



N500S CF8M SS DISC

Manually operated Wafer butterfly valves.

- Pressure rating: 250 psi water (40°F to 80°F).
- Epoxy coated cast iron wafer body.
- ISO 5211 direct mounting pad/square stem.
- Food grade EPDM resilient seat -30°F to 250°F.
- API609 face to face flange.
- Floating dual shaft disc design.
- MSS SP 67 compliant.
- No pins in disc prevent potential leak points.
- NSF certified for drinking water service (EPDM seats only).

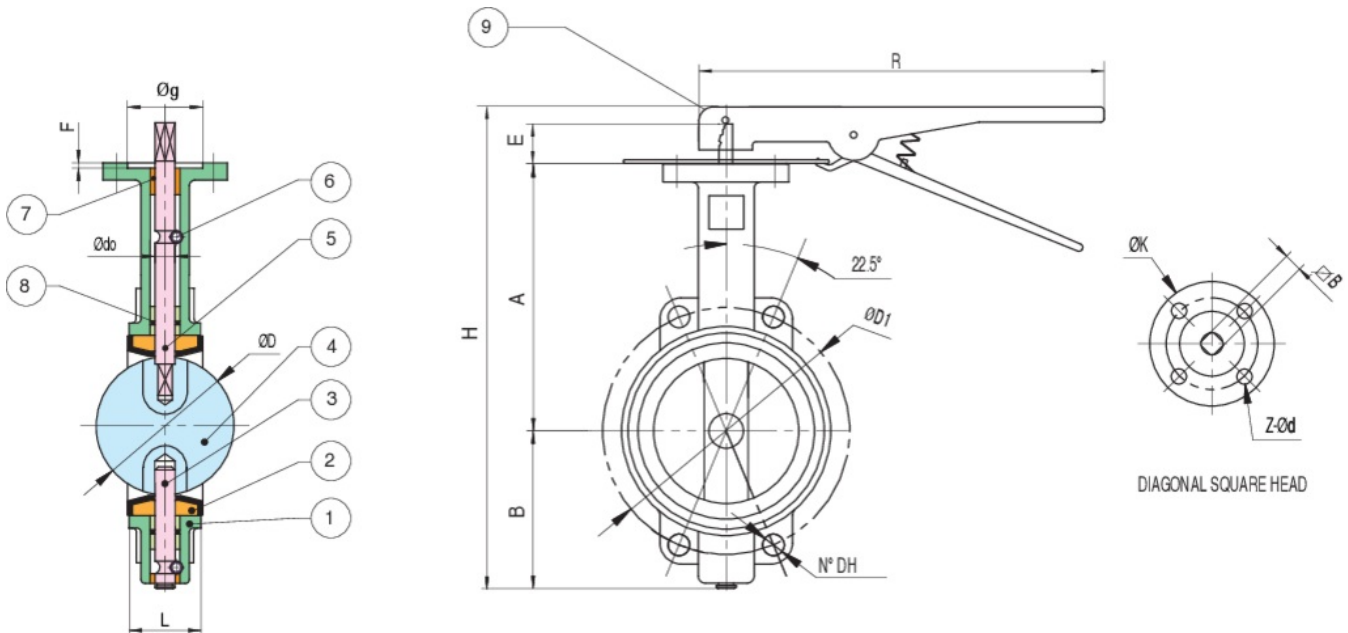
N500N: size 2" to 12".

N500S: size 1 1/2" to 12".

530S: VITON® SEATS - size 2" to 12".

540S: BUNA-N SEATS - size 2" to 12".

