



WATER VALVES

WCAT-TFL-1603

www.tyneflow.co.uk



ABOUT THE COMPANY

TYNE FLOW is a leading British manufacturing company established in the West Midlands to meet the growing demand for quality valves and couplers in local and global construction industry.

TYNE FLOW emphasis on quality, reliability, and is the right choice for contractors who consider engineered solutions for fluid network control and fire protection systems. Tyne has designed and developed products to meet the highest expectations of its customers, both domestic and internationally.

Tyne is committed to continually raise the benchmark for innovative design and quality through international accreditations under ISO 9001, ISO 14001 for manufacturing and UL & FM recognition for fire product compliance. Our extensive range of valves and couplers strictly comply with European and American standards.

Tyne Flow has a dedicated technical and distribution network to meet local sales and stock requirements for our customers throughout the region we serve.



OUR OTHER PRODUCT RANGES

HVAC Valves

Plumbing Valves

Balancing and Control Valves

Fire Solution

GATE VALVE

01-03

Resilient Seated Gate Valve PN 16/25 (F4)
 Resilient Seated Gate Valve PN 16/25 (F5)
 Resilient Seated Gate Valve BS 5163-PN16/25
 Resilient Seated Spigot End Gate Valve PN 16
 Resilient Seated Gate Valve Socket End-PN16
 Knife Gate Valve-PN10

BUTTERFLY VALVE

04-06

Butterfly Valve Wafer Type-PN 16/25
 Butterfly Valve Fully Lugged Type-PN 16/25
 Butterfly Valve Flanged U Type-PN 16/25
 Butterfly Valve Double Flanged-PN 16/25
 Butterfly Valve Double Flanged
 Eccentric Type -PN 16/25

CHECK VALVE

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Swing Check Valve PN 16/25

AIR VALVE

07

Single Orifice Air Valve PN 16
 Double Orifice Air Valve PN 16

STRAINER

08

Strainer-Y Type PN 16/25
 Strainer-Basket Type PN 16/25

CONTROL VALVE

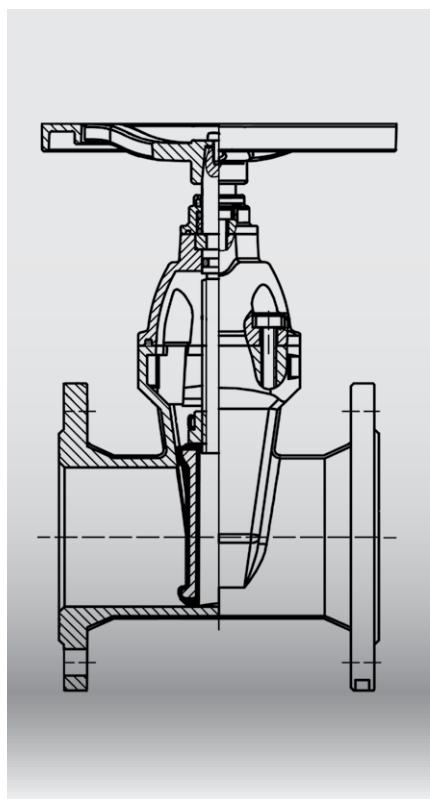
09-11

Remote Float Control Valve PN 16
 Pressure Differential Valve PN 16
 Pressure Reducing Valve PN 16
 Pressure Sustaining/Reducing Valve PN 16
 Surge Anticipation Valve PN 16
 Pressure Relief/ Sustaining Valve PN 16

Pipe Fittings

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Universal Coupling PN 16
 Flange Adaptor PN 16
 Dismantling Joint PN 16



Resilient Seated Gate Valve (F4)

Fig.No: 14163G1- PN16
14253G1- PN25

Standards:

- Design Conforms to EN 1074-2
- Face to face conforms to EN 558-Series 3
- Flange drilling conforms to EN 1092-2

Working pressure and temperature:

