



**SYGEF Standard 3-Way ball valve type 543 Pro silicone free
Horizontal/T-port
With fusion sockets metric (US version)**

Model:

- Material: PVDF / silicone free cleaned
- Lockable lever as standard (DN10-DN50)
- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seat PTFE
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Delivery status A-B-C opened, see flow scheme
- Z-dimension, valve end and union nut are compatible with type 543 (1stGeneration)

Option:

- Interface-module with position feedback sensor, incl. LED feedback (DN10-50)
- Manual spring return lever ("Dead man") (DN10-25)
- Pneumatic or electric actuators from GF
- Individual configuration of the valve possible

| d (mm) | DN (mm) | Size (inch) | PN (bar) | kv-value ($\Delta p=1$ bar) (l/min) | FKM Code | SP | Weight (kg) |
|-----------|------------|----------------|-------------|--|--------------------|----|----------------|
| 16 | 10 | | 10 | 140 | 175 543 511 | 1 | 0.311 |
| 20 | 15 | | 10 | 200 | 175 543 512 | 1 | 0.319 |
| 25 | 20 | | 10 | 470 | 175 543 513 | 1 | 0.458 |
| 32 | 25 | | 10 | 793 | 175 543 514 | 1 | 0.695 |
| 40 | 32 | | 10 | 1290 | 175 543 515 | 1 | 1.185 |
| 50 | 40 | | 10 | 1910 | 175 543 516 | 1 | 1.751 |
| 63 | 50 | 2 | 10 | 3100 | 175 543 517 | 1 | 3.405 |

| d (mm) | D (mm) | H (mm) | H1 (mm) | H2 (mm) | L (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | L5 (mm) | L6 (mm) | M (mm) | z (mm) | z1 (mm) | closest inch (inch) |
|-----------|-----------|-----------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|-----------|-----------|------------|---------------------------|
| 16 | 50 | 61 | 28 | 8 | 110 | 82 | 72 | 36 | 25 | 35 | 47 | 6 | 82 | 41 | 3/8 |
| 20 | 50 | 61 | 28 | 8 | 112 | 82 | 72 | 36 | 25 | 35 | 47 | 6 | 82 | 41 | 1/2 |
| 25 | 58 | 74 | 32 | 8 | 129 | 106 | 85 | 43 | 25 | 44 | 62 | 6 | 97 | 49 | 3/4 |
| 32 | 68 | 80 | 36 | 8 | 146 | 106 | 98 | 49 | 25 | 44 | 62 | 6 | 110 | 55 | 1 |
| 40 | 84 | 95 | 45 | 9 | 170 | 131 | 118 | 59 | 45 | 57 | 74 | 8 | 132 | 66 | 1 1/4 |
| 50 | 97 | 102 | 51 | 9 | 193 | 131 | 135 | 68 | 45 | 57 | 74 | 8 | 151 | 76 | 1 1/2 |
| 63 | 124 | 117 | 65 | 9 | 244 | 152 | 176 | 88 | 45 | 66 | 86 | 8 | 188 | 94 | 2 |

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Data sheet

valid from: 8/24/24



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