



JV52N

**Ductile Iron Body
NBR Lined
Butterfly Valve**

**Length to EN558-1 series 20
Multi-Flange Wafer Type**

PN6/10/16, ANSI 150 & JIS 5/10/16K



Robust butterfly valve with a NBR liner, offering a long life with low maintenance.

The butterfly valve offers quick opening and closing with full flow in either direction and leak tight shut off.

Flange gaskets not needed since the lining that extends onto the faces acts as a gasket.

Approvals, Features & Benefits

- Face to face acc. EN558-1 series 20
- 3.1 certification on request
- ISO 5211 top for direct mount actuation
- Lever operate as standard (40-200mm)**

** Gearbox, electric & pneumatic actuation available

Pressure & Temperature

Pressure range:-
16 Bar

Temperature range:-
0°C to 80°C

| DN | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|------------------------|-------|-------|-------|------|-------|------|-------|------|--------|--------|
| A | 40 | 50 | 65 | 80 | 102 | 127 | 151 | 201 | 252 | 304 |
| B | 61 | 69 | 77 | 98 | 118 | 129 | 140 | 174 | 207 | 249 |
| C | 130 | 141 | 150 | 157 | 168 | 191 | 206 | 237 | 269 | 309 |
| D | 33 | 42 | 46 | 46 | 52 | 56 | 56 | 60 | 68 | 78 |
| E | 11 | 11 | 11 | 11 | 11 | 14 | 14 | 17 | 22 | 22 |
| F | 25 | 25 | 25 | 25 | 25 | 28 | 28 | 28 | 30 | 30 |
| G | 10 | 13 | 13 | 13 | 14 | 14 | 14 | 18 | 18 | 18 |
| H | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 125 | 125 |
| L | 23 | 30 | 49 | 68 | 90 | 114 | 140 | 192 | 243 | 293 |
| K | 3.5 | 4.7 | 11 | 18 | 26 | 35 | 47 | 70 | 91 | 113 |
| M | 232 | 232 | 232 | 232 | 232 | 329 | 329 | 329 | - | - |
| P | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 69 | 69 | 69 | - | - |
| ISO 5221 | F07 | F07 | F07 | F07 | F07 | F07 | F07 | F07 | F10 | F10 |
| Torque (Nm)* | 13.75 | 16.25 | 18.75 | 30 | 43.75 | 60 | 117.5 | 235 | 343.75 | 468.75 |
| Weight Kg (Bare shaft) | 3.65 | 3.75 | 4.1 | 5.1 | 7 | 10.6 | 11.6 | 16.7 | 32.5 | 45.5 |

* Torque calculated at 10 bar wet duty, pressure includes 25% safety, add 25% for dry duty.

MATERIALS (others available on request, contact sales for details)

| | |
|-------|----------------------|
| Body | Ductile Iron (GGG40) |
| Disc | Aluminium Bronze |
| Liner | NBR |
| Shaft | Stainless Steel |