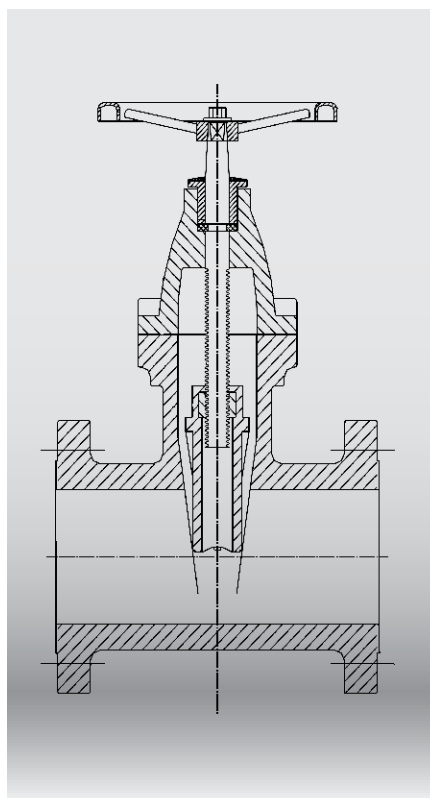
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +85°C for NBR
- Working temperature: -10°C to +120°C for EPDM

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, gearbox, Square Cap
DN 50-DN 600	PN 25	Ductile Iron		

Features:

- Handwheel Operated, Cap Operated.
- Ductile iron wedge fully vulcanized with EPDM rubber.
- O-ring stems seals replaceable under pressure.
- Fully corrosion resistant construction.
- Blue fusion bonded epoxy coating.



Resilient Seated Gate Valve (F5)

Fig.No: 14163G2- PN16
14253G2- PN25

Standards:

- Design Conforms to EN 1074-2
- Face to face conforms to EN 558-Series 3
- Flange drilling conforms to EN 1092-2

Working pressure and temperature:

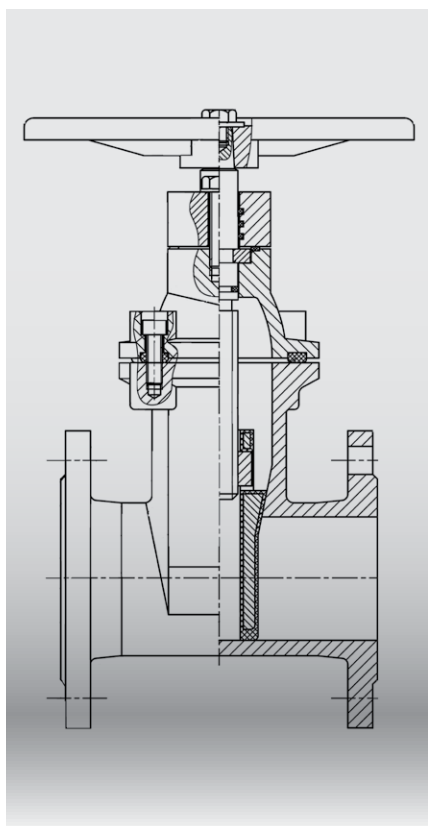
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +85°C for NBR
- Working temperature: -10°C to +120°C for EPDM

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, gearbox, Square Cap
DN 50-DN 600	PN 25	Ductile Iron		

Features:

- Handwheel Operated, Cap Operated.
- Ductile iron wedge fully vulcanized with EPDM rubber.
- O-ring stems seals replaceable under pressure.
- Fully corrosion resistant construction.
- Blue fusion bonded epoxy coating.



Resilient Seated Gate Valve BS 5163

Fig.No: 14163G3 - PN 16
14253G3 - PN 25

Standards:

- Design Conforms to BS5163
- Face to face conforms to EN 558-Series 3
- Flange drilling conforms to EN 1092-2

Working pressure and temperature:

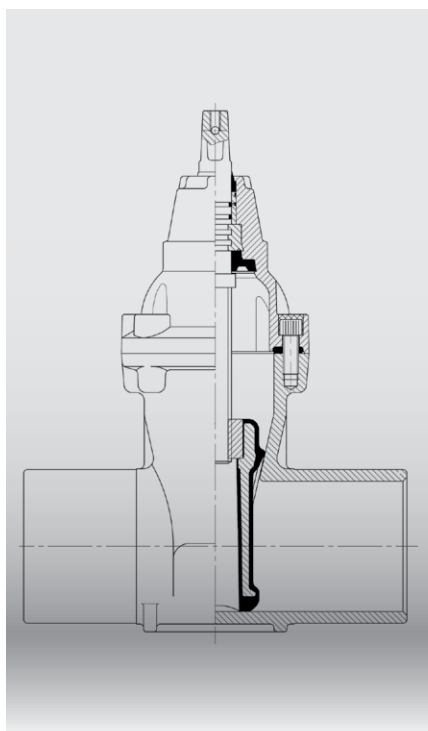
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +85°C for NBR
- Working temperature: -10°C to +120°C for EPDM

