

VALVE SELECTION MANUAL

HIWA helps you to find optimal solutions for diverse processing applications.



EXPERT IN FLUID CONTROL





CATALOG

01

WATER TREATMENT
VALVE SERIES

001-014

02

HEAT SYSTEM CONTROL
VALVE SERIES

015-018

03

INDUSTRIAL
VALVE SERIES

019-020

04

AUTOMATIC CONTROL
VALVE SERIES

021-022

05

FIRE PROTECTION
VALVE SERIES

023-027

06

PIPE FITTINGS

028-030



HIWA VALVES

Cost Leadership-Customer Service-Technical Innovation-
Custom Design-Brand Strength



CE TS



WRAS



WATER TREATMENT VALVE SERIES



DIN3202 F4 Non-Rising Stem Resilient Seated Gate Valve

- Product Model: Z4714E
- Design Standard: DIN3352
- Nominal Diameter: DN40-DN1200
- Pressure Rating: PN10, PN16, PN25
- Connection Method: EN1092-2 PN10, PN16, PN25
- Body Material: Ductile Iron



DIN3202 F5 Non-Rising Stem Resilient Seated Gate Valve

- Product Model: Z4715
- Design Standard: DIN3352
- Nominal Diameter: DN40-DN1000
- Pressure Rating: PN10, PN16
- Connection Method: EN1092-2 PN10, PN16
- Body Material: Ductile Iron



DIN3202 F4 Rising Stem Resilient Seated Gate Valve

- Product Model: Z4114
- Design Standard: DIN3352
- Nominal Diameter: DN50-DN300
- Pressure Rating: PN10, PN16, PN25
- Connection Method: EN1092-2 PN10, PN16, PN25
- Body Material: Ductile Iron



BS5163 Non-Rising Stem Resilient Seated Gate Valve

- Product Model: Z2712
- Design Standard: BS5163
- Nominal Diameter: DN50-DN300
- Pressure Rating: PN10, PN16
- Connection Method: EN1092-2 PN10, PN16
- Body Material: Ductile Iron



AS2638.2 Non-Rising Stem Resilient Seated Gate Valve

- Product Model: Z1711B
- Design Standard: AS2638.2
- Nominal Diameter: DN50-DN600
- Pressure Rating: PN16
- Connection Method: AS4087 PN16, AS2129 Table D / Table E
- Body Material: Ductile Iron



AWWA Rising Stem Resilient Seated Gate Valve

- Product Model: Z3713
- Design Standard: AWWA C515
- Nominal Diameter: DN50-DN300
- Pressure Rating: 250PSI
- Connection Method: ASME B16.1 Class 125, ASME B16.42 Class 150 (Flange End), AWWA C111/A21.11, AWWA C110 (mechanical Joint End)
- Body Material: Ductile Iron

