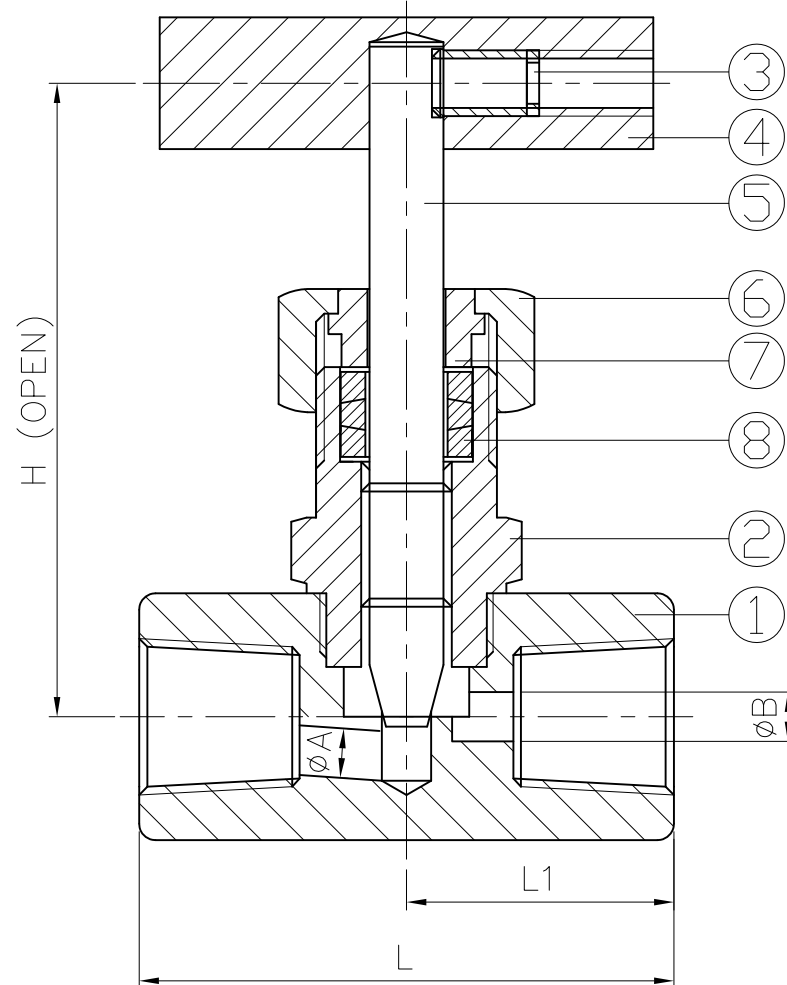


| | | | |
|-------------------|--|------------------------------|-----|
| Ra | 0.2 | ▽▽▽▽ | JIS |
| | 1.6 | ▽▽▽ | |
| | 6.3 | ▽▽ | |
| | 25 | ▽ | |
| GENERAL TOLERANCE | ±0.1 0.5~5 6~30 31~120 121~320 321~1000 | ±0.2 ±0.3 ±0.5 ±0.8 | |

HAITIMA CORPORATION
 P.O.BOX 34-36 TAIPEI
 Tel:+886-2-26585800
 E-mail:haitima@seed.net.tw
 www.haitima.com.tw
 TAIWAN R.O.C.
 Fax:+886-2-26582266



| DN | A | B | H | L1 | L | Weight (Kg) |
|----|---|---|----|----|----|-------------|
| 8 | 5 | 6 | 75 | 29 | 58 | 0.35 |

unit:mm

| NPS | A | B | H | L1 | L | Weight (lb) |
|------|-----|------|------|------|------|-------------|
| 1/4" | 0.2 | 0.24 | 2.95 | 1.14 | 2.28 | 0.8 |

unit:in

- * Investment Casting
- * Screwed-In Bonnet
- * Rising Stem
- * T Handle Operation
- * Connecting Threads:
ANSI B2.1
BS21
DIN

| ITEM | PARTS | MATERIAL |
|------|-----------|----------------|
| 1 | BODY | ASTM A351-CF8M |
| 2 | BONNET | |
| 3 | SET SCREW | SS 304 |
| 4 | HANDLE | SS 410 |
| 5 | STEM | SS 316 |
| 6 | GLAND NUT | SS 304 |
| 7 | GLAND | |
| 8 | PACKING | TEFLON |

| | | | |
|-------------|-------------|---------------|---------|
| △ | | | |
| △ | | | |
| △ | | | |
| Revise | Description | Date | Approve |
| DRAWING NO. | | 2032015JO -13 | |



