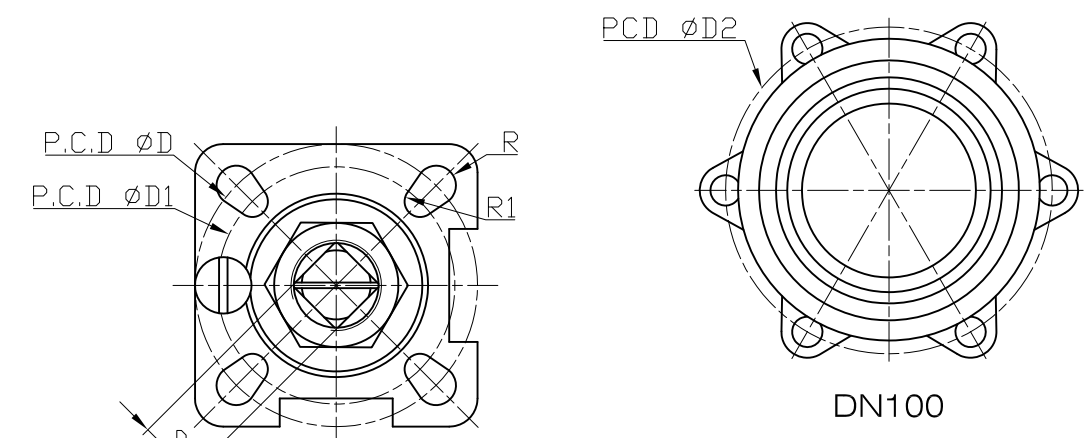


| | | | |
|-------------------|----------|---|-----|
| Ra | 0.2 | ▽ | JIS |
| | 1.6 | ▽ | |
| | 6.3 | ▽ | |
| | 25 | ▽ | |
| GENERAL TOLERANCE | ± 0.1 | | |
| | ± 0.2 | | |
| | ± 0.3 | | |
| | ± 0.5 | | |
| | ± 0.8 | | |
| | 0.5~5 | | |
| | 6~30 | | |
| | 31~120 | | |
| | 121~320 | | |
| | 321~1000 | | |

