



| SIZE | d | L | D | T | G | f | BOLT HOLE | | | A | H | W | F | K | J | M | CYLINDER SIZE | Q, TY |
|------|-----|-----|-----|----|-----|---|-----------|---|----|-------|-----|-------|------|------|------|-----|---------------|-------|
| | | | | | | | C | n | h | | | | | | | | | |
| 15 | 15 | 108 | 95 | 12 | 51 | 1 | 70 | 4 | 15 | 47.5 | 175 | 135.5 | 42 | 29 | G1/8 | 43 | AT051US4 | |
| 20 | 20 | 117 | 100 | 14 | 56 | 1 | 75 | 4 | 15 | 51 | 199 | 153.5 | 48.5 | 36 | G1/8 | 50 | AT101US08 | |
| 25 | 25 | 127 | 125 | 14 | 67 | 1 | 90 | 4 | 19 | 56 | 202 | 153.5 | 48.5 | 36 | G1/8 | 50 | AT101US08 | |
| 32 | 32 | 140 | 135 | 16 | 76 | 2 | 100 | 4 | 19 | 60 | 245 | 203.5 | 50.5 | 42.5 | G1/8 | 60 | AT201US08 | |
| 40 | 40 | 165 | 140 | 16 | 81 | 2 | 105 | 4 | 19 | 75 | 264 | 241 | 56.5 | 49.5 | G1/8 | 65 | AT251US08 | |
| 50 | 50 | 178 | 155 | 16 | 96 | 2 | 120 | 4 | 19 | 81.5 | 298 | 259 | 63 | 55.5 | G1/4 | 76 | AT301US08 | |
| 65 | 65 | 190 | 175 | 18 | 116 | 2 | 140 | 4 | 19 | 89.5 | 348 | 333 | 77 | 69.5 | G1/4 | 93 | AT401US08 | |
| 80 | 80 | 203 | 185 | 18 | 126 | 2 | 150 | 8 | 19 | 90.5 | 395 | 333 | 77 | 69.5 | G1/4 | 93 | AT401US08 | |
| 100 | 100 | 229 | 210 | 18 | 151 | 2 | 175 | 8 | 19 | 104.5 | 471 | 422.5 | 93 | 88 | G1/4 | 110 | AT501US08 | |

| SPEC. | | TEST PRESSURE | |
|--------|---------------------------------------|---------------|--|
| FLUID | 清水 | SHELL | HYDRO 2.1 MPa (21.4kgf/cm ²) |
| PRESS. | 0.98 MPa (10 kgf/cm ²) 以下 | SEAT | AIR 0.6 MPa (6.1kgf/cm ²) |
| TEMP. | 常温 ℃ | | AIR (MPa (kgf/cm ²)) |

注) 上記の流体条件と異なる場合
シリンダサイズが変更になる場合があります。

| TORQUE CYLINDER | | | |
|-----------------|-----------------------------------|--------------------|---------|
| TYPE | ATUS | | |
| ACTION | SINGLE | OPERATION PROPERTY | ON-OFF |
| SUPPLY PRESSURE | 0.39 MPa (4 kgf/cm ²) | HAND DEVICE | NOTHING |

OPERATION
PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN
PORT2 AIR FAILURE : RIGHT TURN - VALVE SHUT

FACE TO FACE : JIS B 2002
END FLANGED : JIS B 2220

| | | | | |
|-----|-----------------|------|----------|----------------|
| 21 | CAP HEAD BOLT | 1 | SUS 304 | |
| 20 | INDICATOR | 1 | SCS 13 | |
| *19 | HEXAGON BOLT | 2 | SUS 304 | *EXCEPT 15-65A |
| 18 | TORQUE CYLINDER | 1 | | |
| 17 | HEXAGON BOLT | 4 | SUS 304 | |
| 16 | COUPLING | 1 | SCS 13 | |
| 15 | BRACKET | 1 | SCS 13 | |
| 14 | HEXAGON NUT | 4 | SUS 304 | |
| 13 | GLAND BOLT | 2 | SUS 304 | |
| 12 | BODY CAP BOLT | *4 | SUS 304 | *50-100A 6 |
| 11 | STEM BEARING | 1 | P.T.F.E. | GLASS FILLED |
| 10 | GLAND PACKING | 1SET | P.T.F.E. | |
| 9 | THRUST BEARING | 1 | P.T.F.E. | GLASS FILLED |
| 8 | GASKET PACKING | 1 | P.T.F.E. | |
| 7 | BALL SEAT | 2 | P.T.F.E. | GLASS FILLED |
| 6 | GLAND | 1 | SCS 13 | |
| 5 | GLAND SLEEVE | 1 | SUS 316 | |
| 4 | STEM | 1 | SUS 316 | |
| 3 | BALL DISC | 1 | SCS 14A | |
| 2 | BODY CAP | 1 | SCS 14A | |
| 1 | BODY | 1 | SCS 14A | |

| No. | NAME OF PARTS | Q. TY | MATERIALS | REMARKS |
|---|---------------|-------------|-----------|---------|
| NAME JIS 10K FLANGED ENDS TORQUE CYLINDER OPE. STRAIGHT WAY BALL VALVES | | | | |
| TYPE | J-715HYS2 | SIZE | 15~100A | |
| DMG.No. | BAAS-5201 | APPROVED BY | K. Yumoto | |
| DATE | APR. 7.2011. | CHECKED BY | A. Ashida | |
| SCALE | : | DESIGNED BY | --- | |
| THIRD ANGLE PROJECTION METHOD | | DRAWN BY | H. Miura | |

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