Technical specifications



| POSITION | PART NAME | MATERIAL | N.° PIECES |
|----------|--------------|---------------------------|------------|
| 1 | BODY | CAST IRON | 1 |
| 2 | SEAT | EPDM (30F TO 250F) | 1 |
| 3 | LOWER SHAFT | AISI 416 | 1 |
| 4 | DISC 500S | STAINLESS STEEL | 1 |
| 5 | UPPER SHAFT | AISI 416 | 1 |
| 6 | LOCATING PIN | CARBON STEEL | 1 |
| 7 | BUSHING | PTFE | 1 |
| 8 | O-RING | EPDM | 1 |
| 9 | LEVER | EPOXY-COATED CARBON STEEL | 1 |

| SIZE | ISO 5211 | ØB | A | B | L | ØD | E | H | R | ØDO | ØK | Z-D | ØG | F | ØD1 | N°-DH | WEIGHT LBS | SEAT TORQUE 100 PSI | SEAT TORQUE 200 PSI | CV (GPM@ 1 PSI) 50% OP | CV (GPM@ 1 PSI) 100% OP |
|--------|----------|-------|-------|------|------|-------|------|-------|-------|------|------|--------|------|------|-------|--------|------------|---------------------|---------------------|------------------------|-------------------------|
| 1 1/2" | F05 | 9 mm | 5.71 | 2.97 | 1.61 | 1.67 | 0.47 | 9.40 | 10.63 | 0.50 | 3.03 | 4-0.28 | 1.38 | 0.12 | 4.74 | 4-0.75 | 5.0 | 111 | 133 | 35 | 108 |
| 2" | F05 | 9 mm | 6.34 | 3.15 | 1.65 | 2.07 | 0.47 | 10.21 | 10.63 | 0.50 | 3.03 | 4-0.28 | 1.38 | 0.12 | 4.74 | 4-0.75 | 5.5 | 126 | 146 | 49 | 146 |
| 2 1/2" | F05 | 9 mm | 6.89 | 3.50 | 1.76 | 2.54 | 0.47 | 11.11 | 10.63 | 0.50 | 3.03 | 4-0.28 | 1.38 | 0.12 | 5.49 | 4-0.75 | 7.1 | 134 | 167 | 84 | 284 |
| 3" | F05 | 9 mm | 7.13 | 3.74 | 1.78 | 3.10 | 0.47 | 11.59 | 10.63 | 0.50 | 3.03 | 4-0.28 | 1.38 | 0.12 | 6.00 | 4-0.75 | 8.4 | 205 | 223 | 128 | 547 |
| 4" | F07 | 11 mm | 7.87 | 4.49 | 2.05 | 4.09 | 0.63 | 13.24 | 10.63 | 0.62 | 3.54 | 4-0.35 | 2.17 | 0.12 | 7.50 | 4-0.75 | 10.8 | 339 | 386 | 195 | 844 |
| 5" | F07 | 14 mm | 8.34 | 5.00 | 2.14 | 4.85 | 0.75 | 14.34 | 10.63 | 0.75 | 3.54 | 4-0.35 | 2.17 | 0.12 | 8.50 | 4-0.87 | 15.4 | 523 | 602 | 320 | 1375 |
| 6" | F07 | 14 mm | 8.90 | 5.47 | 2.20 | 6.13 | 0.75 | 15.37 | 10.63 | 0.75 | 3.54 | 4-0.35 | 2.17 | 0.12 | 9.50 | 4-0.87 | 17.2 | 677 | 996 | 418 | 1882 |
| 8" | F10 | 17 mm | 10.24 | 6.89 | 2.34 | 7.97 | 0.75 | 18.38 | 14.17 | 0.87 | 4.92 | 4-0.47 | 2.76 | 0.14 | 11.75 | 4-0.87 | 29.1 | 1205 | 1864 | 745 | 3340 |
| 10" * | F10 | 22 mm | 11.50 | 7.99 | 2.58 | 9.86 | 0.94 | 20.93 | 19.68 | 1.12 | 4.92 | 4-0.47 | 2.76 | 1.40 | 14.25 | 4-1.00 | 42.2 | 1890 | 3140 | 1264 | 5475 |
| 12" * | F10 | 22 mm | 13.27 | 9.53 | 3.03 | 11.87 | 0.94 | 24.24 | 19.68 | 1.24 | 5.51 | 4-0.47 | 2.76 | 1.40 | 17.00 | 4-1.00 | 71.5 | 2808 | 4767 | 1905 | 8270 |

*10" and 12" available in bare stem version only.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Certifications



NSF



NSF-ANSI