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Fig.2302/2309



Concentric Wafer Butterfly Valve

Ductile Iron
 PN16
 DN40-DN1200/1½" - 48"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2502/2509



Concentric Lugged Butterfly Valve

Ductile Iron
 PN16
 DN40-DN1000/1½" - 48"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2349



Concentric Wafer Soft Seated Butterfly Valve

Ductile Iron
 PN16
 DN40-DN600/1½" - 24"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2549



Concentric Lugged Soft Seated Butterfly Valve

Ductile Iron
 PN16
 DN40-DN600/1½" - 24"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2330



Concentric Wafer Vulcanized Butterfly Valve

Ductile Iron
 PN16/PN25
 DN50-DN600/2" - 24"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2530



Concentric Lugged Vulcanized Butterfly Valve

Ductile Iron
 PN16/PN25
 DN50-DN600/2" - 24"
 BS5155/EN593/
 API609/MSS SP-67

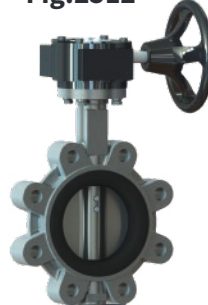
Fig.2312



Concentric Wafer Butterfly Valve

Stainless Steel
 PN16
 DN40-DN1200/1½" - 48"
 BS5155/EN593/
 API609/MSS SP-67

Fig.2512



Concentric Lugged Butterfly Valve

Stainless Steel
 PN16
 DN40-DN1200/1½" - 48"
 BS5155/EN593/
 API609/MSS SP-67

Butterfly Valve

Fig.2122



U-Type Butterfly Valve

Ductile Iron
PN16
DN150-DN1200/6" - 48"
BS 5155/EN 593
API 609/MSS SP-67

Fig.2123



Concentric Double Flanged Butterfly Valve

Ductile Iron
PN16/PN25
DN50-DN2000/2" - 80"
BS 5155/EN 593
API 609/MSS SP-67

Fig.2113



Double Flange Butterfly Valve

Stainless Steel
PN16
DN50-DN1200/2" - 48"
BS 5155/EN 593

Fig.2688



Electric Flanged Butterfly Valve

Ductile Iron
PN16/PN25
DN100-DN2000/4" - 80"
BS 5155/EN 593
(Series13/14)

Gate Valve

Fig.3152



NRS Gate Valve

Bronze
PN20
DN15-DN100/1/2" - 4"
MSS SP-80

Fig.3103



NRS Gate Valve

DZR Brass
PN16
DN15-DN100/1/2" - 4"
MSS SP-80

Fig.3101



NRS Gate Valve

Brass
PN16
DN15-DN100/1/2" - 4"
MSS SP-80

Fig.3154



Gate Valve with Lockshield

Bronze
PN20
DN15-DN50/1/2" - 2"

Fig.3243/3249



NRS Resilient Seat Gate Valve

Ductile Iron
PN16/PN25
DN50-DN600/2" - 24"
BS5163

Fig.3233/3239



OS&Y Resilient Seat Gate Valve

Ductile Iron
PN16/PN25
DN50-DN600/2" - 24"
BS5163

Fig.3259/3269

NRS Resilient Seat Gate Valve



Ductile Iron
PN16
DN40-DN600/1½"- 24"
DIN3352 (F4)

Fig.3513/3125

NRS Metal Seat Gate Valve



Ductile Iron
PN16
DN40-DN600/1½"-24"
DIN3352 (F4)

Fig.3213/3613

OS&Y Metal Seat Gate Valve



Ductile Iron
PN16
DN40-DN600/1½"- 24"
DIN3352 (F4)

Gate Valve

Fig.3113/3511

NRS Metal Seat Gate Valve



Ductile Iron
PN16
DN50-DN600/2"-24"
BS5150

Fig.3123/3611

OS&Y Metal Seat Gate Valve



Ductile Iron
PN16
DN50-DN600/2"-24"
BS5150

Fig.3250

One-way Seal Knife Gate Valve -Wafer



GGG40
PN10
DN50-DN1800/2"-72"