WATER TREATMENT VALVE SERIES



FIG: 71M22

Service Gate Valve

Nominal Diameter: DN20-DN50

Connection Method: BSP

Body Material: Ductile Iron



FIG: Z4724B

DIN3352 F4 Non-Rising Metal Seated Gate Valve

Design Standard: DIN 3352

Nominal Diameter: DN50-DN1200

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, EN1092-2 Pn16

Body Material: Cast Iron, Ductile Iron



FIG: Z4734B

DIN3352 F4 Non-Rising Metal Seated Gate Valve

Design Standard: DIN 3352

Nominal Diameter: DN50-DN1200

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, EN1092-2 PN16

Body Material: Cast Iron, Ductile Iron



FIG: Z4124B

DIN3352 F4 Rising Metal Seated Gate Valve

Design Standard: DIN 3352

Nominal Diameter: DN50-DN800

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, EN1092-2 PN16

Body Material: Cast Iron, Ductile Iron



FIG: Z2742B

BS Metal Seated Gate Valve

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, PN16

Body Material: Ductile Iron



FIG: Z3123B

ANSI O.S.&Y. Metal Seated Gate Valve

Nominal Diameter: DN50-DN300

Pressure Rating: 125LB

Connection Method: ANSI B16.1

Body Material: Cast Iron

WATER TREATMENT VALVE SERIES



FIG: S42A

DIN Y Strainer

Nominal Diameter: DN15-DN600

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, EN1092-2 PN16

Body Material: Ductile Iron



FIG: S326A

Basket Strainer

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, PN16, ISO 7005-2

Body Material: Ductile Iron



FIG: J4116

DIN Globe Valve

Design Standard: DIN, GB, EN

Nominal Diameter: DN15-DN300

Pressure Rating: PN10, PN16, PN25, PN40

Connection Method: EN1092-2

Body Material: Cast Iron, Ductile Iron



FIG: Q41

DIN Ball Valve

Design Standard: DIN, BS

Nominal Diameter: DN15-DN250

Pressure Rating: PN10, PN16

Connection Method: EN1092-2

Body Material: Cast Iron, Ductile Iron



FIG: 112W

Wafer Concentric Booted Seat Butterfly Valve

Nominal Diameter: DN40-DN300

Pressure Rating: PN10, PN16, 200PSI, 250PSI, 10K, 16K

Connection Method: ISO 7005-2 PN10/PN16, EN1092-2 PN10/PN16,
ANSI 125/150, AS4087 PN14/PN16, JIS2211-2212

Body Material: Cast Iron, Ductile Iron



FIG: B15W-YX, B10W-YX, B10W-HJ

Wafer Type Concentric Butterfly Valve

Design Standard: API 609

Face to Face: API 609, EN558-1 20 Series, ISO 5752, DIN3202 K1

Nominal Diameter: DN40-DN1200

Pressure Rating: PN10, PN16

Connection Method: EN1092 PN10 PN16 JIS 10K, ASME CLASS125,
CLASS150, AS2129 Table D/E

Body Material: Cast Iron, Ductile Iron, Stainless Steel, WCB

WATER TREATMENT VALVE SERIES



FIG: B10L-YX, B10L-HJ

Lug Type Concentric Butterfly Valve

Design Standard: API 609

Face to Face: API 609, EN558-1 20 Series, ISO 5752, DIN3202 K1

Nominal Diameter: DN40-DN300

Pressure Rating: PN10, PN16

Connection Method: BS EN1092 PN10, PN16, AS2129 Table D/E, ANSI 150

Body Material: Ductile Iron



FIG: B20W-YX, B20W-HJ

Wafer Type Concentric Butterfly Valve

Design Standard: API 609

Face to Face: API 609, EN558-1 20 Series

Nominal Diameter: DN40-DN600

Pressure Rating: PN10, PN16

Connection Method: BS EN1092, JIS ASME CLASS125, CLASS150,
AS2129 Table D/E

Body Material: Cast Iron, Ductile Iron



FIG: B20L-YX, B20L-HJ

Wafer Type Concentric Butterfly Valve

Design Standard: API 609

Face to Face: API 609, EN558-1 20 Series

Nominal Diameter: DN40-DN600

Pressure Rating: PN10, PN16, PN25, CLASS125, 10K, 16K

Connection Method: BS EN1092 PN10, PN16, ANSI 150

Body Material: Cast Iron, Ductile Iron



FIG: B12W-YX, B12W-HJ

Wafer Type Concentric Butterfly Valve

Design Standard: API 609

Face to Face: API 609, EN558-1 20 Series, ISO 5752, DIN3202 K1

Nominal Diameter: DN40-DN300

Pressure Rating: PN10, PN16

Connection Method: EN1092 PN10, PN16, JIS 10K, ASME CLASS 125, CLASS150, AS2129 Table D/E