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, gearbox, Square Cap
DN 50-DN 600	PN 25	Ductile Iron		

Features:

- Unique lightweight ductile iron design
- Durable fusion bonded epoxy coated
- Stem seals replaceable under pressure
- Clockwise closing spindle as standard, clockwise opening on request
- Corrosion resistant construction
- 100% full bore
- Robust low maintenance design suitable for buried service



Spigot End Gate Valve

Fig.No: 14163G4 - PN 16

Standards:

- Design according to EN 1074 part 1 & 2/ EN 1171
- Face to face conforms to EN 558 Table 2 Basic series 15

Working pressure and temperature:

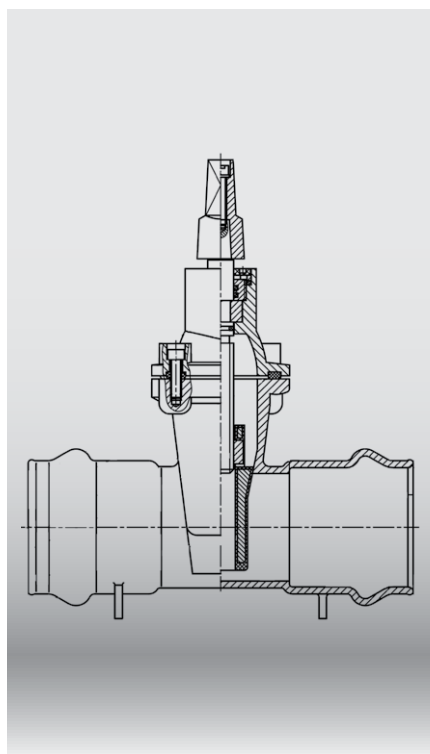
- Working Pressure PN 16
- Working temperature: -10°C to +85°C for NBR
- Working temperature: -10°C to +120°C for EPDM

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 300	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, Operating Cap, Extension spindle

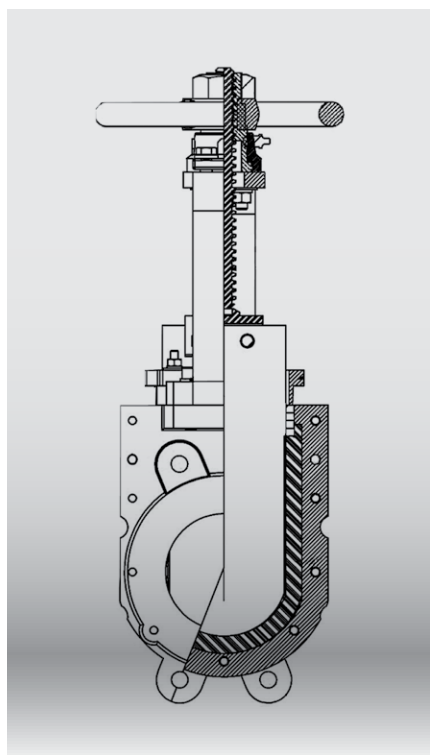
Features:

- Plastic sliding caps on the wedge provides low torques.
- Pull-out proof due to positive connection and friction-locked connection
- Short assembly times due to easy assembly or disassembly
- Variable use for ductile cast iron pipes or plastic pipes due to easy replacement of sealing ring
- Corrosion resistant stems sealing and low Maintenance.



