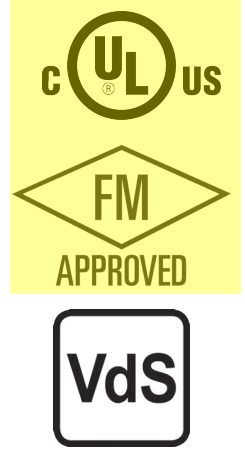


Ductile Iron Lug Body Butterfly Valve

Fire Protection • Lug Style • Ductile Iron Body • Indoor/Outdoor Service • Elastomer Encapsulated Disc • Optional Internal Supervisory Switches • ASME or ENBS Lug Style Connection

300 PSI/ 20.6 Bar Non-Shock Cold Working Pressure
Lug End Connections 2" through 12" Sizes

UL/ULC LISTED •
FM APPROVED • EPOXY COATED

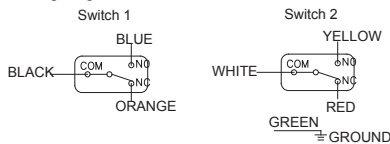


MATERIAL LIST

| PART | SPECIFICATION |
|---------------------------|--|
| 1. Plug | EPDM |
| 2. Body | ASTM A536 65-45-12 |
| 3. O-Ring | Buna |
| 4. Bottom Bushing | UNS S30400 Stainless Steel, PTFE Lined |
| 5. Bottom Stem | ASTM A276 431 Stainless Steel |
| 6. Disc | ASTM A536 65-45-12, EPDM Coated |
| 7. Face Gasket | EPDM |
| 8. Name Plate | Aluminum |
| 9. Hex HD Cap Screw | Carbon Steel Zinc Coated |
| 10. Lock Washer | Steel Zinc Coated |
| 11. O-Ring | Buna |
| 12. Upper Stem | ASTM A276 431 Stainless Steel |
| 13. Upper Bushing | UNS S30400 Stainless Steel, PTFE Lined |
| 14. Cylindrical shear pin | UNS S30400 Stainless Steel |
| 15. Gear Operator W/O SW | ASTM A536 65-45-12 Body |
| 15. Gear Operator W/ SW | ASTM A536 65-45-12 Body |
| 16. Data Plate | Aluminum |

Signal description:

- Switch parameters: 16A 1/2HP 125/250VAC
- Wiring diagram:



LD-4863-8N

With Supervisory Switch

LD-4863-8N-PN16

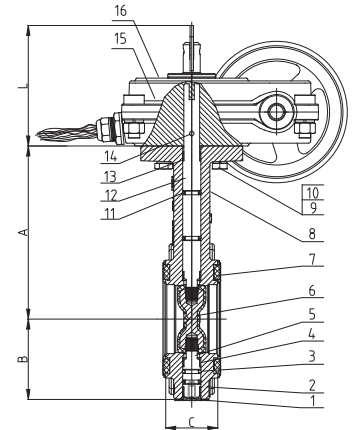
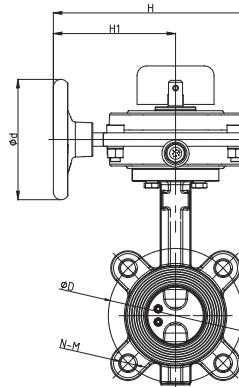
With Supervisory Switch

