

TOHO



FUNCTIONALITY, QUALITY, DURABILITY



FUNCTIONALITY

Each of our products are carefully designed to meet the specific needs of our customers. We provide a wide versatile range of products just to give you the tool that best fit the job.

QUALITY

Our products are manufactured under stringent quality control from Japan. You can be sure that each product is precision engineered exceeding the specifications.

DURABILITY

With a 2 year standard manufacturer's warranty covering all of our products, you can be assured of the reliability and durability of our products even in the most demanding locations

TYPE 125 BRASS GATE VALVE

Part no. 101

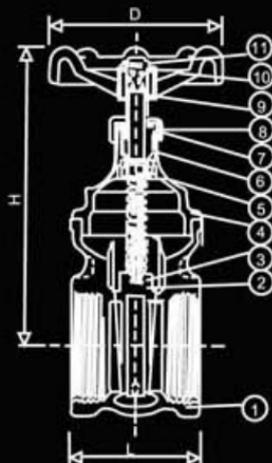
Screwed bonnet, Non-rising stem, Solid Wedge disc, Integral seat, Threaded ends to BS21 or NPT.

200 psi W.O.G. Non-shock

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------------|------------|
| 1 | Body | Brass |
| 2 | Stem | Brass |
| 3 | Disc | Brass |
| 4 | Bonnet | Brass |
| 5 | Lock Nut | Brass Rod |
| 6 | Packing | Teflon |
| 7 | Gland | Brass Rod |
| 8 | Packing Nut | Brass |
| 9 | Hand Wheel | Cast. Iron |
| 10 | NamePlate | Aluminium |
| 11 | Handle Nut | Steel |

Pneumatic pressure test : 6 kg/cm² (Air Under Water)



DIMENSION

(mm)

| VALVE SIZE | ITEM | 101-15 | 101-20 | 101-25 | 101-32 | 101-40 | 101-50 | 101-65 | 101-80 | 101-100 |
|------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
| | MM | 13 | 19 | 25 | 32 | 38 | 50 | 63.5 | 76 | 102 |
| L | End to end | 43 | 49 | 59 | 61 | 63.5 | 72 | 89 | 100.5 | 116 |
| H | Height | 76.5 | 86.5 | 99.5 | 119 | 136 | 155 | 190 | 220 | 243 |
| D | Handwheel diam | 54 | 60 | 70 | 79 | 89 | 99 | 118 | 126 | 153 |



TYPE 150 BRONZE GATE VALVE

Part no. 101F

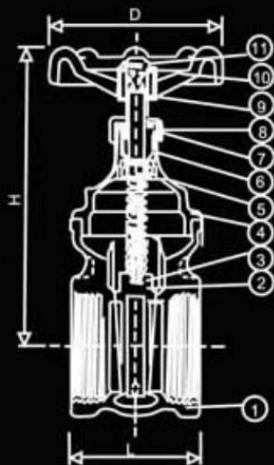
Screwed bonnet, Non-rising stem, Solid Wedge disc, Integral seat, Threaded ends to BS21 or NPT.

300 psi W.O.G. Non-shock

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------------|------------|
| 1 | Body | Bronze |
| 2 | Stem | Brass |
| 3 | Disc | Bronze |
| 4 | Bonnet | Bronze |
| 5 | Lock Nut | Brass Rod |
| 6 | Packing | Teflon |
| 7 | Gland | Brass Rod |
| 8 | Packing Nut | Brass |
| 9 | Hand Wheel | Cast. Iron |
| 10 | NamePlate | Aluminium |
| 11 | Handle Nut | Steel |

Pneumatic pressure test : 6 kg/cm² (Air Under Water)



DIMENSION

(mm)

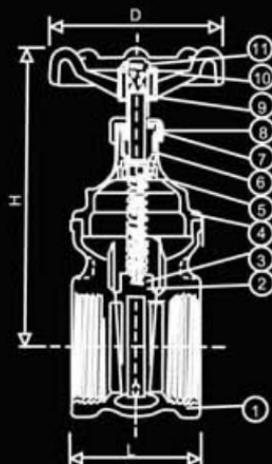
| VALVE SIZE | ITEM | 101-15 | 101-20 | 101-25 | 101-32 | 101-40 | 101-50 | 101-65 | 101-80 | 101-100 |
|------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
| | MM | 13 | 19 | 25 | 32 | 38 | 50 | 63.5 | 76 | 102 |
| L | End to end | 43 | 49 | 59 | 61 | 63.5 | 72 | 89 | 100.5 | 116 |
| H | Height | 76.5 | 86.5 | 99.5 | 119 | 136 | 155 | 190 | 220 | 243 |
| D | Handwheel diam | 54 | 60 | 70 | 79 | 89 | 99 | 118 | 126 | 153 |



Part no. 102

BRASS GATE VALVE (ECONOMY TYPE)

Screwed bonnet, Non-rising stem, Solid Wedge disc, Integral seat, Threaded ends to BS21 or NPT.