Body Material: Cast Iron, Ductile Iron, Stainless Steel, WCB



FIG: B90G

Grooved End Butterfly Valve

Design Standard: MSS SP-67, EN593

Face to Face: ASME B16.10

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16

Connection Method: AWWA C606

Body Material: Ductile Iron



FIG: B70F-HJ, B70F-YX

Double Flanged Integrated Vulcanized Seat Butterfly Valve

Design Standard: BS5155, EN 593

Face to Face: EN558-1 13 Series

Nominal Diameter: DN50-DN1200

Pressure Rating: PN10, PN16

Connection Method: EN1092 PN10, PN16, AS2129 Table D/E

Body Material: Ductile Iron

WATER TREATMENT VALVE SERIES



FIG: B60F-YX

Double Flanged Double Eccentric Butterfly Valve

Design Standard: EN593

Face-to Face: EN558-14 Series

Nominal Diameter: DN100-DN1200

Pressure Rating: PN10, PN16

Connection Method: EN1092 PN10 / PN16

Body Material: Ductile Iron



FIG: B10U

U Type Flanged Center Liner Butterfly Valve

Nominal Diameter: DN50-DN1200

Pressure Rating: PN10, PN16, 200PSI, 250PSI, 10K, 16K

Connection Method: ISO 7005-2 PN10/PN16, EN1092-2 PN10/PN16, ANSI 125/150, A54087 PN14/PN16, JIS 10K/16K

Body Material: Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel



FIG: 121,122

High Performance Butterfly Valve

Nominal Diameter: DN50-DN600

Pressure Rating: Class150, Class300

Connection Method: ANSI B16.5, EN1092, JIS B2220

Body Material: WCB, Stainless Steel

FIG: B54W, B54L



Double Eccentric Metal Seated Butterfly Valve

Nominal Diameter: DN50-DN600

Pressure Rating: PN10, PN16

Connection Method: EN1092-2, ANSI B16.5, JIS N2220

Body Material: WCB, Stainless Steel

FIG: B64



Double Eccentric Metal Seated Double Flange Butterfly Valve

Nominal Diameter: DN50-DN1400

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: WCB

FIG: H4486



DIN Swing Check Valve

Nominal Diameter: DN50-DN400

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN16

Body Material: Cast Iron

WATER TREATMENT VALVE SERIES

FIG: C61



Rubber Flapper Check Valve

Design Standard: DIN, BS, GB

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16

Connection Method: EN1092-2

Body Material: Cast Iron, Ductile Iron

FIG: CB2A



Threaded Ball Check Valve

Nominal Diameter: DN32-DN80

Pressure Rating: PN10, PN16

Connection Method: BSPP, BSPT, BSP

Body Material: Ductile Iron

FIG: CB1A



Flange Ball Check Valve

Nominal Diameter: DN32-DN600

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, EN1092-2 PN16 and AS2129 Table E

