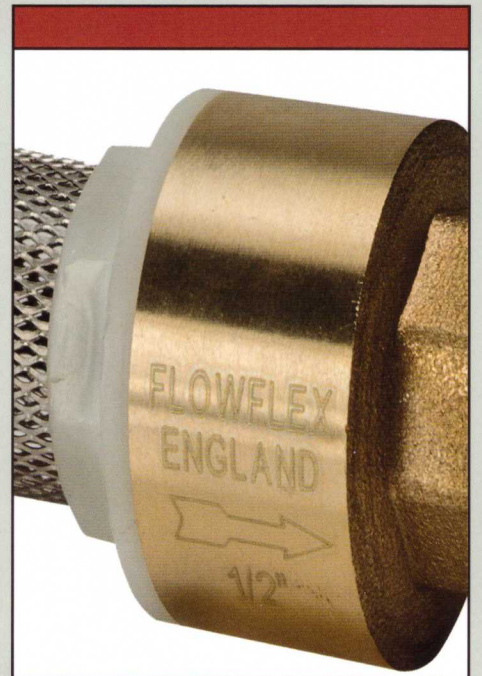


LAMONTITE



Made in England



VALVE CATALOGUE

COMPANY INFORMATION

2014 sees Flowflex Components celebrate its 60th year in business. Established in 1954 Flowflex Components Ltd has since become a name associated with quality and commitment regarding the manufacture and supply of non-ferrous plumbing fittings for all applications in the plumbing and heating industry.

Since 1977 the company has operated from a single 6 acre site based in Derbyshire where it provides its customers with a wide range of copper and copper alloy plumbing fittings and valves in a variety of configurations and sizes.

The well established brand names under the Flowflex banner are not only sold throughout Europe but also to other major markets in the Middle East and Far East.

For 60 years Flowflex valves and fittings have been recognised for quality and reliability; today Flowflex demonstrates its ability to supply consistently high quality components by its ISO 9001:2008 accreditation. Customers can be reassured as products are independently tested and certified to ensure they comply with British and International Standards; and where appropriate, Flowflex holds a number of product approvals for the fittings and valves supplied.

Gate Valve ranges are WRAS approved and are manufactured to meet British standards, BS 5154. Compression Ends on the valves supplied are manufactured and tested to meet UK and international standards, BS EN 1254-2.

To ensure quality and performance materials used to manufacture the valves range meet the following, appropriate standards:

Forged Brass: BS EN 12165: CW617N

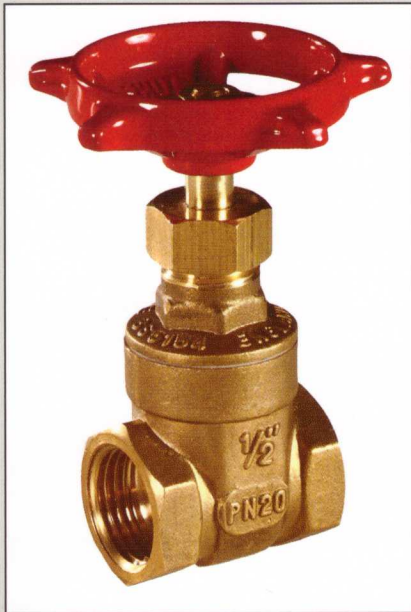
Brass Bar: BS EN 12163, BS EN 12164, BS EN 12167 : CW614N



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Female Gate Valve - BS 5154 f x f L198



| Range & Dimensions | | | | | |
|--------------------|--------|--------------|--------------|--------|----------------|
| Code | Size | Est Mass (g) | Face to face | Height | Handwheel Dia. |
| L198.1 | 1/2" | 171 | 43 | 68 | 45 |
| L198.2 | 3/4" | 270 | 47 | 78 | 50 |
| L198.3 | 1" | 411 | 53 | 93 | 55 |
| L198.4 | 1 1/4" | 670 | 57 | 108 | 60 |
| L198.5 | 1 1/2" | 797 | 61 | 125 | 70 |
| L198.6 | 2" | 1259 | 67 | 143 | 80 |
| L198.7 | 2 1/2" | 2418 | 74 | 175 | 100 |
| L198.8 | 3" | 3392 | 86 | 205 | 100 |
| L198.9 | 4" | 5450 | 98 | 235 | 120 |

Features

Non Rising stem
 Solid wedge
 Suitable for water
 Cast Iron handwheel
 Rated PN20
 Range 1/2" to 4"
 WRAS Approved

Material Specification

| Component | Material |
|---------------|-----------------------|
| Body | Forged Brass - CW617N |
| Bonnet | Forged Brass - CW617N |
| Stem | Brass Bar - CW614N |
| Wedge | Brass - CW617N |
| Gland | Brass Bar - CW614N |
| Handwheel | Aluminium |
| Handwheel nut | Brass bar - CW614N |
| Rating Disc | Aluminium |