200 psi W.O.G. Non-shock

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------------|------------|
| 1 | Body | Brass |
| 2 | Stem | Brass |
| 3 | Disc | Brass |
| 4 | Bonnet | Brass |
| 5 | Lock Nut | Brass Rod |
| 6 | Packing | Teflon |
| 7 | Gland | Brass Rod |
| 8 | Packing Nut | Brass |
| 9 | Hand Wheel | Cast. Iron |
| 10 | NamePlate | Aluminium |
| 11 | Handle Nut | Steel |

Pneumatic pressure test : 6 kg/cm² (Air Under Water)

DIMENSION

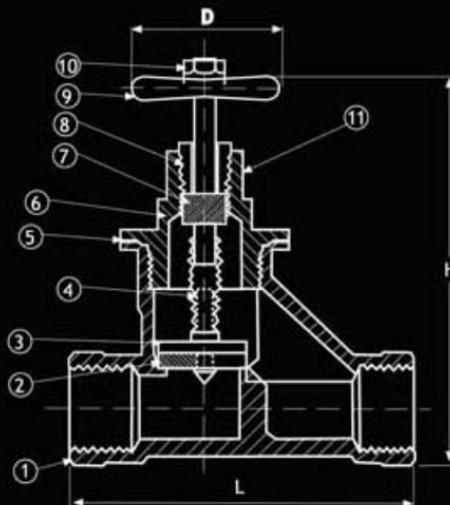
(mm)

| VALVE SIZE | ITEM | 102-15 | 102-20 | 102-25 | 102-30 | 102-40 | 102-50 |
|------------------|------|--------|--------|--------|--------|--------|--------|
| | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
| L End to end | | 39 | 44 | 47 | 53 | 57 | 61 |
| H Height | | 69 | 72 | 84 | 98 | 116 | 125 |
| D Handwheel diam | | 54 | 54 | 54 | 61 | 77 | 77 |

Part no. 802

BS 1010/2 BRONZE STOP VALVE

Screwed bonnet, Rising stem, Swivel disc, Integral seat, Threaded ends.



MATERIALS

| No. | PARTS | MATERIAL |
|-----|---------------|--------------|
| 1 | Body | Bronze |
| 2 | Washer | Rubber |
| 3 | Washer Plate | Brass Rod |
| 4 | Spindel | Brass Rod |
| 5 | Gasket | Non-Asbestos |
| 6 | Head | Bronze |
| 7 | Gland Packing | Rubber |
| 8 | Gland | Brass Rod |
| 9 | Handle | Brass |
| 10 | Handle Nut | Brass Rod |
| 11 | Bonnet | Bronze |

Hydrostatic Test Pressure : Body 20 Bar
Seat 20 Bar

Pneumatic Test : Body 5 Bar
Seat 5 Bar

DIMENSION

(mm)

| VALVE SIZE | INCH | 1/2" | 3/4" | 1" |
|------------------------|------|------|------|-------|
| | MM | 13 | 20 | 25 |
| L End to end | | 75 | 96.5 | 104.5 |
| H Height, Valve Open | | 109 | 135 | 158 |
| D Handle | | 51 | 62 | 65 |

TYPE 400 BRASS BALL VALVE

Screwed body cap, PTFE seats, Blowout proof stem, Threaded ends.

Part no. 501 BR

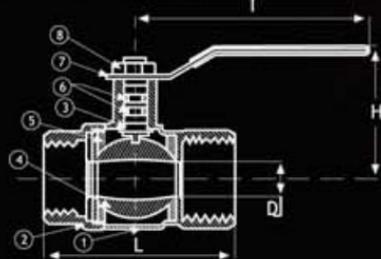
400 psi. W.O.G. non-shock
100 psi. / 148,8° C

MATERIALS

| No. | PARTS | MATERIAL |
|-----|------------|-----------------------|
| 1 | Body | Brass |
| 2 | Cap | Brass |
| 3 | Stem | Brass Rod |
| 4 | Ball * | Brass (Chrome Plated) |
| 5 | Seat | PTFE |
| 6 | O-ring | NBR |
| 7 | Handle | SUS 304 |
| 8 | Handle Nut | Steel |

Test Pressure : Shell 600 psi. (Hydrostatic)
Seat 80 psi. (Air)

* Also available with Teflon coating for abrasive resistance.



