mm]            | [mm]                      | [mm]  | [mm]  | Ø [mm] | Ø [mm] | Ø [mm] | Ø [mm] |
| 25.0            | E-63                      | 129.0 | 157.0 | 80.0   | 50.5   | 43.5   | 22.6   |
| 25.0            | F-80                      | 129.0 | 177.0 | 101.0  | 50.5   | 43.5   | 22.6   |
| 40.0            | G-100                     | 161.0 | 233.0 | 127.0  | 50.5   | 43.5   | 35.6   |
| 40.0            | H-125                     | 161.0 | 272.0 | 153.0  | 50.5   | 43.5   | 35.6   |
| 50.0            | G-100                     | 192.0 | 244.0 | 127.0  | 64.0   | 56.5   | 48.6   |
| 50.0            | H-125                     | 192.0 | 278.0 | 153.0  | 64.0   | 56.5   | 48.6   |

## Connessione DIN 32676

| Passaggio<br>DN | Dimens.<br>attuatore<br>Ø | L     | H3    | D3     | D1     | D4     | D5     |
|-----------------|---------------------------|-------|-------|--------|--------|--------|--------|
| [mm]            | [mm]                      | [mm]  | [mm]  | Ø [mm] | Ø [mm] | Ø [mm] | Ø [mm] |
| 15.0            | D-50                      | 110.0 | 121.0 | 64.0   | 34.0   | 27.5   | 16.0   |
| 15.0            | E-63                      | 110.0 | 138.0 | 80.0   | 34.0   | 27.5   | 16.0   |
| 20.0            | E-63                      | 119.0 | 148.0 | 80.0   | 34.0   | 27.5   | 20.0   |
| 20.0            | F-80                      | 119.0 | 174.0 | 101.0  | 34.0   | 27.5   | 20.0   |
| 25.0            | E-63                      | 129.0 | 157.0 | 80.0   | 50.5   | 43.5   | 26.0   |
| 25.0            | F-80                      | 129.0 | 177.0 | 101.0  | 50.5   | 43.5   | 26.0   |
| 40.0            | G-100                     | 161.0 | 233.0 | 127.0  | 50.5   | 43.5   | 38.0   |
| 40.0            | H-125                     | 161.0 | 272.0 | 153.0  | 50.5   | 43.5   | 38.0   |
| 50.0            | G-100                     | 192.0 | 244.0 | 127.0  | 64.0   | 56.5   | 50.0   |
| 50.0            | H-125                     | 192.0 | 278.0 | 153.0  | 64.0   | 56.5   | 50.0   |

## Connessione lunga ASME BPE

| Passaggio<br>DN | NPS       | Dimens.<br>attuatore<br>Ø | L     | H3    | D3     | D1     | D4     | D5     |
|-----------------|-----------|---------------------------|-------|-------|--------|--------|--------|--------|
| [mm]            | [pollici] | [mm]                      | [mm]  | [mm]  | Ø [mm] | Ø [mm] | Ø [mm] | Ø [mm] |
| 8.0             | 1/4"      | C-40                      | 78.0  | 85.0  | 53.0   | 25.0   | —      | 3.95   |
| 10.0            | 3/8"      | C-40                      | 89.0  | 85.0  | 53.0   | 25.0   | —      | 7.13   |
| 15.0            | 1/2"      | D-50                      | 108.0 | 121.0 | 64.0   | 25.0   | —      | 9.40   |
| 15.0            | 1/2"      | E-63                      | 108.0 | 138.0 | 80.0   | 25.0   | —      | 9.40   |
| 20.0            | 3/4"      | E-63                      | 117.0 | 148.0 | 80.0   | 25.0   | —      | 15.75  |
| 20.0            | 3/4"      | F-80                      | 117.0 | 174.0 | 101.0  | 25.0   | —      | 15.75  |
| 25.0            | 1"        | E-63                      | 127.0 | 157.0 | 80.0   | 50.5   | 43.5   | 22.20  |
| 25.0            | 1"        | F-80                      | 127.0 | 177.0 | 101.0  | 50.5   | 43.5   | 22.20  |
| 40.0            | 1 1/2"    | G-100                     | 159.0 | 233.0 | 127.0  | 50.5   | 43.5   | 34.90  |
| 40.0            | 1 1/2"    | H-125                     | 159.0 | 272.0 | 153.0  | 50.5   | 43.5   | 34.90  |
| 50.0            | 2"        | G-100                     | 190.0 | 244.0 | 127.0  | 64.0   | 56.5   | 47.60  |
| 50.0            | 2"        | H-125                     | 190.0 | 278.0 | 153.0  | 64.0   | 56.5   | 47.60  |

