



## SYGEF Standard 3-Way ball valve type 543 Pro P

### Horizontal/T-port

**DA (Double acting)**

### Without manual override

### With butt fusion spigots IR-Plus metric

**Model:**

- Material: PVDF
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845 with 5.6 bar (81.2 psi)
- Basic position A-B-C opened, activated position B-C opened, see flow scheme
- Control time  $90^\circ < 1-2s$
- For easy installation and removal
- Integrated stainless steel mounting inserts
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Z-dimension, valve end and union nut are compatible with types 285 – 288 and 543 (1st Generation)

**Option:**

- Position feedback sensor, incl. LED feedback (DN10-50) - PNP, NPN and NAMUR
- Positioner RPC, RPC D, RPC PID
- Individual configuration of the valve

| d<br>(mm) | DN<br>(mm) | Size<br>(inch) | PN<br>(bar) | kv-value<br>(Δp=1 bar)<br>(L/min) | FKM<br>Code        | SP | Weight<br>(kg) |
|-----------|------------|----------------|-------------|-----------------------------------|--------------------|----|----------------|
| 20        | 15         | ½              | 10          | 140                               | <b>199 297 193</b> | 1  | 1.011          |
| 25        | 20         | ¾              | 10          | 200                               | <b>199 297 194</b> | 1  | 1.176          |
| 32        | 25         | 1              | 10          | 470                               | <b>199 297 195</b> | 1  | 1.425          |
| 40        | 32         | 1 ¼            | 10          | 793                               | <b>199 297 196</b> | 1  | 2.389          |
| 50        | 40         | 1 ½            | 10          | 1290                              | <b>199 297 197</b> | 1  | 3.009          |
| 63        | 50         | 2              | 10          | 3100                              | <b>199 297 198</b> | 1  | 4.789          |

| d    | Actuator | D    | H    | H1   | H2   | H3   | H4   | H5   | H6   | L    | L1   | L2   | L3   | L4   | L6   |
|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (mm) |          | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| 20   | PPA08    | 50   | 157  | 28   | 62   | 95   | 41   | 75   | 8    | 146  | 128  | 72   | 36   | 25   | 74   |
| 25   | PPA08    | 58   | 166  | 32   | 71   | 95   | 41   | 75   | 8    | 163  | 128  | 85   | 43   | 25   | 74   |
| 32   | PPA08    | 68   | 166  | 36   | 71   | 95   | 41   | 75   | 8    | 178  | 128  | 98   | 49   | 25   | 74   |
| 40   | PPA15    | 84   | 192  | 45   | 84   | 108  | 45   | 88   | 9    | 204  | 165  | 118  | 59   | 45   | 94   |
| 50   | PPA15    | 97   | 192  | 51   | 84   | 108  | 45   | 88   | 9    | 237  | 165  | 135  | 68   | 45   | 94   |
| 63   | PPA40    | 124  | 237  | 65   | 106  | 131  | 56   | 111  | 9    | 296  | 184  | 176  | 88   | 45   | 120  |

| <b>d</b><br>(mm) | <b>L7</b><br>(mm) | <b>M</b> | <b>closest<br/>inch</b><br>(inch) |
|------------------|-------------------|----------|-----------------------------------|
| 20               | 32                | 6        | $\frac{1}{2}$                     |
| 25               | 32                | 6        | $\frac{3}{4}$                     |
| 32               | 32                | 6        | 1                                 |
| 40               | 38                | 8        | $1 \frac{1}{4}$                   |
| 50               | 38                | 8        | $1 \frac{1}{2}$                   |
| 63               | 47                | 8        | 2                                 |

# Data sheet

valid from: 3/30/26

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