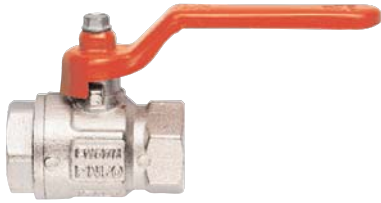


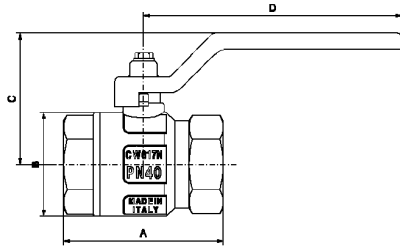
BALL VALVES AND GATE VALVES

2

090 IDEAL[®] BALL VALVE, FULL FLOW



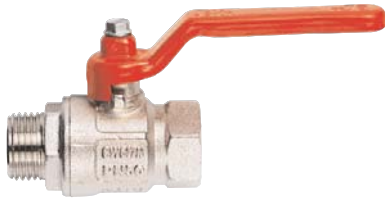
SUITABLE FOR DOMESTIC WATER SERVICES, HEATING AND AIR-CONDITIONING PLANTS, COMPRESSED AIR SYSTEMS.



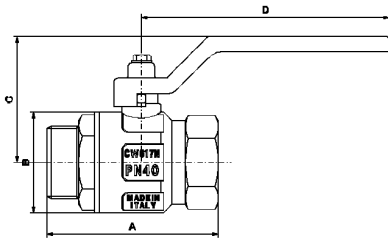
Female/female threads
Lever handle in steel
 Body in nickel-plated brass
 Minimum and maximum working temperatures:
 -20°C, 150°C in absence of steam.
 Threads: ISO228
 (equivalent to DIN259 and BS2779)

| SIZE | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|---|------|------|------|------|------|--------|--------|-------|--------|-----|-----|
| A (mm) | 44.4 | 44.4 | 50.5 | 57.5 | 70 | 80.5 | 94 | 112.5 | 134.5 | 157 | 190 |
| B (mm) | 23.5 | 24 | 30.5 | 37 | 45.5 | 57 | 70 | 84 | 109 | 131 | 164 |
| C (mm) | 37 | 37 | 41 | 55 | 59 | 74.5 | 80.5 | 96.5 | 116 | 133 | 148 |
| D (mm) | 80 | 80 | 80 | 113 | 113 | 137.5 | 137.5 | 157 | 197 | 250 | 250 |
| WORKING PRESSURE Kg/cm ² bar | 50 | 50 | 50 | 40 | 40 | 30 | 30 | 25 | 18 | 16 | 14 |
| WORKING PRESSURE psi | 710 | 710 | 710 | 570 | 570 | 430 | 430 | 360 | 260 | 230 | 200 |

091 IDEAL[®] BALL VALVE, FULL FLOW



SUITABLE FOR DOMESTIC WATER SERVICES, HEATING AND AIR-CONDITIONING PLANTS, COMPRESSED AIR SYSTEMS.



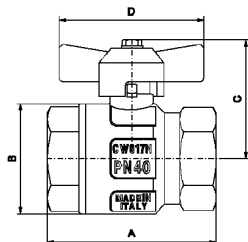
Male/female threads
Lever handle in steel
 Body in nickel-plated brass
 Minimum and maximum working temperatures:
 -20°C, 150°C in absence of steam.
 Threads: ISO228
 (equivalent to DIN259 and BS2779)

| SIZE | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|---|------|------|------|------|------|--------|--------|------|
| A (mm) | 54 | 54 | 58.5 | 66.5 | 76.5 | 91.5 | 105 | 122 |
| B (mm) | 23.5 | 24 | 30.5 | 37 | 45.5 | 57 | 70 | 84 |
| C (mm) | 37 | 37 | 41 | 55 | 59 | 74.5 | 80.5 | 96.5 |
| D (mm) | 80 | 80 | 80 | 113 | 113 | 137.5 | 137.5 | 157 |
| WORKING PRESSURE Kg/cm ² bar | 50 | 50 | 50 | 40 | 40 | 30 | 30 | 25 |
| WORKING PRESSURE psi | 710 | 710 | 710 | 570 | 570 | 430 | 430 | 360 |

092 IDEAL[®] BALL VALVE, FULL FLOW



SUITABLE FOR DOMESTIC WATER SERVICES, HEATING AND AIR-CONDITIONING PLANTS, COMPRESSED AIR SYSTEMS.



Female/female threads
T handle in aluminium
 Body in nickel-plated brass
 Minimum and maximum working temperatures:
 -20°C, 150°C in absence of steam.
 Threads: ISO228
 (equivalent to DIN259 and BS2779)

| SIZE | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" |
|---|------|------|------|------|------|--------|
| A (mm) | 44.4 | 44.4 | 50.5 | 57.5 | 70 | 80.5 |
| B (mm) | 23.5 | 24 | 30.5 | 37 | 45.5 | 57 |
| C (mm) | 36.5 | 36.5 | 40 | 48 | 52 | 65 |
| D (mm) | 47 | 47 | 47 | 62 | 62 | 70 |
| WORKING PRESSURE Kg/cm ² bar | 50 | 50 | 50 | 40 | 40 | 30 |
| WORKING PRESSURE psi | 710 | 710 | 710 | 570 | 570 | 430 |



ART. 090-091-092