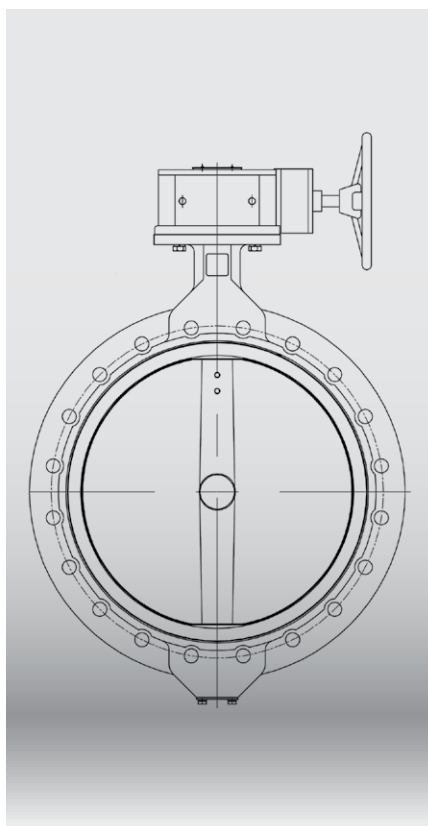
Resilient Seated Socket End Gate Valve

Fig.No:	14163G5 – PN 16			
Standards: - Design according to EN 1074 part 1 & 2/ EN 1171 - Face to face conforms to EN 558 Table 2 Basic series 15		Working pressure and temperature: - Working Pressure PN 16 - Working temperature: -10°C to +85°C for NBR - Working temperature: -10°C to +120°C for EPDM		
Valve Selection				
Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 300	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, Operating Cap, Extension spindle
Features: - Plastic sliding caps on the wedge provides low torques. - Pull-out proof due to positive connection and friction-locked connection - Short assembly times due to easy assembly or disassembly - Variable use for ductile cast iron pipes or plastic pipes due to easy replacement of sealing ring - Corrosion resistant stems sealing and low Maintenance.				



Knife Gate Valve

Fig.No:	14103G6 – PN 10			
Standards: - Face to face conforms to EN 558-1 - Flange drilling conforms to EN 1092-2		Working pressure and temperature: - Working Pressure PN 10 - Working temperature: -10°C to +80°C		
Valve Selection				
Size	Pressure (PN)	Body Material	Coating	Operation
DN 50-DN 1200	PN 10	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Handwheel, Operating Cap, Extension spindle
Features: - Easy installation. - Molded Steel reinforcement and rubber Seat eliminates gate movement from displacing Seat. - Corrosion resistant and durable stainless steel gate. - Corrosion resistant Stainless Steel Stem. - Complete packing seal around gate minimizes the possibility for packing leakage. - Corrosion resistant epoxy coating.				



Resilient Seated Butterfly Valve Wafer Type

Fig.No: 44161B1 - PN16
44251B1 - PN25

Standards:

- Complies with EN 593/BS 5155
- Flanges to BS EN 1092-2
- Top flanges complies with ISO 5211/1

Working pressure and temperature:

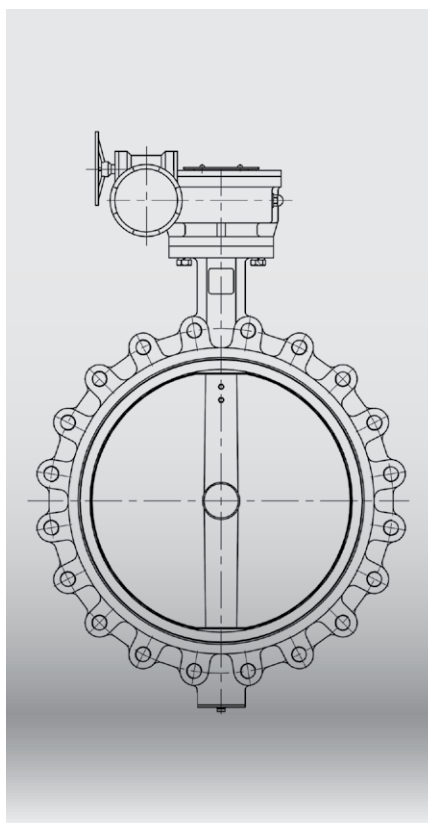
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +80°C-NBR seat
- Working temperature: -20°C to +120°C-EPDM seat

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 65-DN1200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Lever Operated Worm Gear Box Electric Actuator
DN 65-DN1200	PN 25	Ductile Iron		

Features:

- Wide selection of materials
- Applicable for various medium
- Maintenance free valve
- Simple and compact construction
- Quick 90 degrees on-off operation
- Minimized operating torque, energy saving.