DIMENSION

(mm)

| VALVE SIZE | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------------|------|------|------|-----|--------|--------|-----|
| | MM | 13 | 19 | 25 | 32 | 38 | 50 |
| D Bore Size | | 10 | 15 | 20 | 25 | 32 | 40 |
| L End to End | | 65 | 68 | 79 | 86 | 96 | 109 |
| H Height | | 45 | 50 | 55 | 60 | 65 | 75 |
| I Length of Handle | | 102 | 102 | 132 | 132 | 153 | 153 |



TYPE 600 BRONZE BALL VALVE

Part no. 503 BR

Screwed body cap, Full port flow passage, PTFE seats, Blowout proof stem, Threaded ends to BS21 or NPT.

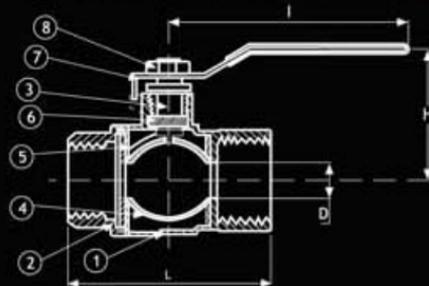
600 psi. W.O.G. non-shock
150 psi. SATURATED STEAM

MATERIALS

| No. | PARTS | MATERIAL |
|-----|---------------|-----------------------|
| 1 | Body | Bronze |
| 2 | Cap | Bronze |
| 3 | Stem | Brass Rod |
| 4 | Ball * | Brass (Chrome Plated) |
| 5 | Seat | PTFE |
| 6 | Steam Packing | PTFE |
| 7 | Handle | SUS 304 |
| 8 | Handle Nut | Steel |

Test Pressure : Shell 900 psi. (Hydrostatic)
Seat 80 psi. (Air)

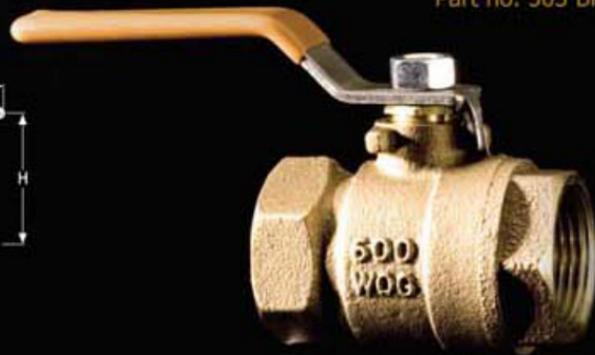
* Also available with Teflon coating for abrasive resistance.



DIMENSION

| VALVE SIZE | | INCH | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|------------|------------------|------|------|------|------|------|-----|--------|--------|-----|
| | | MM | 8 | 10 | 13 | 19 | 25 | 32 | 38 | 50 |
| D | Bore Size | | 10 | 10 | 13 | 15 | 25 | 32 | 40 | 50 |
| L | End to End | | 47 | 47 | 53 | 61 | 72 | 81 | 95 | 112 |
| H | Height | | 46 | 46 | 46 | 58 | 62 | 72 | 77 | 85 |
| I | Length of Handle | | 85 | 85 | 85 | 104 | 104 | 134 | 134 | 154 |

(mm)



TYPE 150 BRONZE Y-PATTERN STRAINER

Part no. 601 YS

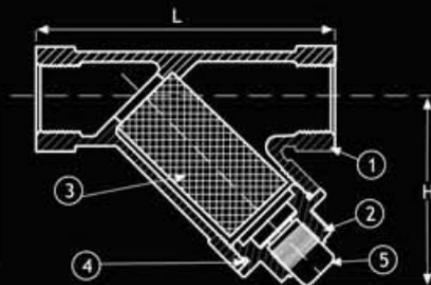
Y-Pattern body, Screwed cap with plug, 304 stainless steel screen, Threaded ends.

