# Data sheet

valid from: 4/7/26



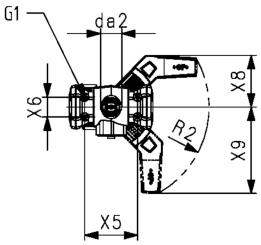
**PVC-U Ball valve type 546 Pro with PPA**
**DA (Double Acting)**
**With solvent cement sockets PVC-U BS**
**With manual override**

**Model:**

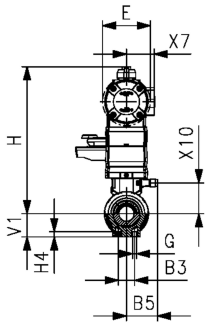
- Control pressure supply through integrated NAMUR interface according VDI/VDE 3845
- Full plastic solution (actuator housing made of PP-GF)
- Visual position indicator
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st Generation)

**Option:**

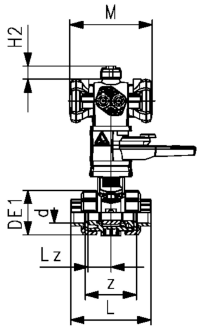
- Position feedback through double sensor with LED (PNP, NPN and NAMUR)
- Positioner RPC, RPC D, RPC PID
- Individual configuration of valves possible




| d (mm) | DN (mm) | Size (inch) | PN (bar) | kv-value (Δp=1 bar) (l/min) | EPDM Code | Weight (kg) | FKM Code | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| 16 | 10 | ⅜ | 10 | 70 | **199 254 082** | 1.500 | **199 254 092** | 1.500 |
| 20 | 15 | ½ | 10 | 185 | **199 254 083** | 1.500 | **199 254 093** | 1.500 |
| 25 | 20 | ¾ | 10 | 350 | **199 254 084** | 1.600 | **199 254 094** | 1.600 |
| 32 | 25 | 1 | 10 | 700 | **199 254 085** | 1.237 | **199 254 095** | 1.700 |
| 40 | 32 | 1 ¼ | 10 | 1000 | **199 254 086** | 2.800 | **199 254 096** | 2.800 |
| 50 | 40 | 1 ½ | 10 | 1600 | **199 254 087** | 3.100 | **199 254 097** | 3.100 |
| 63 | 50 | 2 | 10 | 3100 | **199 254 088** | 4.000 | **199 254 098** | 4.000 |




| d (mm) | Actuator | B3 (mm) | B5 (mm) | da2 (mm) | DE1 (mm) | E (mm) | G (mm) | G1 (mm) | H (mm) | H2 (mm) | H4 (mm) | L (mm) | Lz (mm) | M (mm) | R2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | PPA08 | 25 | 16.2 | 33 | 50 | 74 | M6 | M5 | 215 | 20 | 12 | 92 | 28 | 128 | R150 |
| 20 | PPA08 | 25 | 16.2 | 33 | 50 | 74 | M6 | M5 | 215 | 20 | 12 | 95 | 28 | 128 | R150 |
| 25 | PPA08 | 25 | 17.5 | 33 | 58 | 74 | M6 | M5 | 219 | 20 | 12 | 110 | 33 | 128 | R150 |
| 32 | PPA08 | 25 | 17.5 | 33 | 68 | 94 | M6 | M5 | 238 | 20 | 12 | 123 | 36 | 128 | R150 |
| 40 | PPA15 | 45 | 23.3 | 33 | 84 | 94 | M8 | M5 | 244 | 20 | 15 | 146 | 43 | 159 | R150 |
| 50 | PPA15 | 45 | 23.3 | 33 | 97 | 120 | M8 | M5 | 273 | 20 | 15 | 157 | 45 | 159 | R150 |
| 63 | PPA40 | 45 | 24.3 | 33 | 124 | 120 | M8 | M5 | 288 | 20 | 15 | 183 | 51 | 184 | R150 |




| d (mm) | V1 (mm) | X5 (mm) | X6 (mm) | X7 (mm) | X8 (mm) | X9 (mm) | X10 (mm) | z (mm) |
|---|---|---|---|---|---|---|---|---|
| 16 | 27 | 80 | 30 | 43 | 78 | 132 | 38.00 | 64 |
| 20 | 27 | 80 | 30 | 43 | 78 | 132 | 38.00 | 64 |
| 25 | 30 | 80 | 30 | 43 | 78 | 132 | 41.90 | 72 |
| 32 | 36 | 80 | 30 | 51 | 78 | 132 | 47.00 | 79 |
| 40 | 44 | 80 | 30 | 51 | 78 | 132 | 53.50 | 94 |
| 50 | 51 | 80 | 30 | 62 | 78 | 132 | 62.75 | 95 |
| 63 | 64 | 80 | 30 | 62 | 78 | 132 | 77.00 | 107 |

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.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/SwitzerlandPhone +41 -(0)52-631 1111e-mail: info.ps@georgfischer.comInternet: http://www.gfps.com