LD-4863-4N

Without Supervisory Switch

LD-4863-4N-PN16

Without Supervisory Switch



DIMENSIONS — WEIGHTS

| VALVE SIZE | A | | B | | C | | L | H | H1 | CL 150 | | PN16 | | Ød | WEIGHT | | | | | | | | |
|------------|------|-------|-------|-------|------|------|----|------|-------|--------|------------|-------|------------|-------|--------|--------|-------|-----|----------|------|-----|-------|------|
| | inch | mm | inch | mm | inch | mm | | | | D BCØ | #-Fastener | D BCØ | #-Fastener | | lbs | kg | | | | | | | |
| 2 | 50 | 5.52 | 140.5 | 2.56 | 65 | 1.69 | 43 | 4.27 | 108.5 | 7.96 | 202.2 | 5.00 | 127.0 | 4.75 | 120.7 | 4 5/8 | 4.92 | 125 | 4 - M16 | 5.04 | 128 | 21.7 | 9.9 |
| 2½ | 65 | 6.00 | 153.0 | 2.79 | 71 | 1.81 | 46 | 4.27 | 108.5 | 7.96 | 202.2 | 5.00 | 127.0 | 5.50 | 139.7 | 4 5/8 | 5.71 | 145 | 4 - M16 | 5.04 | 128 | 23.1 | 10.5 |
| 3 | 80 | 6.20 | 157.5 | 3.19 | 81 | 1.81 | 46 | 4.27 | 108.5 | 7.96 | 202.2 | 5.00 | 127.0 | 6.00 | 152.4 | 4 5/8 | 6.3 | 160 | 8 - M16 | 5.04 | 128 | 24.6 | 11.1 |
| 4 | 100 | 6.93 | 176.0 | 3.74 | 95 | 2.05 | 52 | 4.27 | 108.5 | 7.96 | 202.2 | 5.00 | 127.0 | 7.50 | 190.5 | 8 5/8 | 7.09 | 180 | 8 - M16 | 5.04 | 128 | 31.7 | 14.4 |
| 5 | 125 | 7.52 | 191.0 | 43.70 | 111 | 2.20 | 56 | 4.27 | 108.5 | 7.96 | 202.2 | 5.00 | 127.0 | 8.50 | 215.9 | 8 3/4 | 8.27 | 210 | 8 - M16 | 5.04 | 128 | 37.5 | 17.0 |
| 6 | 150 | 7.97 | 202.5 | 5.24 | 133 | 2.20 | 56 | 4.27 | 108.5 | 8.46 | 215.0 | 5.49 | 139.5 | 9.50 | 241.3 | 8 3/4 | 9.45 | 240 | 8 - M20 | 8.86 | 225 | 46.8 | 21.3 |
| 8 | 200 | 9.59 | 243.5 | 6.46 | 164 | 2.36 | 60 | 4.27 | 108.5 | 10.79 | 274.0 | 7.81 | 198.5 | 11.75 | 298.5 | 8 3/4 | 11.61 | 295 | 12 - M20 | 8.86 | 225 | 61.9 | 28.1 |
| 10 | 250 | 10.75 | 273.0 | 7.72 | 196 | 2.65 | 68 | 4.27 | 108.5 | 10.79 | 274.0 | 7.81 | 198.5 | 14.25 | 362.0 | 12 7/8 | 13.98 | 355 | 12 - M24 | 8.86 | 225 | 91.5 | 41.5 |
| 12 | 300 | 12.24 | 311.0 | 8.90 | 226 | 3.07 | 78 | 4.65 | 118.0 | 11.56 | 293.5 | 7.81 | 198.5 | 17.00 | 431.8 | 12 7/8 | 16.14 | 410 | 12 - M24 | 8.86 | 225 | 131.5 | 59.7 |

Notes

- Lug style butterfly valve with bolt pattern for flanges ASME B16.1 Class 125 or EN1092 PN16
- Rated operating pressure 300 PSI at temperatures 32°F to 180°F (0°C to 82°C)
- Listed and approved for fire protection as indicating shut off valve UL/ULC/FM and VdS
- Operating disc is EPDM encapsulated ductile iron
- Body is ductile iron coated with fusion bonded epoxy per ANSI/AWWA C550
- Integral EPDM rubber flange face gaskets
- Furnished with or without supervisory switches

Optional Lug Styles

- ASME B16.1 Class 125
- ASME B16.5 class 150
- ASME B16.42 class 150
- EN 1092 PN16