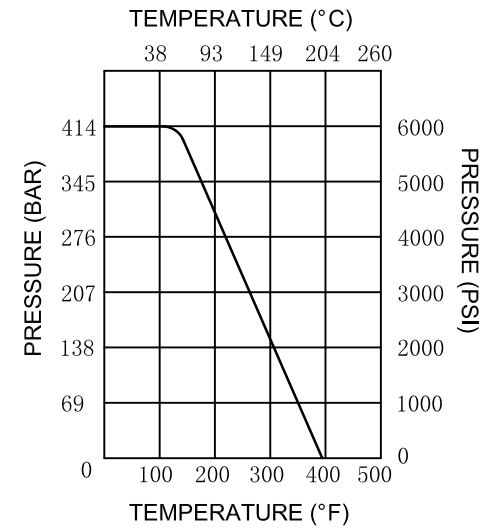
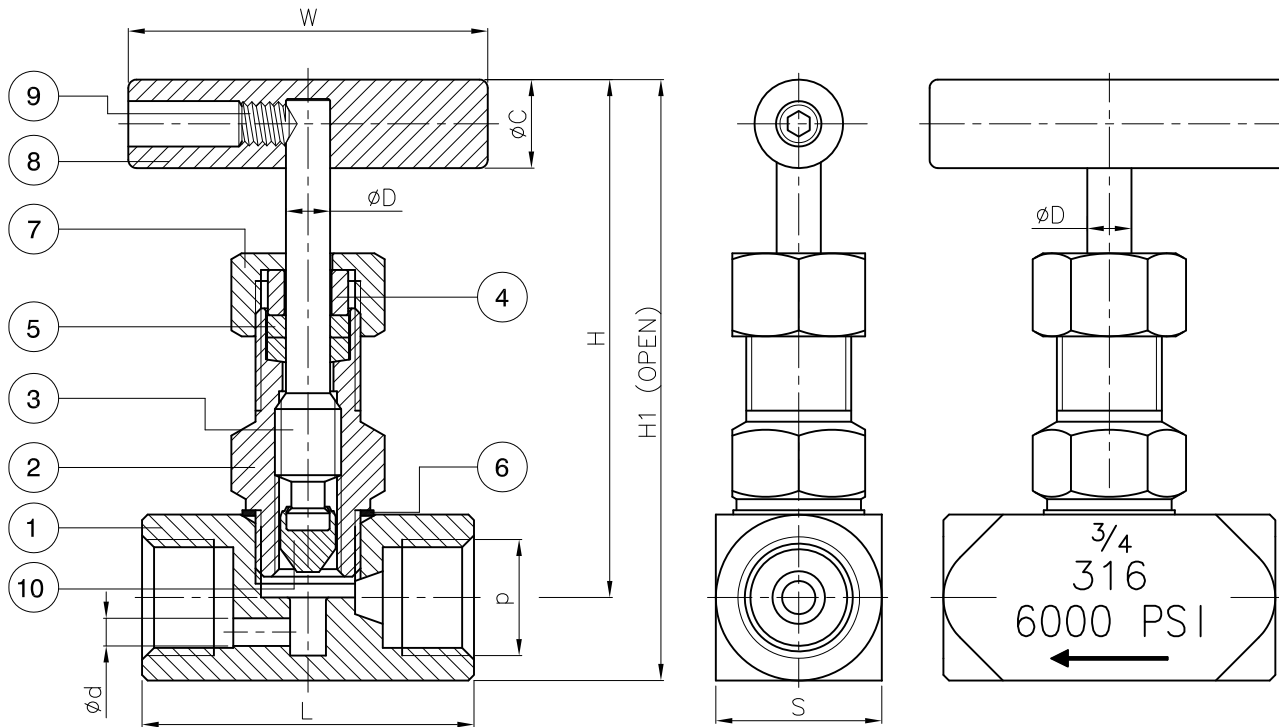
HAITIMA CORPORATION
Ball Valves