WRAS
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PRODUCT

**Lever Arm Ball Valves - Full Bore f x f
Series 8**



| Code | Size |
|------|--------|
| 8111 | 1/2" |
| 8112 | 3/4" |
| 8113 | 1" |
| 8114 | 1 1/4" |
| 8115 | 1 1/2" |
| 8116 | 2" |
| 8117 | 2 1/2" |
| 8118 | 3" |
| 8119 | 4" |

Features

Rated PN30

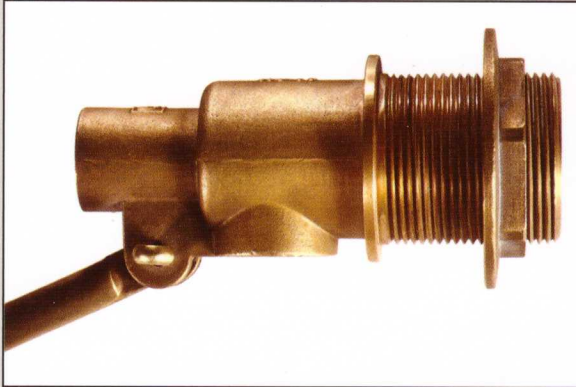
Quarter turn operation

Range from 1/2" to 4"

P.T.F.E (Teflon) ball seal

Full Bore

MOH Brass Float Valves BV



Features

Conventional design with integral tail and seat.

Size range from 1/2" to 2"

Suitable for pressures up to 14 bar (200 P.S.I.)

Recommended for temperatures from 0 to 85°C

Range - Dimensions & Specification

| Code | Size | Material | Seat Bore | Tail Length | Lever Size | Recommended Float Size Plastic. |
|-------|--------|----------|-----------|-------------|------------|---------------------------------|
| BV.11 | 1/2" | Brass | 1/8" | 1 1/4" | 10 x 5/16" | 4 1/2" x 5/16" W |
| BV.12 | 3/4" | Brass | 1/4" | 1 1/2" | 13 x 5/16" | 5" x 5/16" W |
| BV.13 | 1" | Brass | 3/8" | 1 1/2" | 14 x 3/8" | 6" x 3/8" W |
| BV.14 | 1 1/4" | Brass | 1/2" | 2" | 17 x 3/8" | 8" x 3/8" W |
| BV.15 | 1 1/2" | Brass | 5/8" | 2" | 21 x 1/2" | 10" x 1/2" W |
| BV.16 | 2" | Brass | 5/8" | 2" | 21 x 1/2" | 10" x 1/2" W |

Flow Rate & Size Selection Chart (GPM)

| | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|------|------|-------|-------|--------|--------|----|
| 0.25 | 0.82 | 1.85 | 2.50 | 5.90 | 11.70 | |
| 0.35 | 1.16 | 2.60 | 3.50 | 8.30 | 16.50 | |
| 0.50 | 1.65 | 3.70 | 4.90 | 11.80 | 23.50 | |
| 0.70 | 2.33 | 5.20 | 6.90 | 16.60 | 33.70 | |
| 0.93 | 3.10 | 6.90 | 9.20 | 21.90 | 43.10 | |
| 1.10 | 3.70 | 8.20 | 11.00 | 26.30 | 52.50 | |
| 1.40 | 4.50 | 10.10 | 13.50 | 32.30 | 64.40 | |
| 1.60 | 5.20 | 11.70 | 15.60 | 37.30 | 74.40 | |
| 1.76 | 5.80 | 13.00 | 17.40 | 41.60 | 83.10 | |
| 1.93 | 6.40 | 14.30 | 19.10 | 45.60 | 91.00 | |
| 2.10 | 6.90 | 15.40 | 20.60 | 49.20 | 98.30 | |
| 2.20 | 7.40 | 16.50 | 22.00 | 52.60 | 105.00 | |

**Foot Valve
SPF**



Features

Foot Valve with Filter

Working Temperature 0 to 90°C

Range

| Code | Size (Thread BSP) | Est. Mass | Max Press. (bar) |
|-------|----------------------|--------------|---------------------|
| SPF.1 | 1/2" | 80 | 10 |
| SPF.2 | 3/4" | 132 | 10 |
| SPF.3 | 1" | 158 | 10 |
| SPF.4 | 1 1/4" | 262 | 8 |
| SPF.5 | 1 1/2" | 339 | 8 |
| SPF.6 | 2" | 533 | 8 |
| SPF.7 | 2 1/2" | 854 | 6 |
| SPF.8 | 3" | 1272 | 6 |
| SPF.9 | 4" | 2385 | 6 |

