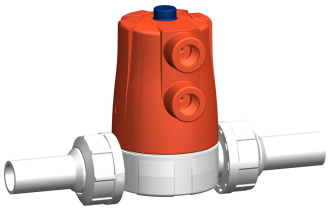
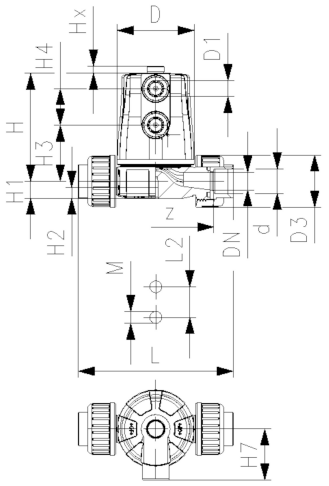
# Data sheet

valid from: 4/7/26






**SYGEF Standard Diaphragm valve type 604**
**Unions with butt fusion spigot metric**

**Model:**

- Material: PVDF
- Compact full plastic design without screws
- High flow rate
- Actuator housing with thread for easy maintenance
- Quick opening & closing times
- For easy installation and removal
- Market standard installation length

**Option:**

- Individual configuration of the valve

* O-Ring material: FKM

| d (mm) | DN (mm) | PN (bar) | kv-value (Δp=1 bar) (l/min) | Actuator | FKM Code | Weight (kg) | PTFE/ EPDM* Code |
|---|---|---|---|---|---|---|---|
| 20 | 15 | 6 | 125 | FC | **185 604 162** | 0.45 | **185 604 132** |
| 20 | 15 | 6 | 125 | FO | **185 604 164** | 0.42 | **185 604 134** |
| 20 | 15 | 6 | 125 | DA | **185 604 165** | 0.40 | **185 604 135** |

| D (mm) | D1_G (inch) | D3 (mm) | H (mm) | H1 (mm) | H2 (mm) | H3 (mm) | H4 (mm) | H7 (mm) | L (mm) | L2 (mm) | M | z (mm) | Lift = Hx (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | ¼ | 43 | 89 | 14 | 12 | 46 | 30 | 42 | 196 | 25 | M6 | 100 | 6 |
| 65 | ¼ | 43 | 89 | 14 | 12 | 46 | 30 | 42 | 196 | 25 | M6 | 100 | 6 |
| 65 | ¼ | 43 | 89 | 14 | 12 | 46 | 30 | 42 | 196 | 25 | M6 | 100 | 6 |

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.

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