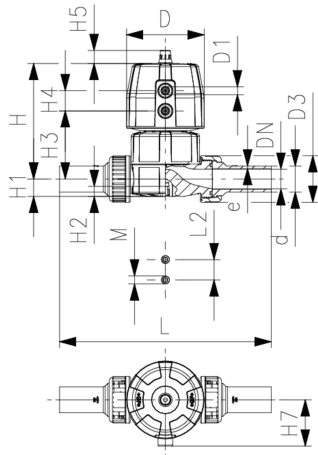
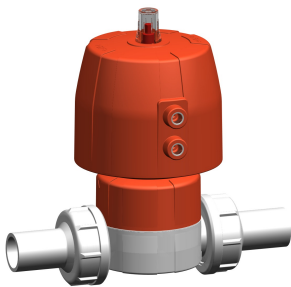




**SYGEF Standard**  
**Diaphragm valve DIASTAR TenPlus**  
**FC (Fail safe to close)**  
**Unions with butt fusion spigots metric**

**Model:**

- Material: PVDF
- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Rotating air connection at 90° intervals
- For easy installation and removal
- Short overall length

**Option:**

- Individual configuration of the valve (see diagram)
- Comprehensive range of accessories available

\* PN: PTFE

Working Pressure: **both sides**

| d<br>(mm) | DN<br>(mm) | PN<br>(psi) | PN*<br>(bar) | kv-value<br>(Δp=1 bar)<br>(l/min) | PTFE/EPDM<br>Code  | SP | Weight<br>(kg) |
|-----------|------------|-------------|--------------|-----------------------------------|--------------------|----|----------------|
| 20        | 15         | 150/150*    | 10/10*       | 125                               | <b>185 684 132</b> | 1  | 1.185          |
| 25        | 20         | 150/150*    | 10/10*       | 271                               | <b>185 684 133</b> | 1  | 1.386          |
| 32        | 25         | 150/150*    | 10/10*       | 481                               | <b>185 684 134</b> | 1  | 2.537          |
| 40        | 32         | 150/150*    | 10/10*       | 759                               | <b>185 684 135</b> | 1  | 3.735          |
| 50        | 40         | 150/150*    | 10/10*       | 1263                              | <b>185 684 136</b> | 1  | 5.757          |
| 63        | 50         | 150/150*    | 10/10*       | 1728                              | <b>185 684 137</b> | 1  | 6.991          |

| d<br>(mm) | PTFE/FKM<br>Code   | SP | Weight<br>(kg) |
|-----------|--------------------|----|----------------|
| 20        | <b>185 684 152</b> | 1  | 1.185          |
| 25        | <b>185 684 153</b> | 1  | 1.386          |
| 32        | <b>185 684 154</b> | 1  | 2.537          |
| 40        | <b>185 684 155</b> | 1  | 3.735          |
| 50        | <b>185 684 156</b> | 1  | 5.757          |
| 63        | <b>185 684 157</b> | 1  | 6.991          |

| d<br>(mm) | D<br>(mm) | D1_G<br>(inch) | H<br>(mm) | H1<br>(mm) | H2<br>(mm) | H3<br>(mm) | H4<br>(mm) | H5<br>(mm) | H7<br>(mm) | L<br>(mm) | L2<br>(mm) | M  | e<br>(mm) | Lift =<br>Hx<br>(mm) |
|-----------|-----------|----------------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|----|-----------|----------------------|
| 20        | 96        | ⅜              | 127       | 14         | 12         | 68         | 25         | 16         | 57         | 196       | 25         | M6 | 1.9       | 7                    |
| 25        | 96        | ⅜              | 132       | 18         | 12         | 73         | 25         | 16         | 57         | 221       | 25         | M6 | 1.9       | 10                   |
| 32        | 120       | ⅝              | 167       | 22         | 12         | 93         | 26         | 26         | 69         | 234       | 25         | M6 | 2.4       | 13                   |
| 40        | 150       | ⅞              | 196       | 26         | 15         | 101        | 36         | 26         | 88         | 260       | 45         | M8 | 2.4       | 15                   |
| 50        | 180       | ⅞              | 239       | 32         | 15         | 124        | 37         | 26         | 103        | 284       | 45         | M8 | 3.0       | 19                   |
| 63        | 180       | ⅞              | 251       | 39         | 15         | 137        | 37         | 26         | 103        | 321       | 45         | M8 | 3.0       | 23                   |

| d<br>(mm) | closest<br>inch<br>(inch) |
|-----------|---------------------------|
| 20        | ⅜                         |
| 25        | ⅝                         |
| 32        | 1                         |
| 40        | 1 ¼                       |
| 50        | 1 ½                       |
| 63        | 2                         |

# Data sheet



valid from: 1/21/18

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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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