Body Material: Ductile Iron



FIG: C10

Wafer Dual Plate Check Valve

Design Standard: API 594

Face to Face: API 594, DIN3202 K3

Nominal Diameter: DN40-DN800

Pressure Rating: PN10, PN16

Connection Method: EN1092 PN10, PN16, ANSI B16.1 CLASS125,
AS2129 T/D or T/E

Body Material: Cast Iron, Ductile Iron, WCB, Stainless Steel



FIG: C302

Single Disc Wafer Check Valve

Nominal Diameter: DN50-DN600

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10, PN16, ANSI B16.1

Body Material: Cast Iron, Ductile Iron, Stainless Steel



FIG: C30

Single Disc Wafer Swing Check Valve

Design Standard: DIN, GB

Nominal Diameter: DN32-DN600

Pressure Rating: PN6, PN10, PN16, PN25, PN40

Connection Method: EN1092-2

Body Material: WCB, SS304, SS316

WATER TREATMENT VALVE SERIES

FIG: CC0038



Flange Silent Check Valve

Design Standard: DIN, GB, BS, ANSI

Nominal Diameter: DN40-DN600

Pressure Rating: PN10, PN16, PN25, CLASS 125, 10K

Connection Method: EN1092-2, ANSI

Body Material: Ductile Iron

FIG: C43



Wafer Silent Check Valve

Nominal Diameter: DN50-DN300

Pressure Rating: PN16, Class125

Connection Method: EN1092-2 PN16, ANSI B16.1 Class125

Body Material: Cast Iron, Ductile Iron

FIG: N471W/N411W/N171W



DIN/AS Knife Gate Valve

Design Standard: JB308

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16

Connection Method: Wafer

Body Material: Cast Iron, Ductile Iron



FIG: A14S

Thread End Single Orifice Air Release Valve

Design Standard: DIN, BS, ANSI

Nominal Diameter: DN15-DN32

Pressure Rating: PN10, PN16, PN25

Connection Method: Thread

Body Material: Cast Iron, Ductile Iron



FIG: A11S

Single Orifice Air Release Valve

Design Standard: DIN, BS, ANSI

Nominal Diameter: DN50-DN250

Pressure Rating: PN10, PN16

Connection Method: Flange

Body Material: Ductile Iron



FIG: A32X

Double Orifice Air Release Valve

Design Standard: DIN, BS, ANSI

Nominal Diameter: DN50-DN200

Pressure Rating: PN10, PN16, PN25

Connection Method: Flange

Body Material: Cast Iron, Ductile Iron

HEAT SYSTEM CONTROL VALVE SERIES



FIG: CM0030

Static Balancing Valve, Flange Ends

Design Standard: BS 7350; EN558 Series 1

Nominal Diameter: DN15-DN600

Pressure Rating: PN10, PN16, PN25

Connection Method: Flanges Drilled According to EN 1092-2

Body Material: Ductile Iron



FIG: CM0038

Differential Pressure Control Valve (DPCV), Flange Ends

Nominal Diameter: DN65-DN250

Pressure Rating: PN16, PN25

Connection Method: ISO 7005-2

Body Material: Ductile Iron



FIG: CM0039, CM0050

Two/Three-Way Control Valve

Nominal Diameter: DN15-DN300

Pressure Rating: PN16, PN25

Connection Method: Flanges Drilled According to EN 1092-2

Body Material: Cast Iron, Ductile Iron

FIG: CM0028



Static Balancing Valve, Thread Ends

Nominal Diameter: DN15-DN50

Pressure Rating: PN16, PN25

Connection Method: Thread: ISO 228-1

Body Material: Brass

FIG: CM0025



Static Balancing Valve, Thread Ends

Nominal Diameter: DN15-DN50

Pressure Rating: PN16, PN25

Connection Method: Thread: ISO 228-1

Body Material: Brass

FIG: CM0036



**Differential Pressure Control Valve (DPCV),
Thread Ends**

Nominal Diameter: DN25-DN50

Pressure Rating: PN16, PN25

Connection Method: ISO 7-1

Body Material: Brass

HEAT SYSTEM CONTROL VALVE SERIES

FIG: HG711Z, HG6711Z, HG9711Z



Segment Ball Valve

Nominal Diameter: DN25-DN500

Pressure Rating: PN10, PN16, PN25, PN40, PN63, ANSI 150,
ANSI 300, ANSI 6000

Connection Method: GB/T 9113-2010, ASME B16.5, EN1092 1:2001

Body Material: WCB, Stainless Steel

FIG: M964



Pilot Pressure Reducing Valve

Nominal Diameter: DN50-DN200 (Not Include DN125)

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: Ductile Iron

FIG: M965



Pilot Pressure Sustaining Valve

Nominal Diameter: DN50-DN200 (Not Include DN125)

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: Ductile Iron

FIG: M966



Pilot Pressure Relief Valve

Nominal Diameter: DN50-DN200 (Not Include DN125)

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: Ductile Iron

FIG: M967



Pilot Float Valve

Nominal Diameter: DN50-DN200 (Not Include DN125)

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: Ductile Iron

FIG: M969



Pilot Control Solenoid Control Valve

Nominal Diameter: DN50-DN200 (Not Include DN125)