300 psi. W.O.G. non-shock
150 psi. SATURATED STEAM

MATERIALS

| No. | PARTS | MATERIAL |
|-----|--------|--------------------|
| 1 | Body | Bronze |
| 2 | Cap | Bronze |
| 3 | Screen | Type 304 S.S. |
| 4 | Gasket | Non-asbestos Sheet |
| 5 | Plug | Bronze |

Hydrostatic Test Pressure : Shell 450 psi.



DIMENSION

(mm)

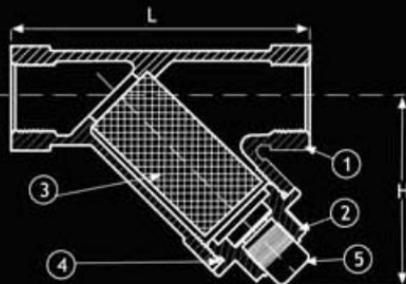
| SIZE | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" |
|--------------|------|------|-------|-----|--------|--------|-------|--------|-----|
| | MM | 13 | 19 | 25 | 32 | 38 | 50 | 63.5 | 76 |
| L End to End | | 81.5 | 100.5 | 115 | 135.5 | 158 | 190.5 | 230 | 259 |
| H Height | | 55 | 70 | 75 | 90 | 98 | 138 | 150 | 160 |

Part no. 601 YS



TYPE 125 BRASS Y-PATTERN STRAINER

Y-Pattern body, Screwed cap with plug, 304 stainless steel screen, Threaded ends.



300 psi. W.O.G. non-shock
150 psi. SATURATED STEAM

MATERIALS

| No. | PARTS | MATERIAL |
|-----|--------|--------------------|
| 1 | Body | Brass |
| 2 | Cap | Brass |
| 3 | Screen | Type 304 S.S. |
| 4 | Gasket | Non-asbestos Sheet |
| 5 | Plug | Bronze |

Hydrostatic Test Pressure : Shell 450 psi.

DIMENSION

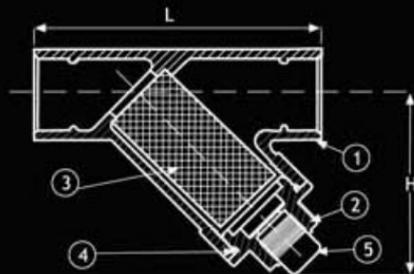
(mm)

| SIZE | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" |
|--------------|------|------|-------|-----|--------|--------|-------|--------|-----|
| | MM | 13 | 19 | 25 | 32 | 38 | 50 | 63.5 | 76 |
| L End to End | | 81.5 | 100.5 | 115 | 135.5 | 158 | 190.5 | 230 | 259 |
| H Height | | 55 | 70 | 75 | 90 | 98 | 138 | 150 | 160 |

Part no. 602 YS

TYPE 150 BRONZE Y-PATTERN STRAINER

Y-Pattern body, Screwed cap with plug, 304 stainless steel screen, Solder Joint Ends (ANSI B16/18)



300 psi. W.O.G. non-shock
150 psi. SATURATED STEAM

MATERIALS

| No. | PARTS | MATERIAL |
|-----|--------------|-----------------------|
| 1 | Body (C X C) | Bronze |
| 2 | Cap | Bronze |
| 3 | Screen | Type 304 S.S. 20 Mesh |
| 4 | Gasket | Non-asbestos Sheet |
| 5 | Plug | Bronze |

Hydrostatic Test Pressure : Shell 450 psi.

DIMENSION

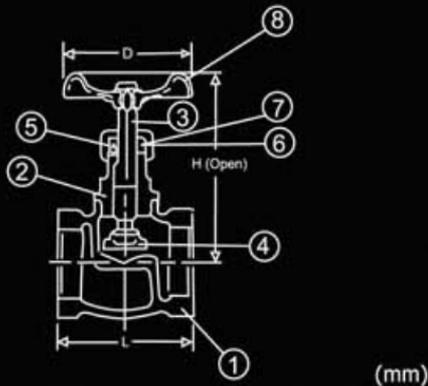
(mm)

| SIZE | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------|------|------|-------|-----|--------|--------|-----|
| | MM | 13 | 19 | 25 | 32 | 38 | 50 |
| L End to End | | 85 | 109.6 | 128 | 150 | 175 | 219 |
| H Height | | 56 | 68 | 81 | 94 | 105 | 130 |

Part no. 801

TYPE 100 BRONZE GLOBE VALVE

Screwed bonnet, Rising stem, Swivel disc, Integral seat, Threaded ends.