Material Specification

| Part | Material |
|---------|-----------|
| Body | Brass |
| Spring | Steel |
| Plunger | Nylon |
| Nut | Nylon |
| Mesh | Stainless |
| Washer | Rubber |

Spring Check Valve SPV



Features

Spring Check Valve

Working Temperature 0 to 90°C

Range

| Code | Size (Thread BSP) | Est. Mass | Max Press. (bar) |
|-------|----------------------|--------------|---------------------|
| SPV.1 | 1/2" | 100 | 10 |
| SPV.2 | 3/4" | 150 | 10 |
| SPV.3 | 1" | 185 | 10 |
| SPV.4 | 1 1/4" | 360 | 8 |
| SPV.5 | 1 1/2" | 550 | 8 |
| SPV.6 | 2" | 850 | 8 |
| SPV.7 | 2 1/2" | 1440 | 6 |
| SPV.8 | 3" | 1815 | 6 |
| SPV.9 | 4" | 3680 | 6 |

Material Specification

| Part | Material |
|---------|----------|
| Body | Brass |
| Spring | Steel |
| Plunger | Nylon |
| Washer | Rubber |

Lever Arm Ball Valves - Full Bore cu x cu Series 7



| Code | Size |
|------|------|
| 7111 | 15mm |
| 7112 | 22mm |
| 7113 | 28mm |
| 7114 | 35mm |
| 7115 | 42mm |
| 7116 | 54mm |

Features

Rated PN16

Quarter turn operation

Range from 15mm to 54mm

Lamontite compression ends to BS EN 1254:2

P.T.F.E (Teflon) ball seal

Brass Gate Valves - Compression BS 5154 cu x cu L197



| Range & Dimensions | | | | |
|--------------------|------|------------|--------------|--------|
| Code | Size | Weight (G) | Face to face | Height |
| L197.1 | 15mm | 275 | 57 | 83 |
| L197.2 | 22mm | 450 | 60 | 95 |
| L197.3 | 28mm | 650 | 73 | 110 |
| L197.4 | 35mm | 1210 | 90 | 113 |
| L197.5 | 42mm | 1470 | 97 | 117 |
| L197.6 | 54mm | 2470 | 118 | 123 |

Features

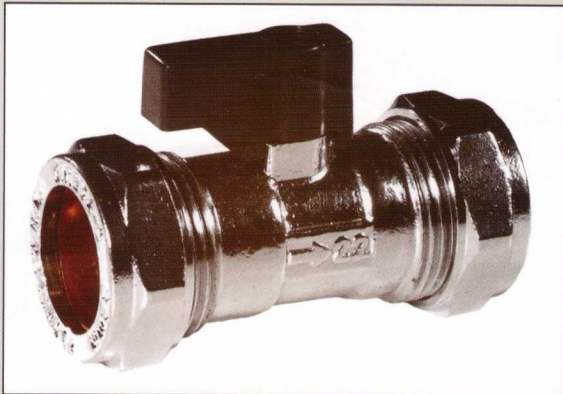
Non rising stem
 Solid wedge
 Suitable for water
 Aluminium handwheel
 Range from 15mm to 54mm
 Rated PN16
 Lamontite compression ends to BS EN 1254:2
 WRAS Approved

Material Specification

| Component | Material |
|-------------------------|---------------------|
| Body | Forged Brass CW617N |
| Bonnet | Forged Brass CW617N |
| Stem | Brass Bar CW614N |
| Wedge | Brass CW617N |
| Gland | Brass Bar CW614N |
| Compression nut | Forged Brass CW617N |
| Compression Cone | Brass CW602N |
| Handwheel | Aluminium |
| Handwheel nut | Brass bar CW614N |
| Rating Disc | Aluminium |

WRAS
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**Isolation Valve CP c/w Black Handle
P472CPBH**



Features

- Chrome Plate Brass
- Quarter Turn Operation
- Supplied with Black Handle
- Lamontite compression ends to BS EN 1254:2

| Code | Size | Pressure / Temperature |
|------------|------|---|
| P472CPBH.1 | 15mm | Max. Working Pressure 10 bar @ 95°C Test Pressure 15 bar |
| P472CPBH.2 | 22mm | |

**Bib Tap
L480**



Features

- Chrome Plate Brass
- Quarter Turn Operation
- 1/2" & 3/4" c/w hose union connection
- PTFE (Teflon) Seal

| Code | Size | Pressure / Temperature |
|--------|------|---|
| L480.2 | 1/2" | Max. Working Pressure 16 bar @ 60°C. Max Temperature to 100°C working Pressure 8 bar |
| L480.3 | 3/4" | |
| L480.4 | 1" | |



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LAMONTITE

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