



Shanghai Tianfa Trading Co., Ltd.

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OPEN-TYPE BALL VALVE

MAIN PARTS AND MATERIALS

| Type | | Accessory name | Materials | | |
|--|------------------------|--------------------------------------|------------------------------|--------------------------------------|---------------------------------------|
| Q21F-64C/P/R Internal thread Q41F-64C/P/R Flange Q11F-64C/P/R External thread Q11F-64C/P/R Welding three-section type (butt welding, socket joint welding) | | Body | WCB、45 | CF8、304 | CF8M、316 |
| | | Seat | WCB、45 | CF8、304 | CF8M、316 |
| | | Ball | 1Cr18Ni9Ti | 0Cr18Ni9Ti | 0Cr17Ni12Mo2 |
| | | Seat | RPTFE Counterpoint polyphony | | |
| | | Stem | 2Cr13 | 0Cr18Ni9Ti | 0Cr17Ni12Mo2 |
| | | Pressure disk | PTFE Combined gasket | | |
| | | Stem stuffing | V-shaped PTFE Graphite | | |
| | | Bolt | 35 | 304 | |
| | | Hex nut | 35 | 304 | |
| | | Spring washer | Clamp nut | 304 | |
| | | Spring washer | 35 | 304 | |
| | | Medium carbon | Clamp nut | 304 | |
| | | Nut | 35 | 304 | |
| | | Wrench | 1Cr18Ni9Ti | 304 | |
| | | Wrench cover | Plastics | | |
| | Lock instrument | 1Cr18Ni9Ti | 304 | | |
| Applicable Operating Mode | Applicable medium | Water, vapor, and oil products, etc. | | Corrosion medium such as Nitric acid | Corrosion medium such as Acetic acid. |
| | Applicable temperature | -28~350℃ | | | |
| Applicable Specification | Pipe screw standard | DIN259/2999 | GB7307-87 | NPT BSPT | |
| | Flanged standard | JB79-59、SH3406、GB9113、HG20592-97 | | | |
| | Screw standard | GB196 | | | |

MAIN TYPES AND CONNECTION DIMENSIONS

| Nominal diameter | G | D | D | | | D2 | L | | | L1 | H | | | W | | |
|------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | Q11F | Q11F | Q11F | Q41F | Q21F | Q41F | Q11F | Q41F | Q21F | Q21F | Q11F | Q41F | Q21F | Q11F | Q41F | Q21F |
| 6 | 1/4 | 30 | 8 | — | 8 | — | 60 | — | 85 | 15 | 56 | — | 56 | 110 | — | 110 |
| 10 | 3/8 | 31 | 10 | — | 10 | — | 60 | — | 85 | 16 | 58 | — | 58 | 110 | — | 110 |
| 15 | 1/2 | 32 | 10 | 10 | 10 | 18 | 60 | 92 | 85 | 18 | 58 | 60 | 58 | 110 | 110 | 110 |
| 20 | 3/4 | 38 | 13.5 | 13.5 | 13.5 | 20 | 67.3 | 106 | 90 | 18 | 62 | 65 | 62 | 110 | 110 | 110 |
| 25 | 1 | 45 | 18 | 18 | 18 | 24 | 73 | 109 | 100 | 20 | 62 | 70 | 68 | 110 | 110 | 110 |
| 32 | 1 1/4 | 53.4 | 22 | 22 | 22 | 32 | 90 | 126 | 120 | 20 | 75 | 85 | 75 | 150 | 145 | 150 |
| 40 | 1 1/2 | 63 | 26 | 26 | 26 | 38 | 97.5 | 136 | 135 | 25 | 83 | 90 | 83 | 150 | 145 | 150 |
| 50 | 2 | 71 | 32.8 | 32.8 | 32.8 | 46 | 112 | 154 | 140 | 25 | 90 | 98 | 90 | 150 | 177 | 180 |
| 65 | 2 1/2 | 92 | 46 | 46 | — | 60 | 140 | 170 | — | — | 95 | 110 | — | 180 | 190 | — |