Pressure Rating: PN10, PN16

Connection Method: EN1092-2 PN10 / PN16

Body Material: Ductile Iron

INDUSTRIAL VALVE SERIES



FIG: HB6411Z

Ceramic Ball Valve

Design Standard: GB/T 12237, ANSI 16.34

Nominal Diameter: DN50-DN200

Pressure Rating: PN10, PN16, 150LBS, 300LBS

Connection Method: Flange

Body Material: Ductile Iron



FIG: HG711Z, HG6711Z, HG9711Z

Ceramic Knife Gate Valve

Design Standard: JB/T 8691-1998

Nominal Diameter: DN50-DN500

Pressure Rating: PN10, PN16

Connection Method: Wafer

Body Material: Ductile Iron, WCB



FIG: HG6711Z, HG6411Z, HG6421/2Z

Ceramic Double Gate Valve

Design Standard: GB/T 12237

Nominal Diameter: DN50-DN250

Pressure Rating: PN10, PN16

Connection Method: Wafer

Body Material: Ductile Iron

FIG: 7421A/7421B



1PC Stainless Steel Thread Ball Valve

Design Standard: DIN, ASME B16.34

Nominal Diameter: DN15-DN100

Pressure Rating: PN16-PN64, 10K, 16K, 125-150LB

Connection Method: Thread

Body Material: SS304, SS316

FIG: 7412A/7412B



2PC Stainless Steel Thread Ball Valve

Design Standard: DIN, ASME B16.34

Nominal Diameter: DN15-DN100

Pressure Rating: PN16-PN64, 10K, 16K, 125-150LB

Connection Method: Thread

Body Material: SS304, SS316

FIG: CV0030



High Pressure Ceramic Ball Valve

Design Standard: ANSI B16.34

Nominal Diameter: DN25-DN200, 1"-8"

Pressure Rating: PN10, PN16, 150LB-600LB

Connection Method: Flange

Body Material: A105 304 316

AUTOMATIC CONTROL VALVE SERIES



FIG: 121L, 121W, 122L, 122W

High Performance Butterfly Valve

Design Standard: MSS SP-68, API 609, ANSI B16.34

Nominal Diameter: DN50-DN600

Pressure Rating: Class150, Class300

Connection Method: Wafer, Lug

Body Material: Cast Iron, Ductile Iron



FIG: 114W

Wafer Anti-corrosion Lined Butterfly Valve

Nominal Diameter: DN50-DN300

Pressure Rating: PN10, PN16, Class125, 10K, 16K

Connection Method: ANSI B16.5, EN1092, JIS B2220

Body Material: Ductile Iron, Carbon Steel, Stainless Steel



FIG: P11F

Non-lubricated Plug Valve

Nominal Diameter: DN20-DN150

Pressure Rating: Class150

Connection Method: ANSI B16.5

Body Material: Stainless Steel

FIG: 7341W



V-Port Segment Control Valve

Nominal Diameter: DN25-DN250

Pressure Rating: Class150, Class300

Connection Method: ASME / ANSI B16.34

Body Material: Carbon Steel, Stainless Steel, Alloy Steel

FIG: F7312



Metal Seated Ball Valve

Nominal Diameter: DN50-DN300

Pressure Rating: Class150, Class300, Class600

Connection Method: ANSI B16.34

Body Material: WCB, Stainless Steel

FIG: HG711Z, HG6711Z, HG9711Z



Ceramic Knife Gate Valve

Nominal Diameter: DN50-DN400

Pressure Rating: Max.2.5Mpa, 150LB

Connection Method: GB/T 9113-2000, ANSI B16.5, DIN, JIS

Body Material: Ductile Iron, WCB, Stainless Steel

FIRE PROTECTION VALVE SERIES



FIG: Z3113UF-FF/GG/MM,Z3713UF-FF/GG/MM

FM/UL Approved AWWA / ANSI Resilient Seated Gate Valve

Design Standard: AWWA C505 / C509

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Flange, Mechanical, Groove

Body Material: Ductile Iron



FIG: Z3713B-MM

AWWA C515/509 UL FM Mechanical Joint Ends NRS Resilient Wedge Gate Valve

Design Standard: AWWA C515 / C509

Nominal Diameter: 3"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: AWWA C111 / A21.11

Body Material: Ductile Iron



FIG: Z3113UF-FF

FM/UL Flange Rising Stem Resilient Seated Gate Valve

Design Standard: AWWA C505 / C509

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Flange

Body Material: Ductile Iron

FIG: Z3113B-MM



AWWA C515/509 UL FM Mechanical Joint Ends O.S.&Y. Resilient Wedge Gate Valve

Design Standard: AWWA C515 / C509

Nominal Diameter: 3"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: AWWA C111 / A21.11