Resilient Seated Butterfly Valve Fully Lugged Type

Fig.No: 44162B2 - PN16
44252B2 - PN25

Standards:

- Complies with EN 593/BS 5155
- Flanges to BS EN 1092-2
- Top flanges complies with ISO 5211/1

Working pressure and temperature:

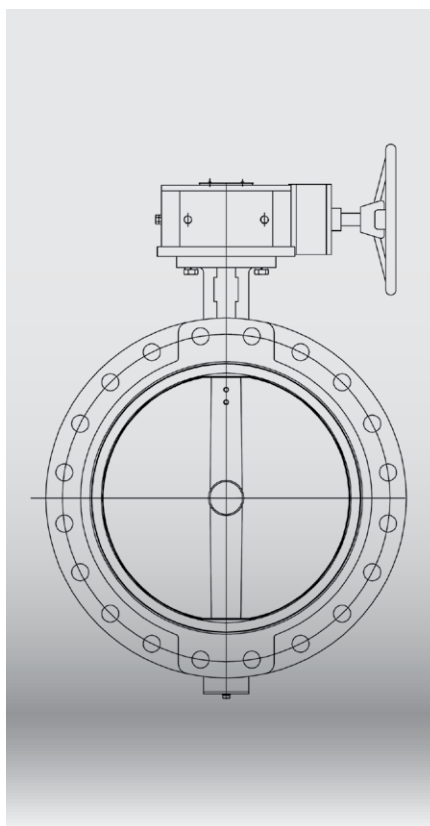
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +80°C-NBR seat
- Working temperature: -20°C to +120°C-EPDM seat

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 65-DN1200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Lever Operated Worm Gear Box Electric Actuator
DN 65-DN1200	PN 25	Ductile Iron		

Features:

- Valve body fully lugged
- Long neck for insulation
- Can be mounted in any direction
- Interchangeable seat
- Maintenance free
- Tight in both flow direction
- Good control characteristics



Resilient Seated Butterfly Valve Flanged U Type

Fig.No: 44163B3 - PN16
44253B3 - PN25

Standards:

- Complies with EN 593/BS 5155
- Face to face EN 558 series 20 (DIN 3202) BS5155 series 4
- Flanges to BS EN 1092-2

Working pressure and temperature:

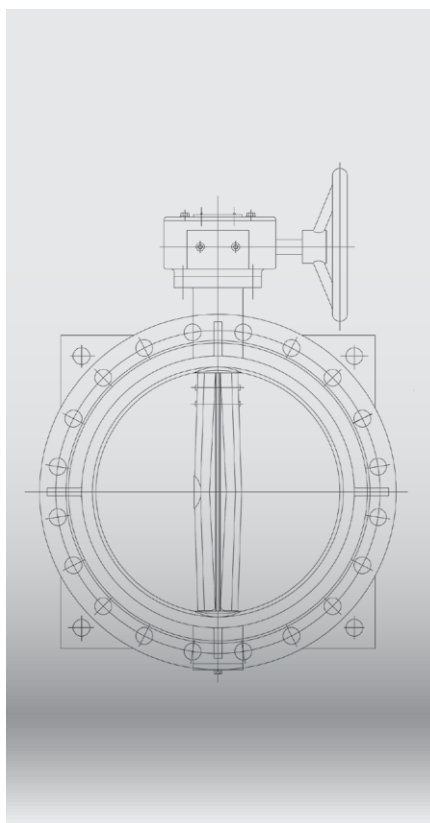
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +80°C-NBR seat
- Working temperature: -20°C to +120°C-EPDM seat

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 65-DN1200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Lever Operated Worm Gear Box Electric Actuator
DN 65-DN1200	PN 25	Ductile Iron		

Features:

- Wide selection of materials
- Applicable for various medium
- Maintenance free valve
- Simple and compact construction
- Quick 90 degrees on-off operation
- Minimized operating torque, energy saving.