| | | | | |
|----------|------------|-------------|---------------|-----------------------|
| CHECK BY | DRAWING BY | DATE | SPECIFICATION | Needle Valve 6000 PSI |
| | Ray | Feb.05.2013 | MATERIAL | CF8M |
| | | | PROCESS/Nr. | |
| | | | UNIT / SCALE | mm |

| | | |
|-------------------|-----------|-----|
| Ra | 0.2 | ▽▽▽ |
| | 1.6 | ▽▽ |
| | 6.3 | ▽ |
| | 25 | ~ |
| GENERAL TOLERANCE | unit (in) | |
| ±0.004 | ±0.0004 | |
| ±0.008 | ±0.0012 | |
| ±0.012 | ±0.0012 | |
| ±0.02 | ±0.002 | |
| ±0.031 | ±0.0031 | |

E-mail: haitima@ms8.hinet.net
 TAIWAN R.O.C. www.haitima.com.tw
 Tel: 886-2-2658266

HAITIMA CORPORATION
 P.O. BOX 34-36 TAIPEI
 Tel: 886-2-26585800



| SIZE | CV |
|------|------|
| 1/4" | 0.4 |
| 3/8" | 0.4 |
| 1/2" | 0.75 |
| 3/4" | 0.9 |
| 1" | 1.8 |

unit: Usgal/min

| DN | d | P | L | W | H | H1 | S | C | D | Torque (N-m) | Weight(kg) |
|----|---|------|----|----|-----|-----|----|----|----|--------------|------------|
| 10 | 3 | 3/8" | 50 | 60 | 67 | 85 | 25 | 13 | 7 | 4.3 | 0.3 |
| 15 | 4 | 1/2" | 60 | 65 | 86 | 107 | 30 | 16 | 8 | 4.5 | 0.5 |
| 20 | 5 | 3/4" | 65 | 65 | 88 | 111 | 35 | 16 | 8 | 4.5 | 0.7 |
| 25 | 7 | 1" | 83 | 80 | 100 | 130 | 46 | 19 | 10 | 4.7 | 1.4 |

unit:mm

| NPS | d | P | L | W | H | H1 | S | C | D | Torque (in-lb) | Weight(lb) |
|------|------|------|------|------|------|------|------|------|------|----------------|------------|
| 3/8" | 0.12 | 3/8" | 1.97 | 2.36 | 2.64 | 3.35 | 0.98 | 0.51 | 0.28 | 38.1 | 0.7 |
| 1/2" | 0.16 | 1/2" | 2.36 | 2.56 | 3.39 | 4.21 | 1.18 | 0.63 | 0.31 | 39.8 | 1.2 |
| 3/4" | 0.2 | 3/4" | 2.56 | 2.56 | 3.46 | 4.37 | 1.38 | 0.63 | 0.31 | 39.8 | 1.5 |
| 1" | 0.28 | 1" | 3.27 | 3.15 | 3.94 | 5.12 | 1.81 | 0.75 | 0.39 | 41.6 | 3.1 |

unit:in

| ITEM | PARTS | MATERIAL | |
|------|--------------|-------------|------|
| | | 1 | BODY |
| 2 | BONNET | | |
| 3 | STEM | SS 316 | |
| 4 | GLAND | SS 316 | |
| 5 | PACKING | PTFE | |
| 6 | BODY SEAL | PTFE | |
| 7 | GLAND NUT | SS 316 | S15C |
| 8 | HANDLE | SS 410 | |
| 9 | FIXING SCREW | ALLOY STEEL | |
| 10 | DISC | SS 316 | |

| | | | |
|-------------|-------------|----------------|---------|
| △ | | | |
| △ | | | |
| △ | | | |
| Revise | Description | Date | Approve |
| DRAWING NO. | | 2032001JH -13A | |



| | | | | |
|----------|------------|-------------|---------------|------------------------|
| CHECK BY | DRAWING BY | DATE | SPECIFICATION | Needle Valves 6000 PSI |
| | Ray | Feb.05.2013 | MATERIAL | SS 316/CARBON STEEL |
| | | | PROCESS/Nr. | |
| | | | UNIT / SCALE | mm |