## Connessione corta ASME BPE

| Passaggio<br>DN | NPS       | Dimens.<br>attuatore<br>Ø | L     | H3    | D3     | D1     | D4     | D5     |
|-----------------|-----------|---------------------------|-------|-------|--------|--------|--------|--------|
| [mm]            | [pollici] | [mm]                      | [mm]  | [mm]  | Ø [mm] | Ø [mm] | Ø [mm] | Ø [mm] |
| 8.0             | 1/4"      | C-40                      | 64.5  | 85.0  | 53.0   | 25.0   | —      | 3.95   |
| 10.0            | 3/8"      | C-40                      | 89.0  | 85.0  | 53.0   | 25.0   | —      | 7.13   |
| 15.0            | 1/2"      | D-50                      | 89.0  | 121.0 | 64.0   | 25.0   | —      | 9.40   |
| 15.0            | 1/2"      | E-63                      | 89.0  | 138.0 | 80.0   | 25.0   | —      | 9.40   |
| 20.0            | 3/4"      | E-63                      | 102.0 | 148.0 | 80.0   | 25.0   | —      | 15.75  |
| 20.0            | 3/4"      | F-80                      | 102.0 | 174.0 | 101.0  | 25.0   | —      | 15.75  |
| 25.0            | 1"        | E-63                      | 114.0 | 157.0 | 80.0   | 50.5   | 43.5   | 22.20  |
| 25.0            | 1"        | F-80                      | 114.0 | 177.0 | 101.0  | 50.5   | 43.5   | 22.20  |
| 40.0            | 1 1/2"    | G-100                     | 140.0 | 233.0 | 127.0  | 50.5   | 43.5   | 34.90  |
| 40.0            | 1 1/2"    | H-125                     | 140.0 | 272.0 | 153.0  | 50.5   | 43.5   | 34.90  |
| 50.0            | 2"        | G-100                     | 159.0 | 244.0 | 127.0  | 64.0   | 56.5   | 47.60  |
| 50.0            | 2"        | H-125                     | 159.0 | 278.0 | 153.0  | 64.0   | 56.5   | 47.60  |

# Valvola a membrana 2/2 vie, comando pneumatico corpo acciaio inox forgiato con attacco Tri-Clamp®

Valvola a membrana divisoria

2031

## Specifiche - tabella ordinativi (altre versioni su richiesta) per connessione ISO 2852 - SMS 3017

| Passaggio<br>DN | Connessione<br>D1 | Finitura sup.<br>*1. Standard – Satinata<br>*2. Elettrolucidata<br>*3. Lucid. mecc. - finitura satinata<br>*4. Elettrolucidata<br>*5. Finitura a specchio | Dimensione<br>attuatore<br><br>(vedi specifiche<br>in 1a pagina) | Codice                                   |                  |
|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------|------------------|
|                 |                   |                                                                                                                                                           |                                                                  | Attuatore pneumatico<br>Membrana<br>EPDM | Membrana<br>PTFE |
| [mm]            | [mm]              | [μm]                                                                                                                                                      |                                                                  |                                          |                  |
| 25.0            | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | F-80                                                             | 445 387 U                                | 445 402 U        |
| 25.0            | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | F-80                                                             | 445 388 D                                | 445 403 V        |
| 25.0            | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | F-80                                                             | 445 389 E                                | 445 404 W        |
| 25.0            | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | F-80                                                             | 445 390 B                                | 445 405 X        |
| 25.0            | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | F-80                                                             | 445 391 Y                                | 445 406 Y        |
| 40.0            | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | G-100                                                            | 445 392 Z                                | 445 407 Z        |
| 40.0            | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | G-100                                                            | 445 393 S                                | 445 408 A        |
| 40.0            | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | G-100                                                            | 445 394 T                                | 445 409 B        |
| 40.0            | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | G-100                                                            | 445 395 U                                | 445 410 X        |
| 40.0            | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | G-100                                                            | 445 396 V                                | 445 411 L        |
| 50.0            | Clamp 64.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | H-125                                                            | 445 397 W                                | 445 412 M        |
| 50.0            | Clamp 64.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | H-125                                                            | 445 398 F                                | 445 413 N        |
| 50.0            | Clamp 64.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | H-125                                                            | 445 399 G                                | 445 414 P        |
| 50.0            | Clamp 64.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | H-125                                                            | 445 400 E                                | 445 415 Q        |
| 50.0            | Clamp 64.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | H-125                                                            | 445 401 T                                | 445 416 R        |