Resilient Seated Butterfly Valve Double Flanged

Fig.No: 44163DB4 - PN16
44253DB4 - PN25

Standards:

- Complies with EN 593/BS 5155
- Face to face ISO 5752 series 13/EN 558 series 13/BS5155 series 2
- Top flanges complies with ISO 5211/1

Working pressure and temperature:

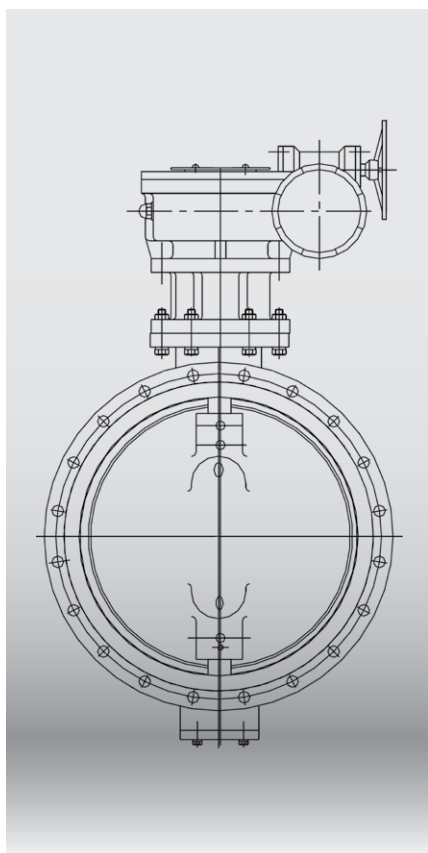
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +80°C-NBR seat
- Working temperature: -20°C to +120°C-EPDM seat

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 65-DN1200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Lever Operated Worm Gear Box Electric Actuator
DN 65-DN1200	PN 25	Ductile Iron		

Features:

- The heavy duty double flanged design is suitable for high pressure loading
- Excellently suited for use in shipbuilding, waterworks, iron & steel industry and power stations.
- Absolutely tight shut-off in either flow direction.
- Gear//Hydraulic/Electric Actuator.
- Can be installed in any desired direction.
- Good control characteristics
- Maintenance free



Double Eccentric Butterfly Valve

Fig.No: 44163B5 - PN16
44253B5 - PN25

Standards:

- Design according to EN 593
- Face to face EN 558 Table 2 Basic series 14
- Standard Flange drilling to EN 1092 (ISO 7005-2)

Working pressure and temperature:

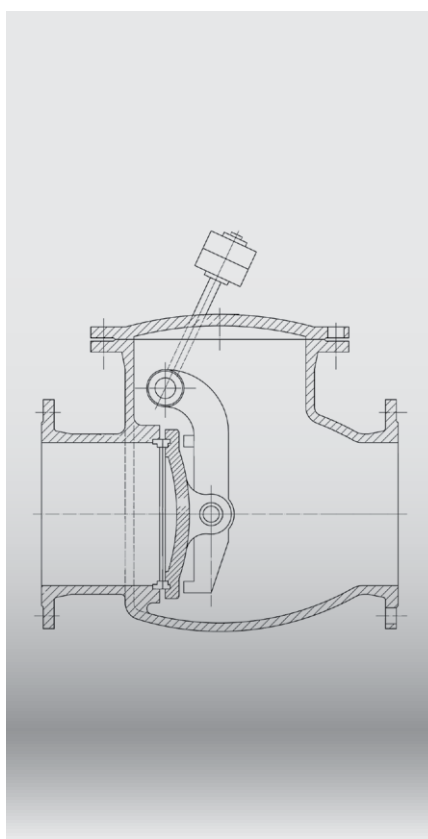
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Operation
DN 150-DN1200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Lever Operated Worm Gear Box Electric Actuator
DN 150-DN1200	PN 25	Ductile Iron		

Features:

- The tilted disc releases the compression of the disc sealing after a few degrees of opening, which extends the durability and gives low operating torques
- The disc is fixated to prevent wear and fluttering
- The disc seal profile and rubber quality ensure low closing torques
- Seal retainer ring of carbon steel, Optional Stainless Steel ring available
- The threaded bolt holes in the disc are corrosion protected
- Optional locking device
- Body and disc of ductile iron with epoxy power coating



Check Valve - Swing Type

Fig.No: 34161C1 - PN16
34251C1 - PN25

Standards:

- Design Conforms to EN1074-3/EN 122334-3
- Face to face conforms to EN 558-1 basic series 48/ DIN 3202 F6
- Flange dimension : EN 1092-2/DIN 2533/BS4504