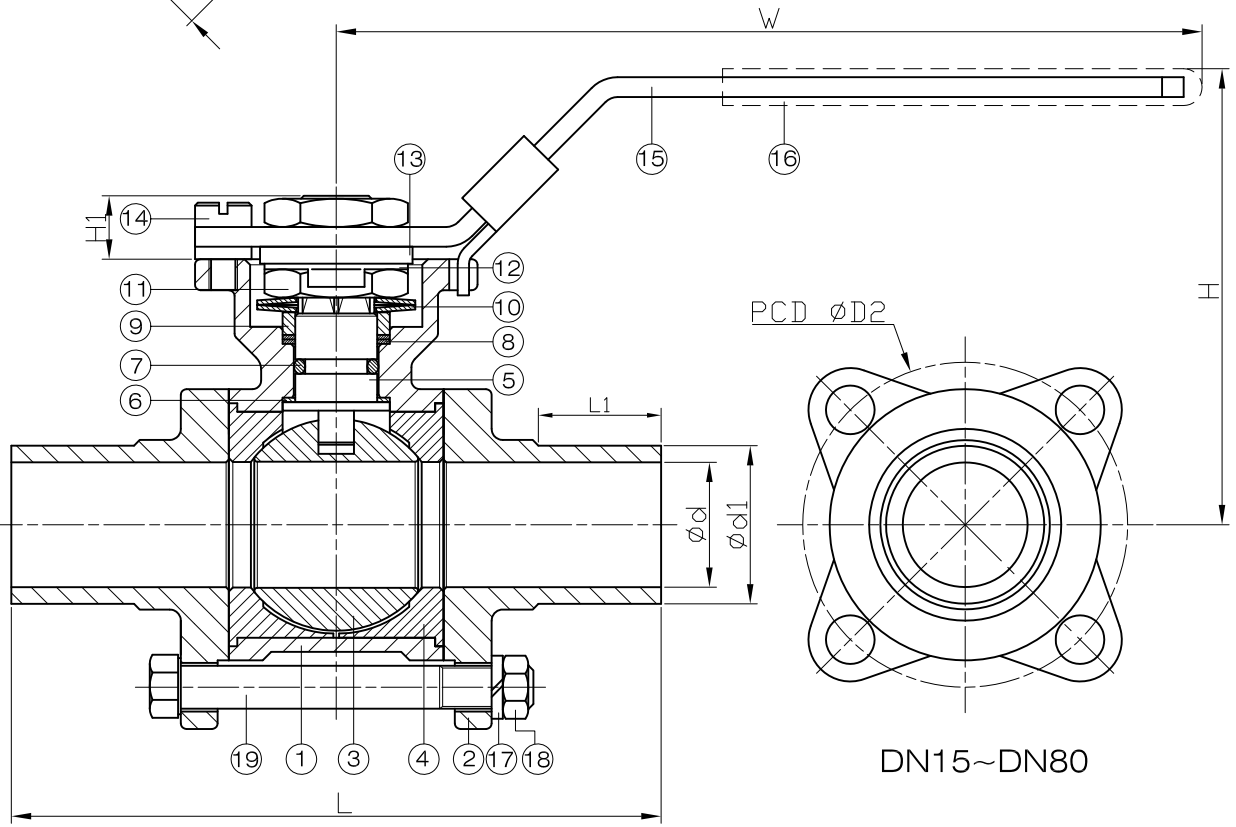


| DN | d | d1 | D | D1 | D2 | R | R1 | S | L1 | L | H | H1 | W |
|-----|------|-------|-----|-----|------|------|------|----|------|-------|-------|----|------|
| 15 | 9.6 | 12.7 | 42 | 36 | 45.5 | 2.75 | 2.75 | 9 | 20 | 90.7 | 121.3 | 9 | 64.7 |
| 20 | 15.8 | 19.1 | 42 | 36 | 47 | 2.75 | 2.75 | 9 | 22.5 | 103 | 121.3 | 11 | 64.7 |
| 25 | 22.1 | 25.4 | 50 | 42 | 57.5 | 3.5 | 2.75 | 11 | 25 | 115 | 150 | 11 | 79 |
| 40 | 34.8 | 38.1 | 70 | 50 | 83 | 4.5 | 3.5 | 14 | 25 | 139 | 150 | 14 | 96.5 |
| 50 | 47.7 | 50.8 | 70 | 50 | 100 | 4.5 | 3.5 | 14 | 25 | 158 | 180 | 14 | 104 |
| 65 | 60.3 | 63.5 | 102 | 70 | 126 | 5.5 | 4.5 | 17 | 25 | 197 | 180 | 17 | 142 |
| 80 | 72.9 | 76.2 | 102 | 70 | 148 | 5.5 | 4.5 | 17 | 25 | 228 | 243.5 | 17 | 150 |
| 100 | 97.5 | 101.6 | 125 | 102 | 183 | 6.5 | 5.5 | 22 | 25 | 241.8 | 285 | 22 | 185 |

unit:mm

| NPS | d | d1 | D | D1 | D2 | R | R1 | S | L1 | L | H | H1 | W |
|--------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| 1/2" | 0.38 | 0.5 | 1.65 | 1.42 | 1.79 | 0.11 | 0.11 | 0.35 | 0.79 | 3.57 | 4.78 | 0.35 | 2.55 |
| 3/4" | 0.62 | 0.75 | 1.65 | 1.42 | 1.85 | 0.11 | 0.11 | 0.35 | 0.89 | 4.06 | 4.78 | 0.43 | 2.55 |
| 1" | 0.87 | 1 | 1.97 | 1.65 | 2.26 | 0.14 | 0.11 | 0.43 | 0.98 | 4.53 | 5.91 | 0.43 | 3.11 |
| 1-1/2" | 1.37 | 1.5 | 2.76 | 1.97 | 3.27 | 0.18 | 0.14 | 0.55 | 0.98 | 5.47 | 5.91 | 0.55 | 3.8 |
| 2" | 1.88 | 2 | 2.76 | 1.97 | 3.94 | 0.18 | 0.14 | 0.55 | 0.98 | 6.22 | 7.09 | 0.55 | 4.09 |
| 2-1/2" | 2.37 | 2.5 | 4.02 | 2.76 | 4.96 | 0.22 | 0.18 | 0.67 | 0.98 | 7.76 | 7.09 | 0.67 | 5.59 |
| 3" | 2.87 | 3 | 4.02 | 2.76 | 5.83 | 0.22 | 0.18 | 0.67 | 0.98 | 8.98 | 9.59 | 0.67 | 5.91 |
| 4" | 3.84 | 4 | 4.92 | 4.02 | 7.2 | 0.26 | 0.22 | 0.87 | 0.98 | 9.52 | 11.22 | 0.87 | 7.28 |

unit:in



| ITEM | PARTS | MATERIAL | |
|------|-------------------|----------------|----------------|
| 1 | BODY | ASTM A351-CF3M | ASTM A351-CF8M |
| 2 | CAP | | |
| 3 | BALL | ASTM A276-316 | |
| 4 | SEAT | PTFE / TFM1600 | |
| 5 | STEM | ASTM A276-316 | |
| 6 | THRUST WASHER | PTFE | |
| 7 | O-RING | VITON | |
| 8 | PACKING | PTFE | |
| 9 | GLAND RING | AISI 304 | |
| 10 | BELLEVILLE WASHER | AISI 301 | |
| 11 | NUT | AISI 304 | |
| 12 | LOCK WASHER | | |
| 13 | FLAT WASHER | | |
| 14 | STOP PIN | | |
| 15 | HANDLE | PVC | |
| 16 | HANDLE SLEEVE | | |
| 17 | SPRING WASHER | AISI 304 | |
| 18 | NUT | | |
| 19 | BOLT | | |

Delta Stainless Ltd
www.deltastainless.co.uk

| | | | | |
|----------|------------|-------------|---------------|--|
| CHECK BY | DRAWING BY | DATE | SPECIFICATION | 3-PC Butt Weld End Ball Valve 1000 WOG |
| | Julie | Mar.13.2009 | MATERIAL | ASTM A351-CF3M |
| | | | PROCESS/Nr. | |
| | | | UNIT / SCALE | mm |

| | | | |
|----------------------------|-------------|------|---------|
| △ | | | |
| △ | | | |
| △ | | | |
| Revise | Description | Date | Approve |
| DRAWING NO. 2012CD000HD-09 | | | |