DIMENSION

| VALVE SIZE | | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|------------|----------------|------|------|------|----|--------|--------|-----|
| | | MM | 13 | 19 | 25 | 32 | 38 | 50 |
| L | End to End | | 48 | 51 | 64 | 84 | 100 | 118 |
| H | Height | | 66 | 77 | 90 | 125 | 144 | 172 |
| D | Handwheel diam | | 54 | 59 | 69 | 79 | 89 | 99 |

125 psi. W.O.G. non-shock

MATERIALS

| No. | PARTS | MATERIAL |
|-----|---------------|-----------------|
| 1 | Body | Bronze |
| 2 | Bonnet | Brass or Bronze |
| 3 | Stem | Brass Rod |
| 4 | Disc | Brass Rod |
| 5 | Packing Nut | Brass Rod |
| 6 | Gland | Brass Rod |
| 7 | Gland Packing | Teflon |
| 8 | Handwheel | Cast Iron |

Hydrostatic Test Pressure : Shell 200 psi.

Seat 125 psi.

VACUUM RELIEF VALVE FOR WATER HEATER PROTECTION Part no. 901

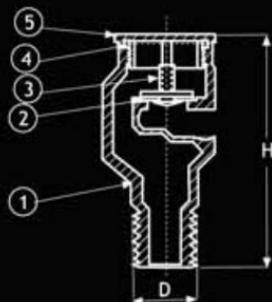
Maximum Temperature 121,1°C. Rated For Water Pressure to 200psi.

MATERIALS

| No. | PARTS | MATERIAL |
|-----|---------------|----------------|
| 1 | Body | Bronze |
| 2 | Rubber Disc | Silicon Rubber |
| 3 | Disc | Brass Rod |
| 4 | O-Ring (Seal) | NBR |
| 5 | Hex Cap-Pin | Brass Rod |

Note : This valve is not designed for anti-siphon back flow prevention.

Automatically vents a system If a vacuum should occur. Prevents siphoning of the water from the system and collapse of a tank. Also suitable for low pressure (15psi. maximum) steam service.



DIMENSION

(mm)

| SIZE | | INCH | 1/2" | 3/4" |
|------|-----------|------|------|------|
| | | MM | 13 | 19 |
| H | Height | | 72.5 | 72.5 |
| D | Pipe Size | | 21.0 | 26.5 |

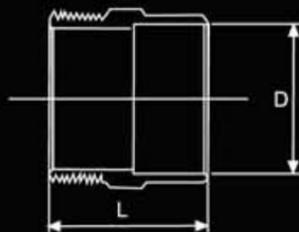
Male Threads to be ANSI or BS. 21



Hydrostatic Test Pressure : Shell 200 psi.
Seat 125 psi.

BRONZE ADAPTOR (MALE THREAD X SOLDER END)

Part no. 303 AD



MATERIALS

| No. | PARTS | MATERIAL |
|-----|--------------|----------|
| 1 | Adaptor Body | Bronze |

DIMENSION

(mm)

| SIZE | ITEM | AD15 | AD20 | AD25 | AD30 | AD40 | AD50 | AD65 | AD80 | AD100 |
|------|-----------------|------|------|------|--------|--------|------|--------|------|-------|
| | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
| | MM | 13 | 19 | 25 | 32 | 38 | 50 | 63.5 | 76 | 102 |
| L | Length | 23 | 31.5 | 35.5 | 43 | 51 | 56 | 74 | 72 | 96 |
| D | Solder End I.D. | 15 | 22 | 28 | 35 | 42 | 54 | 67 | 76.5 | 108.4 |

TYPE BRONZE VERTICAL CHECK VALVE W/SPRING

Part no. 902

Screwed Cap Integral seat, Threaded ends,SUS Spring

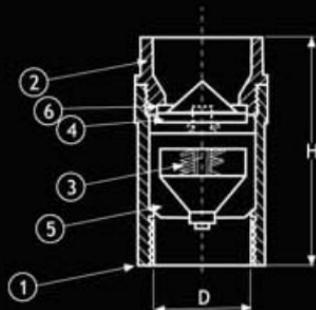
125 psi. W.O.G. non-shock

MATERIALS

| No. | PARTS | MATERIAL |
|-----|--------------|----------|
| 1 | Body | Bronze |
| 2 | Cap | Bronze |
| 3 | Spring | SUS 304 |
| 4 | Piston | Plastic |
| | Piston Frame | Plastic |
| | Seat | Rubber |

Hydrostatic Test Pressure : Shell 200 psi.