Fig.3350

One-way Seal Non-rising Stem Clamp Knife Gate Valve



Ductile Iron/Stainless Steel
PN10
DN50-DN1800/2"-72"

Knife Gate Valve

Fig.3260

One-way Seal Lug Knife Gate Valve



Ductile Iron
PN10
DN50-DN400/2"-16"

Fig.3252

Two-way Seal Knife Gate Valve-Wafer



GGG40
PN10
DN50-DN400/2"-16"

Knife Gate Valve



One-way Seal Lug Knife Gate Valve

CI/WCB
PN6/PN10/PN16/PN25/150Lb
DN50-DN2000/2" - 80"

Check Valve

Fig.5451



Bronze Swing Check Valve

Bronze
PN20
DN15-DN100/1/2" - 4"
MSS SP-80



Fig.5410



Brass Swing Check Valve

Brass
PN16
DN15-DN100/1/2" - 4"

Fig.5457



Vertical Lift Check Valve

Brass
PN10
DN15-DN100/1/2" - 4"

Fig.6410



Brass Angle Valve (Ceramic Core)

Brass
PN10
DN15/1/2"

Fig.5315



Wafer Type Single Plate Check Valve

Stainless Steel
PN16/PN25
DN32-DN300/1/4" - 12"

Fig.5306/5309



Wafer Type Dual-Plate Check Valve

Ductile Iron
PN16/PN25
DN40-DN900/1/2" - 36"
DIN3202



Fig.5101/5111



**Metal Seat
Swing Check Valve**

Ductile Iron
PN16
DN15-DN600/½" - 24"
BS EN 12234

Fig.5113



**Swing Check Valve
with Heavy Hammer**

Cast Iron
PN16
DN15-DN600/½" - 24"
BS EN 12234

Fig.5312



**Wafer Type
Silent Check Valve**

Ductile Iron
PN16/PN25
DN15-DN350/½" - 14"
MS SP-125

Fig.5104



**Wafer Type
Globe Check Valve**

Ductile Iron
PN16/PN25
DN15-DN600/½" - 24"
MS SP-125

Fig.5121



**Swing-Flex
Check Valve**

Ductile Iron
PN16
DN50-DN300/2" - 12"
AWWA C508

Fig.5109



Ball Check Valve

Ductile Iron
PN16
DN50-DN600/2" - 24"
EN558-1

Fig.5209



**Triple Dut
Valve**

Ductile Iron
PN16/PN25
DN50-DN600/2" - 24"
NF EN14341

Fig.6352



**Bronze
Globe Valve**

Bronze
PN20
DN15-DN50/½" - 2"
MSS SP- 80

Fig.6123



**OS&Y
Globe Valve**

Ductile Iron
PN16
DN50-DN300/2" - 12"
MSS SP- 85
BS5152

Fig.6125



**OS&Y
Globe Valve**

Ductile Iron
PN16
DN15-DN300/½" - 12"
DIN3356

Foot Valve

Fig.5505



Bronze Foot Valve

Bronze
PN16/20
DN15-DN50/½"- 2"
MSS SP- 80

Fig.1120



Foot Valve

Ductile Iron
PN16/PN25
DN50-DN600/2"- 24"
MSS SP- 125

Fig.1390



Backflow Preventer

Ductile Iron
PN16
DN50-DN200/2"-8"
AWWA C511/
ASSE 1013

Strainer

Fig.7654



Bronze Y-Strainer

Bronze
PN20
DN15-DN80/½"- 3"



Fig.7691



Bronze Y-Strainer

Brass
PN16
DN15-DN100/½"- 4"

Fig.7101



Y-Pattern Strainer

Ductile Iron
PN25
DN50-DN600/2"- 24"



Fig.7201/7309



Y-Pattern Strainer

Ductile Iron
PN16
DN50-DN800/2"- 32"



Fig.7105



Basket Type Strainer

Ductile Iron
PN16/PN25
DN50-DN1200/2"- 48"