## Specifiche - tabella ordinativi (altre versioni su richiesta) per connessione lunga ASME BPE

| Passaggio<br>DN | NPS       | Connessione<br>D1 | Finitura sup.<br>*1. Standard – Satinata<br>*2. Elettrolucidata<br>*3. Lucid. mecc. - finitura satinata<br>*4. Elettrolucidata<br>*5. Finitura a specchio | Dimensione<br>attuatore<br><br>(vedi specifiche<br>in 1a pagina) | Codice                                   |                  |
|-----------------|-----------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------|------------------|
|                 |           |                   |                                                                                                                                                           |                                                                  | Attuatore pneumatico<br>Membrana<br>EPDM | Membrana<br>PTFE |
| [mm]            | [pollici] | [mm]              | [μm]                                                                                                                                                      |                                                                  |                                          |                  |
| 8.0             | 1/4"      | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | C-40                                                             | 445 197 N                                | 445 231 X        |
| 8.0             | 1/4"      | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | C-40                                                             | 445 198 X                                | 445 232 Y        |
| 8.0             | 1/4"      | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | C-40                                                             | 445 199 Y                                | 445 233 Z        |
| 8.0             | 1/4"      | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | C-40                                                             | 445 200 M                                | 445 234 S        |
| 8.0             | 1/4"      | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | C-40                                                             | 445 201 A                                | 445 235 T        |
| 10.0            | 3/8"      | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | C-40                                                             | 445 202 B                                | 445 236 U        |
| 10.0            | 3/8"      | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | C-40                                                             | 445 203 C                                | 445 237 V        |
| 10.0            | 3/8"      | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | C-40                                                             | 445 204 D                                | 445 238 E        |
| 10.0            | 3/8"      | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | C-40                                                             | 445 205 E                                | 445 239 F        |
| 10.0            | 3/8"      | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | C-40                                                             | 445 206 F                                | 445 240 L        |
| 15.0            | 1/2"      | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | D-50                                                             | 445 207 G                                | 445 241 H        |
| 15.0            | 1/2"      | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | D-50                                                             | 445 208 R                                | 445 242 A        |
| 15.0            | 1/2"      | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | D-50                                                             | 445 209 J                                | 445 243 B        |
| 15.0            | 1/2"      | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | D-50                                                             | 445 210 E                                | 445 244 C        |
| 15.0            | 1/2"      | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | D-50                                                             | 445 211 T                                | 445 245 D        |
| 20.0            | 3/4"      | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | E-63                                                             | 445 212 U                                | 445 246 E        |
| 20.0            | 3/4"      | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | E-63                                                             | 445 213 V                                | 445 247 F        |
| 20.0            | 3/4"      | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | E-63                                                             | 445 214 W                                | 445 248 Q        |
| 20.0            | 3/4"      | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | E-63                                                             | 444 151 W                                | 445 249 R        |
| 20.0            | 3/4"      | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | E-63                                                             | 445 215 X                                | 445 250 N        |
| 25.0            | 1"        | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | F-80                                                             | 445 216 Y                                | 445 251 B        |
| 25.0            | 1"        | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | F-80                                                             | 445 217 Z                                | 445 252 C        |
| 25.0            | 1"        | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | F-80                                                             | 445 218 A                                | 445 253 D        |
| 25.0            | 1"        | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | F-80                                                             | 445 219 B                                | 445 254 E        |
| 25.0            | 1"        | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | F-80                                                             | 445 220 G                                | 445 255 F        |
| 40.0            | 1 1/2"    | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | G-100                                                            | 445 221 V                                | 445 256 G        |
| 40.0            | 1 1/2"    | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | G-100                                                            | 445 222 W                                | 445 257 H        |
| 40.0            | 1 1/2"    | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | G-100                                                            | 445 223 X                                | 445 258 J        |
| 40.0            | 1 1/2"    | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | G-100                                                            | 445 224 Y                                | 445 259 K        |
| 40.0            | 1 1/2"    | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | G-100                                                            | 445 225 Z                                | 445 260 Q        |
| 50.0            | 2"        | Clamp 64.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | H-125                                                            | 445 226 S                                | 445 261 D        |
| 50.0            | 2"        | Clamp 64.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | H-125                                                            | 445 227 T                                | 445 262 E        |
| 50.0            | 2"        | Clamp 64.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | H-125                                                            | 445 228 C                                | 445 263 F        |
| 50.0            | 2"        | Clamp 64.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | H-125                                                            | 445 229 D                                | 445 264 G        |
| 50.0            | 2"        | Clamp 64.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | H-125                                                            | 445 230 A                                | 445 265 H        |

