



**Rubinerterie Italiane Velatta SpA**

— since 1950 —

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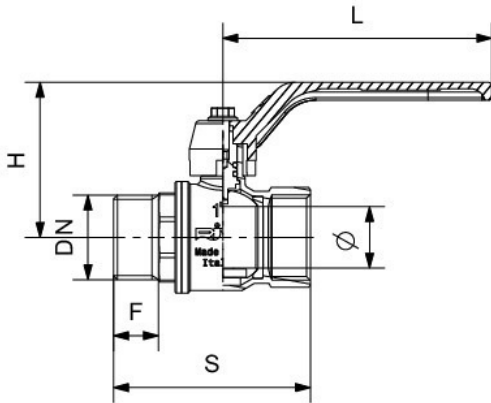
**Series**



## RIV 4330

Ball valve M/F  
full bore  
aluminium lever handle

### » Tech drawings and tables



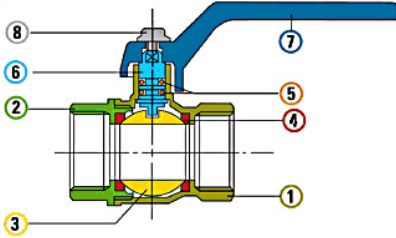
| DN    | Code         | Ø    | H   | S   | L   | F    | PN | KG    | P/box |
|-------|--------------|------|-----|-----|-----|------|----|-------|-------|
| 1/4"  | 024330000002 | 8    | 46  | 45  | 80  | 10,5 | 40 | 0,099 | 50    |
| 3/8"  | 024330000003 | 10   | 48  | 48  | 80  | 10,5 | 40 | 0,121 | 50    |
| 1/2"  | 024330000004 | 14,5 | 50  | 55  | 80  | 13   | 40 | 0,151 | 30    |
| 3/4"  | 024330000005 | 19   | 57  | 65  | 90  | 14   | 32 | 0,255 | 10    |
| 1"    | 024330000007 | 24   | 60  | 77  | 90  | 17   | 32 | 0,383 | 10    |
| 1"1/4 | 024330000008 | 30,5 | 73  | 87  | 120 | 17   | 25 | 0,630 | 8     |
| 1"1/2 | 024330000009 | 37   | 86  | 101 | 135 | 19   | 25 | 0,905 | 6     |
| 2"    | 024330000011 | 47   | 98  | 117 | 160 | 21   | 25 | 1,460 | 4     |
| 2"1/2 | 024330000013 | 60   | 110 | 136 | 160 | 30   | 25 | 2,103 | 1     |
| 3"    | 024330000014 | 75   | 148 | 157 | 265 | 33   | 16 | 3,527 | 1     |
| 4"    | 024330000016 | 94   | 163 | 189 | 265 | 40   | 16 | 6,096 | 1     |

### » Approvals



» Technical data

Art. 4170



| Materials |          |           |        |               |
|-----------|----------|-----------|--------|---------------|
| 1         | Body     | Brass     | CW617N | Nickel-plated |
| 2         | Body end | Brass     | CW617N | Nickel-plated |
| 3         | Ball     | Brass     | CW617N | Chrome-plated |
| 4         | Seats    | P.T.F.E.  |        |               |
| 5         | O-Ring   | NBR       |        |               |
| 6         | Stem     | Brass     | CW614N |               |
| 7         | Lever    | Aluminium |        |               |
| 8         | Screw    | Steel     |        | Zinc-plated   |

|             |  |
|-------------|--|
| Connections | ISO 228/1, ANSI B1.20.1 (NPT)  |
| Limit       | -20°C (without liquid) +110°C  |
| Notes       | The max.working pressure (PN) means at a room temperature of about 23°C. |



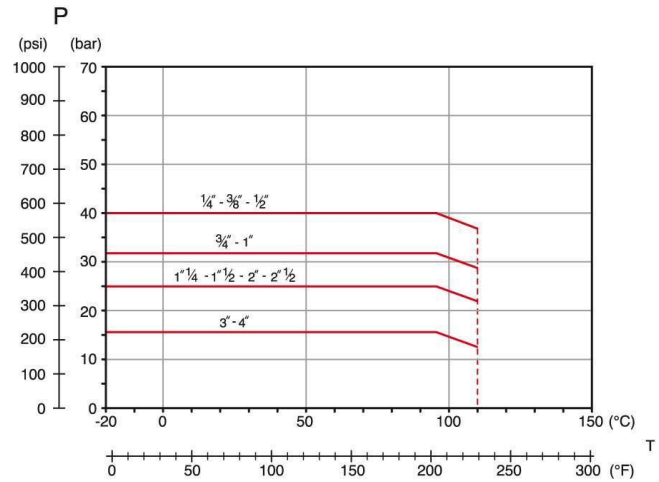
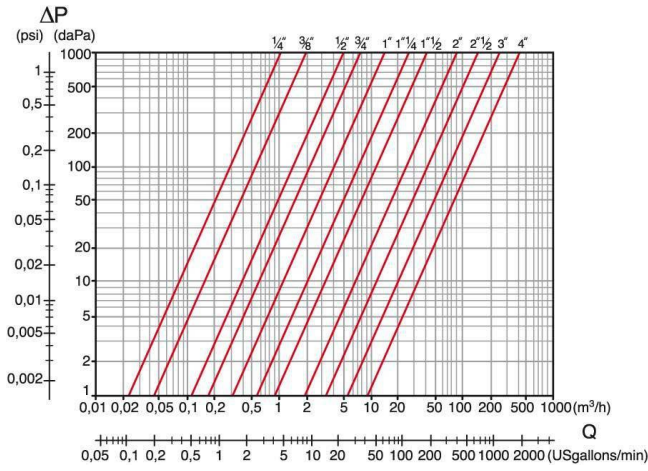
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» Pressure Loss Chart

» Temperature/Pressure



» Kv & Cv Coefficients

| Size   | Kv     | Cv     |
|--------|--------|--------|
| 1/4"   | 3,6    | 4,2    |
| 3/8"   | 6,6    | 76,0   |
| 1/2"   | 16,5   | 19,1   |
| 3/4"   | 25,0   | 29,0   |
| 1"     | 46,0   | 53,0   |
| 1 1/4" | 87,0   | 101,0  |
| 1 1/2" | 140,0  | 162,0  |
| 2"     | 275,0  | 318,0  |
| 2 1/2" | 500,0  | 578,0  |
| 3"     | 850,0  | 983,0  |
| 4"     | 1350,0 | 1562,0 |

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» More Products



**RIV 4170**

Ball valve F/F  
full bore  
aluminium lever handle



**RIV 4171**

Ball valve F/F  
full bore  
steel lever handle



**RIV 4172**

Ball valve F/F  
NPT threads  
full bore  
steel lever handle



**RIV 4173**

Ball valve F/F  
NPT threads  
full bore  
aluminium sealing butterfly handle



**RIV 4174**

Ball valve F/F  
full bore  
aluminium sealing butterfly handle



**RIV 4330**

Ball valve M/F  
full bore  
aluminium lever handle



**RIV 4331**

Ball valve M/F  
full bore  
steel lever handle



**RIV 4334**

Ball valve M/F  
full bore  
aluminium sealing butterfly handle

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**RIV 4574**

Ball valve M/F with hose-union  
full bore  
aluminium sealing butterfly handle



**RIV 4600**

Ball valve with compression ends  
for copper pipe  
full bore  
red steel lever handle



**RIV 4601**

Ball valve with compression ends  
for copper pipe  
full bore  
blue steel lever handle

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