Fig.7301



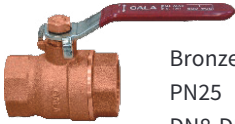
Suction Diffuser

Ductile Iron
PN16/PN25
DN15-DN600/½"- 24"
BS EN558-1/
DIIN3202

Fig.1251



Bronze Ball Valve



Bronze
PN25
DN8-DN100/
1/4" - 4"
MSS SP- 110

Fig.1253

DZR Brass Ball Valve



DZR Brass
PN25
DN8-DN100/
1/4" - 4"

Fig.1207

Brass Ball Valve



Brass
PN25
DN8-DN100/
1/4" - 4"

Ball Valve

Fig.9801

Brass Auto Air Vent



Brass
PN16
DN15-DN25/1/2" - 1"

Fig.9701

Screwed Air Valve



Ductile Iron
PN16/PN25
DN15-DN50/1/2" - 2"

Air Vent

Fig.9101

Flanged Orifice Air Valve



Ductile Iron
PN16
DN40-DN250/1/2" - 10"

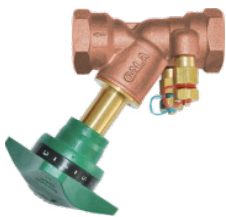
Fig.9201

Flanged Double Orifice Air Valve



Ductile Iron
PN16
DN50-DN200/2" - 8"

Fig.1209-BT



Fixed Orifice Double Regulating Valve

Bronze
PN25
DN15-DN50/1/2" - 2"
BS7350

Fig.1206



Fixed Orifice Double Regulating Valve

Brass
PN25
DN20-DN50/3/4" - 2"

Fig.1206/1209-DF



Fixed Orifice Double Regulating Valve

Ductile Iron
PN16/PN25
DN65-DN600/2 1/2" - 24"
BS7350

Fig.1216/1210-DF



Variable Orifice Double Regulating Valve

Ductile Iron
PN16/PN25
DN65-DN600/2 1/2" - 24"
BS7350

Fig.1200-SSW



Double Flow Measurement Devices

DN65-DN600/
2 1/2" - 24"

Fig.1200-PT



Pressure Test Valve

Fig.1200-ET



Extension Tube

Fig.GA12



Electronic Commissioning Unit

State of the-art electronics, microprocessor and hydraulics in one compact unit

Fig.1230-BT



Pressure Independent Control Valve

DZR Brass
PN25
DN15-DN32/1/2" - 1 1/4"

Fig.1250-BT



Differential Pressure Control Valve

DZR Brass
PN25
DN15-DN32/1/2" - 1 1/4"

Fig.1230-DF



Pressure Independent Control Valve

Ductile Iron
PN16
DN40-DN150/1 1/2" - 6"

Fig.1250-DF



Differential Pressure Control Valve

Ductile Iron
PN16/PN25
DN40-DN300/1 1/2" - 12"

Fig.8101



Hook Up Connection

PN16/PN25
DN15-DN32/1/2" - 1 1/4"

Fig.8201



Hook Up Connection

PN16/PN25
DN15-DN32/1/2" - 1 1/4"

Fig.TABX-KP



Electric Control Valve

Brass
PN20
DN15/DN20/DN25
1/2"/3/4"/1"

Fig.TABX-KD



Electric Control Valve

Brass
PN20
DN15/DN20/DN25/DN32
1/2"/3/4"/1"/1 1/4"

Fig.TABX-TD



Electric Control Valve

Brass
PN40
DN15-DN65/1/2" - 2 1/2"

PICV

DPCV

Hook Up Connection

Electric Control Valve

Pressure Reducing Valve

Fig.6151/6251



Electric Control Valve Two-way

Ductile Iron
PN16/PN25
DN15-DN400/1/2" - 16"

Fig.6171/6271



Electric Control Valve Three-way

Ductile Iron
PN16/PN25
DN15-DN400/1/2" - 16"

Fig.1520



Bronze Pressure Reducing Valve

Bronze
PN20
DN15-DN100/1/2" - 4"

Fig.1420



Pressure Reducing Valve

Ductile Iron
PN16/PN25
DN40-DN1000/1 1/2" - 40"
EN1266-1

Float Valve

Fig.1531



Brass Float Valve

Brass
PN16/PN20
DN15-DN100/1/2" - 4"