# Valvola a membrana 2/2 vie, comando pneumatico corpo acciaio inox forgiato con attacco Tri-Clamp®

## Specifiche - tabella ordinativi (altre versioni su richiesta) per connessione breve ASME BPE

| Passaggio<br>DN | NPS    | Connessione<br>D1 | Finitura sup.<br>*1. Standard – Satinata<br>*2. Elettrolucidata<br>*3. Lucid. mecc. - finitura satinata<br>*4. Elettrolucidata<br>*5. Finitura a specchio | Dimensione<br>attuatore | Codice                                   |                  |
|-----------------|--------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------|------------------|
|                 |        |                   |                                                                                                                                                           |                         | Attuatore pneumatico<br>Membrana<br>EPDM | Membrana<br>PTFE |
| [mm]            | [inch] | [mm]              | [µm]                                                                                                                                                      |                         |                                          |                  |
| 8.0             | 1/4"   | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | C-40                    | 445 266 A                                | 445 301 E        |
| 8.0             | 1/4"   | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | C-40                    | 445 267 B                                | 445 302 F        |
| 8.0             | 1/4"   | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | C-40                    | 445 268 L                                | 445 303 G        |
| 8.0             | 1/4"   | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | C-40                    | 445 269 M                                | 445 304 H        |
| 8.0             | 1/4"   | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | C-40                    | 445 270 J                                | 445 305 A        |
| 10.0            | 3/8"   | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | C-40                    | 445 271 F                                | 445 306 B        |
| 10.0            | 3/8"   | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | C-40                    | 445 272 G                                | 445 307 C        |
| 10.0            | 3/8"   | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | C-40                    | 445 273 H                                | 445 308 M        |
| 10.0            | 3/8"   | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | C-40                    | 445 274 A                                | 445 309 N        |
| 10.0            | 3/8"   | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | C-40                    | 445 275 B                                | 445 310 A        |
| 15.0            | 1/2"   | Clamp 25.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | D-50                    | 445 276 C                                | 445 311 X        |
| 15.0            | 1/2"   | Clamp 25.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | D-50                    | 445 277 D                                | 445 312 Y        |
| 15.0            | 1/2"   | Clamp 25.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | D-50                    | 445 278 N                                | 445 313 Z        |
| 15.0            | 1/2"   | Clamp 25.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | D-50                    | 445 279 P                                | 445 314 S        |
| 15.0            | 1/2"   | Clamp 25.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | D-50                    | 445 280 D                                | 445 315 T        |
| 20.0            | 3/4"   | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | E-63                    | 445 281 S                                | 445 316 U        |
| 20.0            | 3/4"   | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | E-63                    | 445 282 T                                | 445 317 V        |
| 20.0            | 3/4"   | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | E-63                    | 445 283 U                                | 445 318 E        |
| 20.0            | 3/4"   | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | E-63                    | 445 284 V                                | 445 319 F        |
| 20.0            | 3/4"   | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | E-63                    | 445 285 W                                | 445 320 C        |
| 25.0            | 1"     | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | F-80                    | 445 286 X                                | 445 321 Z        |
| 25.0            | 1"     | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | F-80                    | 445 287 Y                                | 445 322 S        |
| 25.0            | 1"     | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | F-80                    | 445 288 H                                | 445 323 T        |
| 25.0            | 1"     | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | F-80                    | 445 289 A                                | 445 324 U        |
| 25.0            | 1"     | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | F-80                    | 445 290 F                                | 445 325 V        |
| 40.0            | 1 1/2" | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | G-100                   | 445 291 U                                | 445 326 W        |
| 40.0            | 1 1/2" | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | G-100                   | 445 292 V                                | 445 327 X        |
| 40.0            | 1 1/2" | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | G-100                   | 445 293 W                                | 445 328 G        |
| 40.0            | 1 1/2" | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | G-100                   | 445 294 X                                | 445 329 H        |
| 40.0            | 1 1/2" | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | G-100                   | 445 295 Y                                | 445 330 E        |
| 50.0            | 2"     | Clamp 64.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | H-125                   | 445 296 Z                                | 445 331 T        |
| 50.0            | 2"     | Clamp 64.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | H-125                   | 445 297 S                                | 445 332 U        |
| 50.0            | 2"     | Clamp 64.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | H-125                   | 445 298 B                                | 445 333 V        |
| 50.0            | 2"     | Clamp 64.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | H-125                   | 445 299 C                                | 445 334 W        |
| 50.0            | 2"     | Clamp 64.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | H-125                   | 445 300 R                                | 445 335 X        |