Seat 125 psi.



DIMENSION

(mm)

| VALVE SIZE | INCH | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------|------|------|------|------|--------|--------|------|
| | MM | 13 | 19 | 25 | 32 | 38 | 50 |
| H Height | | 46 | 62 | 66 | 72 | 79 | 92 |
| D Flow Way | | 13.1 | 18.1 | 23.1 | 29.1 | 33.1 | 46.1 |

Part no. 51159

ROOF AND DRAINAGE SYSTEM

MATERIALS

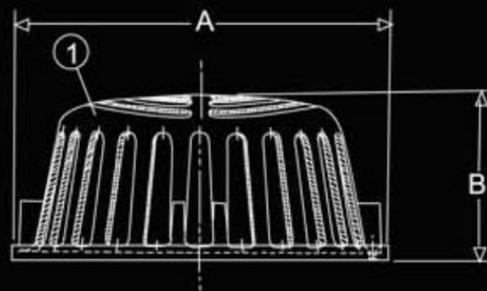
| No. | PARTS | MATERIAL |
|-----|---------------|-----------|
| 1 | Dome Strainer | Bronze 81 |

Also available :
Part no. 51159-4 : Material Brass

DIMENSION

(mm)

| SIZE | INCH | 8" |
|-------------|------|-----|
| | MM | 204 |
| A Dome diam | | 190 |
| B Height | | 83 |



Part no. 21095

CHROME PLATED ROOF DRAIN

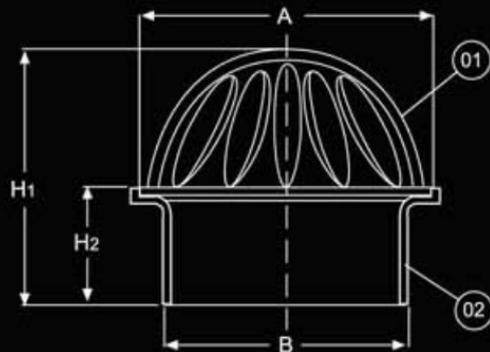


DIMENSION (mm)

| SIZE | | INCH | 2" | 3" | 4" |
|------|----------------|------|-------|-------|-------|
| | | MM | 50 | 76 | 102 |
| A | Dome ST. diam. | | 131,5 | 131,5 | 131,5 |
| B | Pipe size | | 54 | 79 | 104 |
| H1 | Height - 1 | | 96,8 | 96,8 | 96,8 |
| H2 | Height - 2 | | 50 | 50 | 50 |

MATERIALS

| No. | PARTS | MATERIAL |
|-----|---------------|---------------------|
| 1 | Dome Strainer | Brass/Brz 81/Ni-Brz |
| 2 | Head | Brass/Brz 81/Ni-Brz |



NICKEL BRONZE FLOOR CLEANOUT

Part no. RX-15

MATERIALS

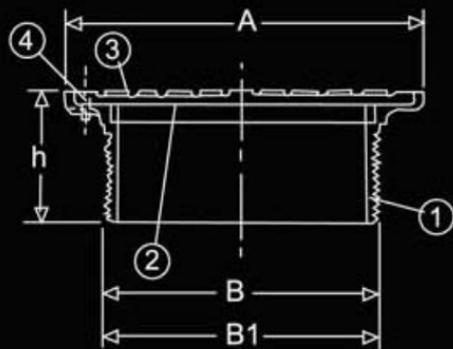
| No. | PARTS | MATERIAL |
|-----|-----------|-----------|
| 1 | Body | NI-Bronze |
| 2 | Seal | Rubber |
| 3 | Cover | NI-Bronze |
| 4 | Screw (3) | Steel |

DIMENSION

(mm)

| SIZE | | INCH | 5" |
|------|-------------|-------------|-------|
| | | MM | 127 |
| A | Head diam. | | 128.5 |
| B | Threaded | | 111 |
| B1 | Threaded | 4" - 8 NPSM | |
| H | Height Body | | 48.15 |

Also available :
Material Brass



FLOOR CLEANOUT

Part no. 1355-2C (2")

Part no. 1355-3C (3")

Part no. 1355-4C (4")