Fig.1410



Float Control Valve Modulating

Ductile Iron/Cast Iron
PN16/PN25
DN40-DN1000/1 1/2" - 40"
EN1074/BS1567/
EN12266-1

Pressure Relief Valve

Fig.1351



Safety Relief Valve

Brass
PN16/PN20
DN15-DN32/1/2" - 1 1/4"

Fig.1450



Pressure Sustaining Valve

Ductile Iron/Cast Iron
PN16/PN25
DN40-DN1000/1 1/2" - 40"
EN1074/BS1567/
EN12266-1

Fig.1430



Hydraulic Check Valve

Ductile Iron/Cast Iron
PN16/PN25
DN40-DN1000/1½" - 40"
EN1074/BS1567/
EN12266-1

Fig.1480



Constant Differential Pressure Valve

Ductile Iron/Cast Iron
PN16/PN25
DN40-DN1000/1½" - 40"
EN1074/BS1567/
EN12266-1

Fig.GWH-01



Water Hammer Arrester

Type L Copper
Tube
10.6bar
DN15-DN25/½" - 1"

Fig.GMV1



Thermostatic Mixing Valve

Bronze
10bar
(max static pressure)
0.2-1bar
(low dynamic pressure)
1-5bar
(high dynamic pressure)

Fig.4304



Brass Bibcock

Brass
PN20
DN15-DN20/½" - ¾"

Fig.1500



Drain Cock

Brass
PN16/PN20
DN15-DN25/0.5" - 0.1"

Fig.G-Series



General Pressure Gauge

Steel Case
2½" or 4" Dial
EN837-1

Fig.S-Series



General Pressure Gauge

Steel Case
2½" or 4" Dial
EN837-1

Thermometer

Fig.VT-S



**V-Line Thermometer
Straight Entry**

Aluminum,
Anodized Gold
4" or 6" Case Length
BSPT/NPT

Fig.VT-L



**V-Line Thermometer
90° Angle Entry**

Aluminum,
Anodized Gold
4" or 6" Case Length
BSPT/NPT

Joints

Fig.GFLEX-GS



**Screwed Type
Flexible Rubber
Joint**

PN16/PN25
DN15-DN50/1/2" - 2"

Fig.GFLEX-F1



**Single-Sphere
Rubber Joint**

PN16/PN25
DN32-DN600/
1 1/4" - 24"

Fig.GFLEX-F2

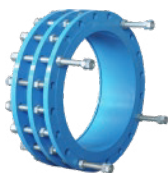


**Twin-Sphere
Rubber Joint**

PN16/PN25
DN32-DN600/
1 1/4" - 24"

Flange Adapter

Fig.GF700



**Dismantling
Joint**

Ductile Iron/WCB
PN16/PN25
DN65-DN2200/
2 1/2" - 88"

Fig.GF800



Flange Adap

Ductile Iron
PN16
DN40-DN600/
1 1/2" - 24"

Fig.GF900



**Expansion Joint
Complete With
Shipping Rod**

Stainless Steel
PN16/PN25
DN20-DN600/
3/4" - 24"

Flexible Hose

Fig.GF100



**Union Type
Flexible Hose**


Stainless Steel
PN16/PN25
DN15-DN50/1/2" - 2"

Fig.GF600




**Flange Type
Flexible Hose**


Stainless Steel
PN16/PN25
DN15-DN300/1/2" - 12"

