



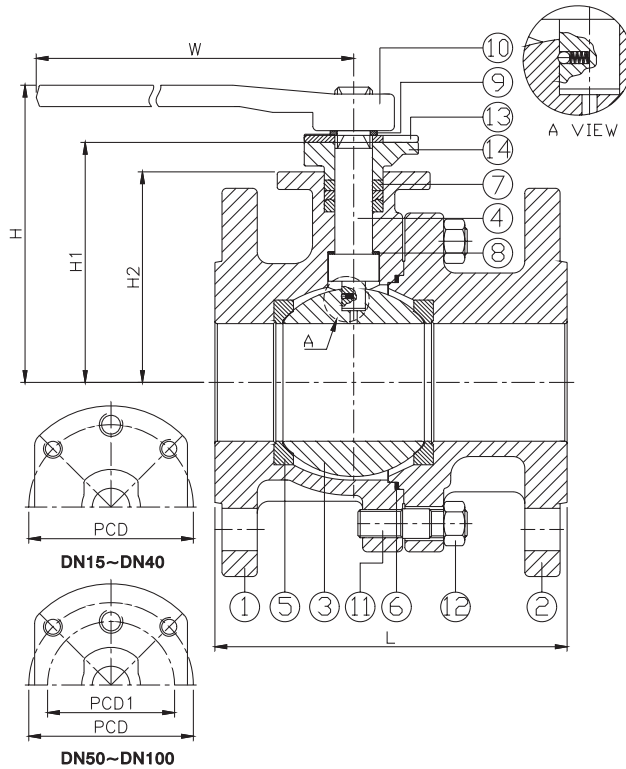
2-PC. FLANGED END BALL VALVE

2019



FEATURES

- Full port, 1/2"~12" (DN15~DN300)
 - W.P. : PN16/40
 - W.T. : -20°C~200°C (-4°F~392°F)
 - Investment casting
 - Blow-out proof stem
 - Anti-static device (option)
 - ISO 5211 Mounting pad
- Flange dimension: DIN 2501
 - Face to face: DIN 3202 part1 - F4/F5



| ITEM | PARTS | MATERIAL | |
|------|----------------|----------------|---------------|
| 1 | BODY | ASTM A351-CF8M | ASTM A216-WCB |
| 2 | CAP | | |
| 3 | BALL | ASTM A351-CF8M | |
| 4 | STEM | ASTM A276-316 | |
| 5 | SEAT | PTFE / RTFE | |
| 6 | SEAL | PTFE | |
| 7 | PACKING | | |
| 8 | THRUST WASHER | | |
| 9 | C SNAP RING | SUS 304 CSP | |
| 10 | HANDLE | CAST IRON | |
| 11 | STUD | AISI 304 | |
| 12 | NUT | | |
| 13 | LOCKING DEVICE | | |
| 14 | GLAND | ASTM A351-CF8 | |

| DN | L | H | H1 | H2 | W | PCD | PCD1 | Torque(N-m) | Weight(kg) |
|-----|-------|-----|-------|-------|-----|-----|------|-------------|------------|
| 15 | 114.5 | 68 | 45 | 33.5 | 130 | 42 | - | 6 | 2.5 |
| 20 | 121.4 | 70 | 48 | 36 | 130 | 42 | - | 6 | 3.1 |
| 25 | 126.7 | 82 | 53 | 42 | 160 | 42 | - | 15 | 4 |
| 32 | 131.2 | 87 | 59.5 | 48 | 160 | 42 | - | 30 | 5.5 |
| 40 | 141.1 | 138 | 96 | 80.5 | 200 | 50 | - | 30 | 7.2 |
| 50 | 150.7 | 147 | 104.5 | 89.5 | 200 | 70 | 50 | 50 | 11.5 |
| 65 | 170.5 | 163 | 125.5 | 108 | 328 | 70 | 62 | 80 | 16.3 |
| 80 | 181.5 | 173 | 135.5 | 117.5 | 328 | 102 | 62 | 90 | 21.2 |
| 100 | 190.8 | 190 | 151 | 133.5 | 328 | 102 | 62 | 120 | 27.6 |

unit:mm

| NPS | L | H | H1 | H2 | W | PCD | PCD1 | Torque(in-lb) | Weight(lb) |
|--------|------|------|------|------|-------|------|------|---------------|------------|
| 1/2" | 4.51 | 2.68 | 1.77 | 1.32 | 5.12 | 1.65 | - | 53.1 | 5.4 |
| 3/4" | 4.78 | 2.76 | 1.89 | 1.42 | 5.12 | 1.65 | - | 53.1 | 6.8 |
| 1" | 4.99 | 3.23 | 2.09 | 1.65 | 6.3 | 1.65 | - | 132.8 | 8.8 |
| 1-1/4" | 5.17 | 3.43 | 2.34 | 1.89 | 6.3 | 1.65 | - | 265.5 | 12.1 |
| 1-1/2" | 5.56 | 5.43 | 3.78 | 3.17 | 7.87 | 1.97 | - | 265.5 | 15.9 |
| 2" | 5.93 | 5.79 | 4.11 | 3.52 | 7.87 | 2.76 | 1.97 | 442.5 | 25.4 |
| 2-1/2" | 6.71 | 6.42 | 4.94 | 4.25 | 12.91 | 2.76 | 2.44 | 708.1 | 35.9 |
| 3" | 7.15 | 6.81 | 5.33 | 4.63 | 12.91 | 4.02 | 2.44 | 796.6 | 46.7 |
| 4" | 7.51 | 7.48 | 5.94 | 5.26 | 12.91 | 4.02 | 2.44 | 1062.1 | 60.9 |

unit:in



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