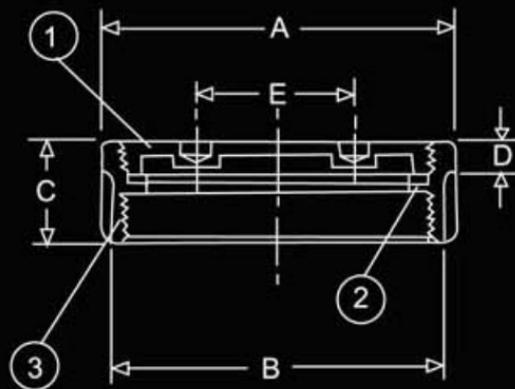
MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------|----------|
| 1 | Cover | Brass |
| 2 | Seal | Rubber |
| 3 | Body | Brass |

DIMENSION

(mm)

| SIZE | INCH | 2" | 3" | 4" |
|------|--------------|------|-----|-------|
| | | MM | 50 | 75 |
| A | Body diam. | 66 | 92 | 121 |
| B | Pipe Size | 62.5 | 90 | 119.5 |
| C | Height Body | 19.8 | 20 | 20.5 |
| D | List Body | 6.3 | 5.5 | 5.5 |
| E | Center Holes | 30 | 50 | 60 |



Part no. SQ-4"

FLOOR DRAIN BACKWATER VALVE

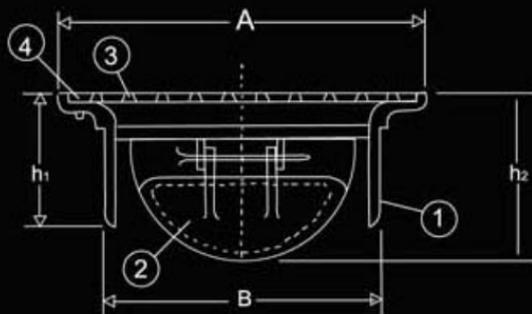
MATERIALS

| No. | PARTS | MATERIAL |
|-----|-----------------|-----------------|
| 1 | Body (SQ) | Brass/Bronze 81 |
| 2 | Backwater Valve | Brass/Bronze 81 |
| 3 | Grate (SQ) | Brass/Bronze 81 |
| 4 | Screw (4) | SUS |

DIMENSION

(mm)

| SIZE | | INCH | 4" |
|------|-------------|------|-------|
| | | MM | 102 |
| A | Head Square | | 108.5 |
| B | Pipe Size | | 82.5 |
| H1 | Height Body | | 53 |
| H2 | Height BWV. | | 65 |



Part no. DSG01RL

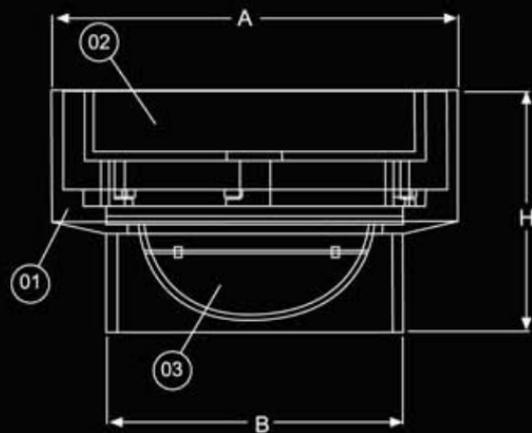
WASTE FLOOR DRAIN (ROUND LONG) BACKWATER VALVE

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------|---------------------|
| 1 | Body | Brass Chrome/Ni-Brz |
| 2 | Cover | Brass Chrome/Ni-Brz |
| 3 | BWV | PVC |

DIMENSION

| SIZE | | (mm) | |
|------|------------------|------|-----|
| | | INCH | 5" |
| | | MM | 127 |
| A | Head diam. | | 137 |
| B | Pipe Size | | 100 |
| H | Height Body Long | | 81 |



WASTE FLOOR DRAIN (ROUND SHORT) BACKWATER VALVE

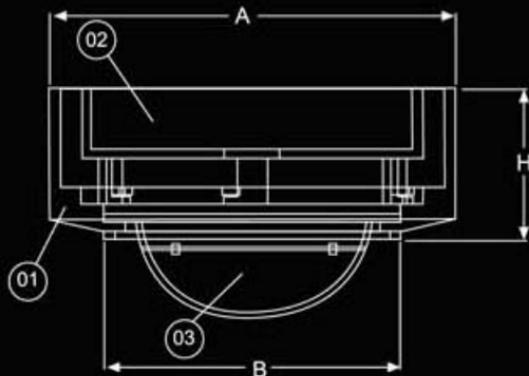
Part no. DSG01RS

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------|---------------------|
| 1 | Body | Brass Chrome/Ni-Brz |
| 2 | Cover | Brass Chrome/Ni-Brz |
| 3 | BWV | PVC |