Fig.345FF 


Resilient Seated Gate Valve-FF Ends




Ductile Iron
365PSI/250PSI/200PSI
DN50-DN600/2" - 24"
AWWA C515/BS5163

Fig.345FG 


Resilient Seated Gate Valve-FG Ends




Ductile Iron
365PSI
DN50-DN300/2" - 12"
AWWA C515/
BS5163

Fig.345GG 


Resilient Seated Gate Valve-GG Ends




Ductile Iron
365PSI
DN50-DN300/2" - 12"
AWWA C515/
BS5163

Fig.345JJ 


Resilient Seated Gate Valve-JJ Ends




Ductile Iron
365PSI
DN80-DN300/3" - 12"
AWWA C515/BS5163

Fig.345FJ 


Resilient Seated Gate Valve-FJ Ends



Ductile Iron
365PSI
DN80-DN300/3" - 12"
AWWA C515/BS5163

Fig.341FF 


Resilient Seated Gate Valve-FF Ends



Ductile Iron
365PSI/250PSI/200PSI
DN50-DN600/2" - 24"
AWWA C515/BS5163

Fig.341FG 

Resilient Seated Gate Valve-FG Ends



Ductile Iron
365PSI
DN50-DN300/2" - 12"
AWWA C515/BS5163

Fig.341GG 


Resilient Seated Gate Valve-GG Ends




Ductile Iron
365PSI
DN50-DN300/2" - 12"
AWWA C515/BS5163

Fig.341JJ 


Resilient Seated Gate Valve-JJ Ends



Ductile Iron
365PSI
DN80-DN300/3" - 12"
AWWA C515/BS5163

Fig.341FJ 

Resilient Seated Gate Valve-FJ Ends



Ductile Iron
365PSI
DN80-DN300/3" - 12"
AWWA C515/BS5163

Fire Protection Check Valve

Fig.55FF



Resilient Seated Swing Check Valve FF Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"-12"
AWWA C508

Fig.50GG/GGP



Resilient Seated Swing Check Valve GG Ends

Ductile Iron
200/250/300PSI
DN50-DN200/2"- 8"

Fig.50W



Dual-Plate Wafer Check Valve

Ductile Iron
200/250/300PSI
DN50-DN200/2"- 8"
API 594

Fire Protection Strainer

Fig.70FF



Y Strainer FF Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"-12"

Fig.70FG



Y Strainer FG Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"-12"

Fig.70GG



Y Strainer GG Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"-12"

Fire Protection Butterfly Valve

Fig.25W



Resilient Butterfly Valve Wafer Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"- 12"

Fig.25L



Resilient Butterfly Valve Lug Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"- 12"

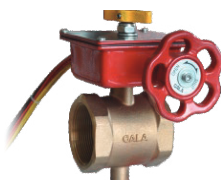
Fig.25GG



Resilient Butterfly Valve Groove Ends

Ductile Iron
200/250/300PSI
DN50-DN300/2"- 12"

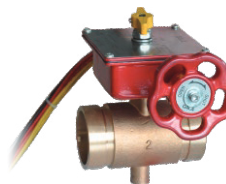
Fig.20T/22T



Resilient Seated Screwed Ends

Ductile Iron
175PSI
DN50-DN65/2"- 2½"

Fig.20GG/22G



Resilient Seated Grooved Ends

Ductile Iron
175PSI
DN50-DN65/2"- 2½"

Fig.G388/G345 



**Indicator Post -
Underground Type**


Ductile Iron
DN50~DN300/2"~ 12"


Fig.G322 



**Indicator Post -
Underground Type**

Ductile Iron
DN350~DN600/14"~ 24"


Fig.W388/W345 




**Indicator Post -
Wall Type**

Ductile Iron
DN50~DN300/2"~ 12"

Post Indicator

Fig.1510 



Dry Barrel Hydrant

Ductile Iron
250PSI


Fig.1511 



Wet Barrel Hydrant

Ductile Iron
250PSI

Hydrant


Fig.9712 




Air Release Valve

Ductile Iron
200PSI
DN15~DN25/1/2"~ 1"


Fire Protection Air Vent


Fig.1042-V 



**Water Flow Detector
With Retard**

450PSI

Fig.1042-T 



**Water Flow Detector
With Retard**

450PSI

Water Flow Detector

Fig.1601



Test and Drain

Brass
365PSI
DN25/DN32/DN50
1"/1¼"/2"

Fig.1615



Hose Valve

Brass
365PSI
DN40xDN40/1½"x1½"
DN65xDN65/2½"x2½"

Fig.1620



Angle Valve

Brass
365PSI
DN40xDN40/1½"x1½"
DN65xDN65/2½"x2½"

Fig.1640



Ball Valve

Brass
365PSI
DN6~DN100/¼"~4"

Fig.1650



Fire Department Connections

Brass
365PSI
DN100xDN65xDN65
4"x2½"x2½"