Body Material: Ductile Iron

FIG: Z3713UF-GG



FM/UL Grooved Non-rising Stem Resilient Seated Gate Valve

Design Standard: AWWA C505 / C509

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron

FIG: Z3113UF-GG



FM/UL Grooved Rising Stem Resilient Seated Gate Valve

Design Standard: AWWA C505 / C509

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron

FIRE PROTECTION VALVE SERIES



FIG: B17W-UL

UL Listed Butterfly Valve

Design Standard: API 609, ISO 5752

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Wafer

Body Material: Ductile Iron



FIG: B17L-UL

UL Listed Butterfly Valve

Design Standard: API 609, ISO 5752

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Lug

Body Material: Ductile Iron



FIG: B17W-UL, B17L-UL, B93-UL

UL Listed Butterfly Valve

Design Standard: API 609, ISO 5752

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron

FIG: CS0009



ANSI Y Strainer

Nominal Diameter: 2"-24"

Pressure: Class125, Class150

Face to Face: ANSI B16.10

Connection Method: Flange

Body Material: Ductile Iron

FIG: CS0017



Grooved End Y Strainer

Connection Standard: AWWA C606

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron

FIG: CC0046



Grooved End Check Valve

Connection Standard: AWWA C606

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron

FIRE PROTECTION VALVE SERIES



FIG: CC0034

Fire Hydrant

Design Standard: AWWA C515 / C509

Nominal Diameter: 2"-12"