DIMENSION (mm)

| SIZE | INCH | 5" |
|--------------------|------|-----|
| | MM | 127 |
| A Head diam. | | 137 |
| B Pipe Size | | 100 |
| H Height Body Long | | 46 |



WASTE FLOOR DRAIN (SQUARE LONG) BACKWATER VALVE

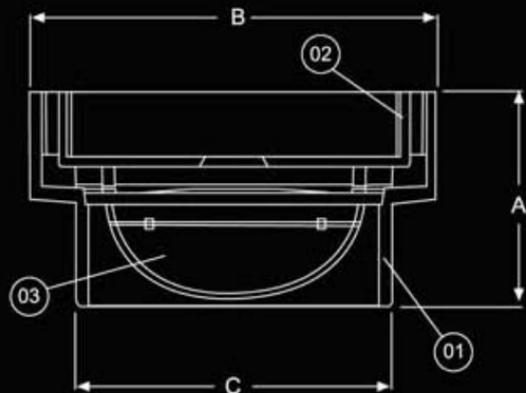
Part no. DSG015L

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------|----------|
| 1 | Head | Brass |
| 2 | Cover | Brass |
| 3 | BWV | PVC |

DIMENSION (mm)

| SIZE | INCH | 4" |
|------|-------------|-------|
| | MM | 102 |
| A | Height | 69,94 |
| B | Head Square | 133 |
| C | Pipe size | 103 |



WASTE FLOOR DRAIN (SQUARE SHORT) BACKWATER VALVE

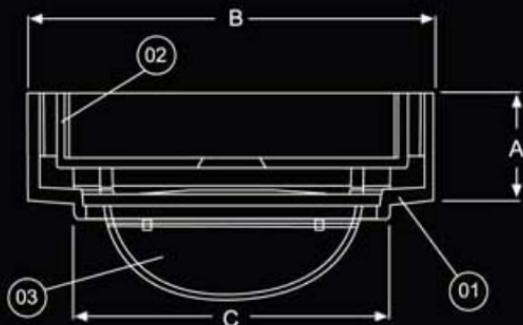
Part no. DSG01SS

MATERIALS

| No. | PARTS | MATERIAL |
|-----|-------|---------------|
| 1 | Head | Brass |
| 2 | Cover | Brass |
| 3 | BMW | Plastic / PVC |

DIMENSION (mm)

| SIZE | INCH | 4" |
|------|-------------|-------|
| | MM | 102 |
| A | Height | 41,73 |
| B | Head Square | 133 |
| C | Pipe size | 103 |





PT DIANSURYA GLOBAL

Manufacturer and Exporter of Metal Fitting

COMPANY PROFILE

PT DIANSURYA GLOBAL is a joint-venture company amongst : • PT Multifortuna Asindo - Indonesia (94,43%) • Simmons International (BVI) Limited - Taiwan (3,3%) and • Wu Ming Tsung (2,27%) and was founded in 1990.

PT Multifortuna Asindo is also the owner of PT Surya Toto Indonesia (TOTO), a leading sanitary ware manufacturer in Indonesia.

We are an OEM (Original Equipment Manufacturing) company: manufacture COOPER ALLOY (Brass and Bronze) products such as COUPLING, FLOOR STRAINER, FLOOR DRAIN, HYDRANT BOX, WATER METER BODY, GATE VALVE, BALL VALVE AND Y-STRAINER. Most of our products carry the customer's brand supplying the USA market. We are also able to supply any industrial products or parts that are made of Brass or Bronze with a competitive price and timely delivery time.

PRODUCT OF PT DIANSURYA GLOBAL

"TOHO" is a trademark of PT DIANSURYA GLOBAL's Gate Valve, Ball Valve, Globe Valve, Angle Valve, Y-Strainer, Maincock, Elbow and Tee. In July 1993, "TOHO" Gate Valve received the SII/SNI Certificate from Department of Industry, Indonesia and ISO 9001:2008 from TUV NORD No. 16.100.0176.