## Specifiche - tabella ordinativi (altre versioni su richiesta) per connessione DIN 32676

| Passaggio<br>DN | Connessione<br>D1 | Finitura sup.<br>*1. Standard – Satinata<br>*2. Elettrolucidata<br>*3. Lucid. mecc. - finitura satinata<br>*4. Elettrolucidata<br>*5. Finitura a specchio | Dimensione<br>attuatore | Codice                                   |                  |
|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------|------------------|
|                 |                   |                                                                                                                                                           |                         | Attuatore pneumatico<br>Membrana<br>EPDM | Membrana<br>PTFE |
| [mm]            | [mm]              | [µm]                                                                                                                                                      |                         |                                          |                  |
| 15.0            | Clamp 34.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | D-50                    | 445 336 Y                                | 445 361 H        |
| 15.0            | Clamp 34.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | D-50                    | 445 337 Z                                | 445 362 A        |
| 15.0            | Clamp 34.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | D-50                    | 445 338 A                                | 445 363 B        |
| 15.0            | Clamp 34.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | D-50                    | 445 339 B                                | 445 364 C        |
| 15.0            | Clamp 34.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | D-50                    | 445 340 Q                                | 445 365 D        |
| 20.0            | Clamp 34.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | E-63                    | 445 341 D                                | 445 366 E        |
| 20.0            | Clamp 34.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | E-63                    | 445 342 E                                | 445 367 F        |
| 20.0            | Clamp 34.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | E-63                    | 445 343 F                                | 445 368 Q        |
| 20.0            | Clamp 34.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | E-63                    | 445 344 G                                | 445 369 R        |
| 20.0            | Clamp 34.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | E-63                    | 445 345 H                                | 445 370 N        |
| 25.0            | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | F-80                    | 445 346 A                                | 445 371 B        |
| 25.0            | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | F-80                    | 445 347 B                                | 445 372 C        |
| 25.0            | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | F-80                    | 445 348 L                                | 445 373 D        |
| 25.0            | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | F-80                    | 445 349 M                                | 445 374 E        |
| 25.0            | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | F-80                    | 445 350 J                                | 445 375 F        |
| 40.0            | Clamp 50.5        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | G-100                   | 445 351 F                                | 445 376 G        |
| 40.0            | Clamp 50.5        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | G-100                   | 445 352 G                                | 445 377 H        |
| 40.0            | Clamp 50.5        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | G-100                   | 445 353 H                                | 445 378 J        |
| 40.0            | Clamp 50.5        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | G-100                   | 445 354 A                                | 445 379 K        |
| 40.0            | Clamp 50.5        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | G-100                   | 445 355 B                                | 445 380 H        |
| 50.0            | Clamp 64.0        | *1. Esterna Ra<6.3 – Interna Ra<0.5                                                                                                                       | H-125                   | 445 356 C                                | 445 381 W        |
| 50.0            | Clamp 64.0        | *2. Esterna Ra<3.2 – Interna Ra<0.4                                                                                                                       | H-125                   | 445 357 D                                | 445 382 X        |
| 50.0            | Clamp 64.0        | *3. Esterna Ra<1.6 – Interna Ra<0.5                                                                                                                       | H-125                   | 445 358 N                                | 445 383 Y        |
| 50.0            | Clamp 64.0        | *4. Esterna Ra<0.8 – Interna Ra<0.4                                                                                                                       | H-125                   | 445 359 P                                | 445 384 Z        |
| 50.0            | Clamp 64.0        | *5. Esterna Ra<0.25 – Interna Ra<0.25                                                                                                                     | H-125                   | 445 360 L                                | 445 385 S        |

In caso di applicazioni speciali  
Vi preghiamo contattarci.

Ci riserviamo il diritto di apportare modifiche tecniche  
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