



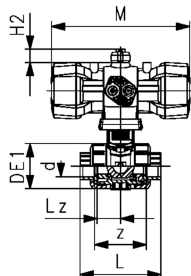
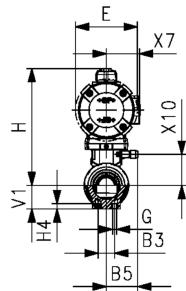
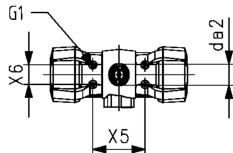
**PROGEF Standard PP-H Ball valve type 546 Pro with PPA**  
**FO (Fail safe to open)**  
**With fusion sockets PP-H ISO**  
**Without manual override**  
**5.6 bar control pressure**

**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    | DN   | Size   | PN    | kv-value   | EPDM        | SP | Weight | FKM         | SP | Weight |
|------|------|--------|-------|------------|-------------|----|--------|-------------|----|--------|
| (mm) | (mm) | (inch) | (bar) | (Δp=1 bar) | Code        |    | (kg)   | Code        |    | (kg)   |
|      |      |        |       | (l/min)    |             |    |        |             |    |        |
| 16   | 10   | 3/8    | 10    | 70         | 199 251 162 | 1  | 1.200  | 199 251 172 | 1  | 1.200  |
| 20   | 15   | 1/2    | 10    | 185        | 199 251 163 | 1  | 1.200  | 199 251 173 | 1  | 1.200  |
| 25   | 20   | 3/4    | 10    | 350        | 199 251 164 | 1  | 1.300  | 199 251 174 | 1  | 1.300  |
| 32   | 25   | 1      | 10    | 700        | 199 251 165 | 1  | 1.151  | 199 251 175 | 1  | 1.400  |
| 40   | 32   | 1 1/4  | 10    | 1000       | 199 251 166 | 1  | 2.500  | 199 251 176 | 1  | 2.500  |
| 50   | 40   | 1 1/2  | 10    | 1600       | 199 251 167 | 1  | 2.800  | 199 251 177 | 1  | 2.800  |
| 63   | 50   | 2      | 10    | 3100       | 199 251 168 | 1  | 3.700  | 199 251 178 | 1  | 3.700  |
| 75   | 65   | 2 1/2  | 10    | 5000       | 199 251 169 | 1  | 6.600  | 199 251 179 | 1  | 6.600  |
| 90   | 80   | 3      | 10    | 7000       | 199 251 170 | 1  | 8.400  | 199 251 180 | 1  | 8.400  |
| 110  | 100  | 4      | 10    | 11000      | 199 251 171 | 1  | 12.600 | 199 251 181 | 1  | 12.600 |

| d    | Actuator | B3   | B5   | da2  | DE1  | E    | G    | G1   | H    | H2   | H4   | L    | Lz   | M    | V1   |
|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (mm) |          | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| 16   | PPA08    | 25   | 16.2 | 33   | 50   | 74   | M6   | M5   | 155  | 20   | 12   | 93   | 28   | 159  | 27   |
| 20   | PPA08    | 25   | 16.2 | 33   | 50   | 74   | M6   | M5   | 155  | 20   | 12   | 95   | 28   | 159  | 27   |
| 25   | PPA08    | 25   | 17.5 | 33   | 58   | 74   | M6   | M5   | 159  | 20   | 12   | 109  | 33   | 159  | 30   |
| 32   | PPA15    | 25   | 17.5 | 33   | 68   | 94   | M6   | M5   | 178  | 20   | 12   | 119  | 36   | 211  | 36   |
| 40   | PPA15    | 45   | 23.3 | 33   | 84   | 94   | M8   | M5   | 184  | 20   | 15   | 135  | 43   | 211  | 44   |
| 50   | PPA40    | 45   | 23.3 | 33   | 97   | 120  | M8   | M5   | 213  | 20   | 15   | 147  | 45   | 246  | 51   |
| 63   | PPA40    | 45   | 24.3 | 33   | 124  | 120  | M8   | M5   | 228  | 20   | 15   | 168  | 51   | 246  | 64   |
| 75   | PPA80    | 70   | 28.5 | 33   | 166  | 142  | M8   | M5   | 277  | 20   | 15   | 233  | 68   | 343  | 85   |
| 90   | PPA80    | 70   | 28.5 | 33   | 200  | 142  | M8   | M5   | 289  | 20   | 15   | 254  | 71   | 343  | 105  |
| 110  | PPA80    | 120  | 28.5 | 33   | 238  | 142  | M12  | M5   | 324  | 20   | 22   | 301  | 82   | 343  | 123  |

| d    | X5   | X6   | X7   | X10   | z    |
|------|------|------|------|-------|------|
| (mm) | (mm) | (mm) | (mm) | (mm)  | (mm) |
| 16   | 80   | 30   | 43   | 38.0  | 67   |
| 20   | 80   | 30   | 43   | 38.0  | 66   |
| 25   | 80   | 30   | 43   | 41.9  | 77   |
| 32   | 80   | 30   | 51   | 47.0  | 83   |
| 40   | 80   | 30   | 51   | 53.5  | 99   |
| 50   | 80   | 30   | 62   | 62.8  | 105  |
| 63   | 80   | 30   | 62   | 77.0  | 117  |
| 75   | 80   | 30   | 74   | 119.0 | 167  |
| 90   | 80   | 30   | 74   | 131.0 | 180  |
| 110  | 80   | 30   | 74   | 145.0 | 215  |

# Data sheet

valid from: 8/27/26

---



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/Switzerland Phone +41 -(0)52-631 1111 e-mail: [info.ps@georgfischer.com](mailto:info.ps@georgfischer.com) Internet: <http://www.gfps.com>