



Diaphragm Valve Weir Type

Features

- Flange PN10/16 (525) or ASA150 (535)
- Cast Iron Body Lined
- Rising Handwheel Indicator Bonnet

| Diaphragm Available | Temperature Range |
|--------------------------|-------------------|
| Grade A - Natural Rubber | -30°C to +80°C |
| Grade EP - EPDM | -30°C to +150°C |
| Grade R - Nitrile | -10°C to +90°C |
| Grade N - Neoprene | -25°C to +95°C |
| Grade B - Butyl | -25°C to +120°C |
| Grade H - Hypalon | -15°C to +100°C |
| Grade V - Viton | -5°C to +150°C |
| Grade T - PTFE/Neoprene | -30°C to +120°C |

| Technical Data | | |
|----------------|---------------|-------|
| 15mm to 50mm | 65mm to 150mm | 200mm |
| 16 bar | 10 bar | 7 bar |

| Liners Available | Temperature Range |
|---------------------------|-------------------|
| PFA Lined | -20°C to +175°C |
| PVDF Lined | -10°C to +130°C |
| ECTFE Lined | -5°C to +130°C |
| ETFE Lined | -20°C to +130°C |
| BUTYL Lined | -10°C to +120°C |
| Neoprene Lined | -10°C to +105°C |
| Hard Rubber/Ebonite Lined | -10°C to +85°C |

| N. | Part Name | Materials |
|----|---------------------|---------------------|
| 1 | Body | Cast Iron Lined |
| 2 | Diaphragm | As per list |
| 3 | Bonnet | Cast Iron |
| 4 | Compressor | Cast Iron |
| 4A | Thrust Pad | Delrin/PTFE |
| 6 | Handwheel | Cast Iron |
| 8 | Stem | Stainless Steel 410 |
| 9 | Indicator | Cast Iron |
| 9C | Indicator Cap | Cast Iron |
| 12 | Spring Dowel Sleeve | Spring Steel |

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 |
|----------|-----|-----|-----|-----|-----|------|-----|-----|------|------|------|-----|
| A | 114 | 123 | 133 | 152 | 165 | 196 | 222 | 260 | 313 | 364 | 414 | 529 |
| B (open) | 105 | 115 | 132 | 141 | 180 | 211 | 235 | 305 | 340 | 421 | 490 | 645 |
| T | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| øD | 95 | 115 | 115 | 141 | 150 | 165 | 185 | 200 | 229 | 254 | 285 | 343 |
| F | 12 | 12 | 12 | 15 | 15 | 17.5 | 18 | 19 | 23.8 | 23.8 | 25.4 | 22 |
| øH | 81 | 81 | 100 | 100 | 100 | 180 | 180 | 225 | 225 | 310 | 358 | 471 |
| Kgs | 2.6 | 2.8 | 3.5 | 4.8 | 6.5 | 10.5 | 15 | 22 | 36 | 61 | 89 | 165 |

Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.