



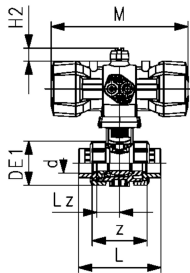
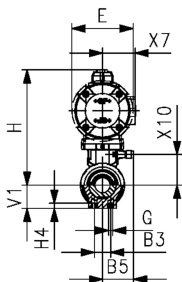
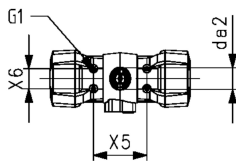
**PVC-U Ball valve type 546 Pro with PPA  
FO (Fail safe to open)  
With threaded sockets PVC-U ISO/JIS Rc  
Without manual override  
5.6 bar control pressure**

**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   | PN    | Size   | kv-value   | EPDM        | SP | Weight | FKM         | SP | Weight |
|------|------|-------|--------|------------|-------------|----|--------|-------------|----|--------|
| (mm) | (mm) | (bar) | (inch) | (Δp=1 bar) | Code        |    | (kg)   | Code        |    | (kg)   |
|      |      |       |        | (l/min)    |             |    |        |             |    |        |
| 20   | 15   | 10    | ½      | 185        | 199 255 623 | 1  | 1.20   | 199 255 633 | 1  | 1.20   |
| 25   | 20   | 10    | ¾      | 350        | 199 255 624 | 1  | 1.30   | 199 255 634 | 1  | 1.30   |
| 32   | 25   | 10    | 1      | 700        | 199 255 625 | 1  | 1.40   | 199 255 635 | 1  | 1.40   |
| 40   | 32   | 10    | 1 ¼    | 1000       | 199 255 626 | 1  | 2.50   | 199 255 636 | 1  | 2.50   |
| 50   | 40   | 10    | 1 ½    | 1600       | 199 255 627 | 1  | 2.80   | 199 255 637 | 1  | 2.80   |
| 63   | 50   | 10    | 2      | 3100       | 199 255 628 | 1  | 3.70   | 199 255 638 | 1  | 3.70   |
| 75   | 65   | 10    | 2 ½    | 5000       | 199 255 629 | 1  | 7.80   | 199 255 639 | 1  | 7.80   |
| 90   | 80   | 10    | 3      | 7000       | 199 255 630 | 1  | 10.30  | 199 255 640 | 1  | 10.30  |
| 110  | 100  | 10    | 4      | 11000      | 199 255 631 | 1  | 15.50  | 199 255 641 | 1  | 15.50  |

| 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) |
| 20   | PPA08    | 25   | 16.2 | 33   | 50   | 74   | M6   | M5   | 155  | 20   | 12   | 100  | 28   | 159  | 27   |
| 25   | PPA08    | 25   | 17.5 | 33   | 58   | 74   | M6   | M5   | 159  | 20   | 12   | 114  | 33   | 159  | 30   |
| 32   | PPA15    | 25   | 17.5 | 33   | 68   | 94   | M6   | M5   | 178  | 20   | 12   | 127  | 36   | 211  | 36   |
| 40   | PPA15    | 45   | 23.3 | 33   | 84   | 94   | M8   | M5   | 184  | 20   | 15   | 146  | 43   | 211  | 44   |
| 50   | PPA40    | 45   | 23.3 | 33   | 97   | 120  | M8   | M5   | 213  | 20   | 15   | 152  | 45   | 246  | 51   |
| 63   | PPA40    | 45   | 24.3 | 33   | 124  | 120  | M8   | M5   | 228  | 20   | 15   | 177  | 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    | Thread Type |
|------|------|------|------|-------|------|-------------|
| (mm) | (mm) | (mm) | (mm) | (mm)  | (mm) |             |
| 20   | 80   | 30   | 43   | 38.0  | 67   | Rc          |
| 25   | 80   | 30   | 43   | 41.9  | 78   | Rc          |
| 32   | 80   | 30   | 51   | 47.0  | 85   | Rc          |
| 40   | 80   | 30   | 51   | 53.5  | 100  | Rc          |
| 50   | 80   | 30   | 62   | 62.8  | 106  | Rc          |
| 63   | 80   | 30   | 62   | 77.0  | 121  | Rc          |
| 75   | 80   | 30   | 74   | 119.0 | 144  | Rc          |
| 90   | 80   | 30   | 74   | 131.0 | 151  | Rc          |
| 110  | 80   | 30   | 74   | 145.0 | 174  | Rc          |

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: 2/8/25



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