Pressure Rating: 175PSI, 200PSI, 250PSI, 300PSI

Connection Method: Grooved

Body Material: Ductile Iron



FIG: CC0049

FM/UL Wet Type Hydrant

Design Standard: AWWA C503 / FM1511 / UI246

Connection Standard: ASME B16.42 CLASS150, EN 1092-2 PN10, PN16

Pump Outlet Connection Standard: NFPA 1963 4.5-4NH

Hose Outlet Connection Standard: NFPA 1963 2.5-7.5NH

Material: Ductile Iron, Aluminum bronze



FIG: CC0045

FM/UL Dry Type Hydrant

Design Standard: AWWA C502

Connection Method: ASME B16.42 Class150, EN1092-2 PN16,
Mechanical Connection

Pressure Rating: 350PSI

Pump Outlet Connection Standard: NFPA 1963 4.5-4NH

Hose Outlet Connection Standard: NFPA 1963 2.5-7.5NH

Material: Ductile Iron, Aluminum Bronze

FIG: SF10A, SF10B, SF10C



Rubber Expansion Joint

Nominal Diameter: DN25-DN2000

Pressure Rating: PN10, PN16, PN25

FIG: FD10



Dismantling Joint

Nominal Diameter: DN40-DN2000

Pressure Rating: PN10, PN16, PN25, PN40

Connection Method: EN1092-2 PN10, PN16, PN25, PN40,
AS4087 PN16, PN21, PN35

Body Material: Ductile Iron

FIG: FC10



Universal Coupling

Nominal Diameter: DN40-DN600

Pressure Rating: PN10, PN16

Body Material: Ductile Iron

PIPE FITTINGS



FIG: FA802

Flange Adaptor For HDPE/PVC Pipe

Nominal Diameter: PE63-PE315

Pressure Rating: PN10, PN16

Body Material: Ductile Iron



FIG: RC100, RC200, RC300

Repair Clamp

Nominal Diameter: DN50-DN600

Pressure Rating: By Size



FIG: FA10-A

Flange Adaptor For DI/Steel/PVC Pipe

Nominal Diameter: DN40-DN600

Pressure Rating: PN10, PN16

Body Material: Ductile Iron



FIG: T503

Universal Tapping Saddle-Threaded Outlet

Nominal Diameter: OD40-OD500

Pressure: PN10, PN16

Head Stock: Ductile Iron

Rubber Seal: EPDM

Fasteners: Galvanized Carbon Steel, Stainless Steel

Band: Stainless Steel+Rubber



FIG: T501

Saddle Clamp For PVC/HDPE Pipe

Nominal Diameter: OD40-OD315

Pressure: PN10, PN16

Body: Ductile Iron

Sealing Ring: EPDM

Fasteners: Galvanized Carbon Steel, Stainless Steel



FIG: FA802-B

Tensile Restrained Flange Adaptor For PVC/HDPE Pipe

Nominal Diameter: DN350-DN1000

Pressure: PN10, PN16

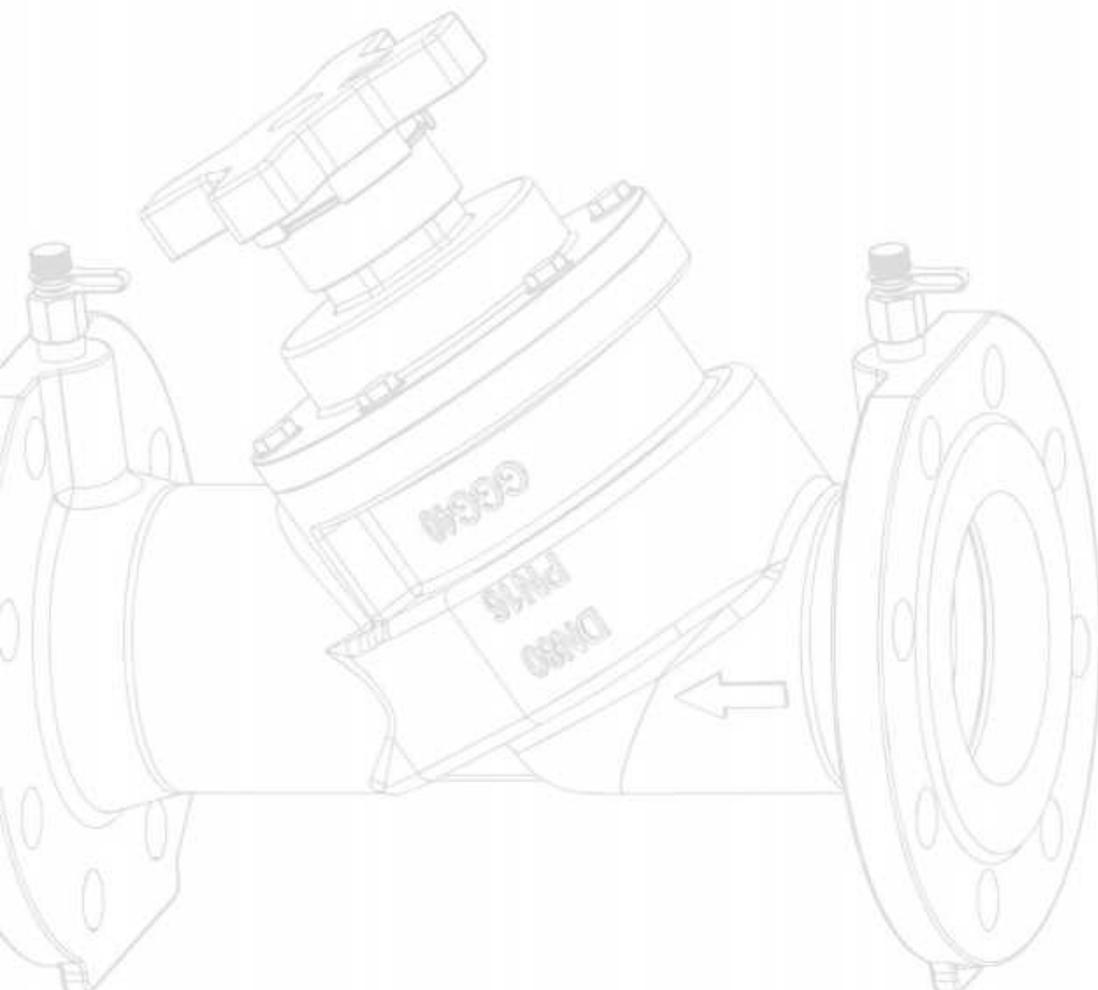
Body: Ductile Iron

End Ring: Ductile Iron

Sealing Ring: EPDM

Grip Tooth: SS304

Fasteners: Galvanized Carbon Steel, Stainless Steel



📍 18th Floor, Block B International Trade Center 107 Liuquan Road, Zibo City Shandong China

📍 No.2 Yingye Road, Huangtai Industrial, Park, Xiaozhan, Jinnan District Tianjin City China

📍 North End of Gongye 2 Road, Sangluoshu Industrial Zone, Binzhou City, Shandong China

☎ 86-533-6077200 / 6077206

✉ sales@hiwa.cn