Working pressure and temperature:

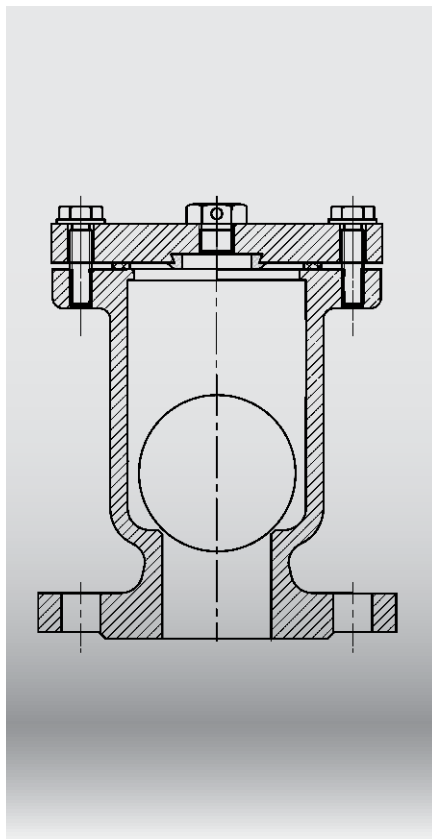
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +120°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Accessories
DN 50-DN1000	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating RAL 5015	Option can be supplied with weight and lever arm
DN 50-DN200	PN 25	Ductile Iron		

Features:

- Low pressure loss
- Body and bonnet are bolted.
- Lever and weight useable for position indicator
- With access bonnet for maintenance
- The sealing is made of rubber (NBR, EPDM)
- The valve can be installed either in a horizontal or vertical position.
- It is virtually noiseless and capable of sealed closing even in low pressure situations.



Single Orifice Air Valve

Fig.No: 84161A1- PN16

Standards:

- Design Conforms to EN1074 - 1 & 4
- Flange dimension : EN 1092-2/DIN 2533/BS4504/ASME 16.1

Working pressure and temperature:

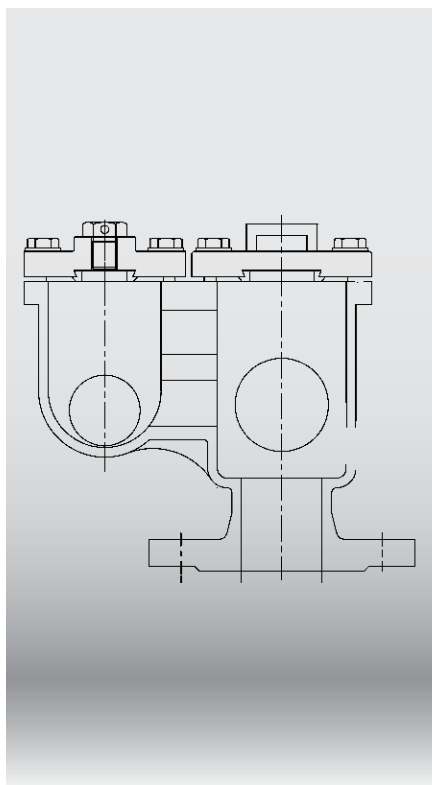
- Working Pressure PN 16
- Working temperature: -10°C to +85°C-NBR sealing
- Working temperature: -10°C to +120°C-EPDM Sealing

Valve Selection

Size	Pressure (PN)	Body Material	Coating	End Connection
DN 50-DN200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015	Threaded End Connection (Optional) for sizes DN 15-50
				Flanged End Connection

Features:

- Single chamber air valve, directly operated by the flow medium
- During operation, small amounts of air are vented in domestic water supply pipelines.
- Easy installation.
- Stainless Steel integral parts.
- Plastic float/SS float
- Bronze trim for all inner parts and outside epoxy coating.



Double Orifice Air Valve

Fig.No: 84161A2- PN16

Standards:

- Design Conforms to EN1074 - 1 & 4
- Flange dimension : EN 1092-2/DIN 2533/BS4504/ASME 16.1

Working pressure and temperature:

- Working Pressure PN 16
- Working temperature: -10°C to +85°C-NBR sealing
- Working temperature: -10°C to +120°C-EPDM Sealing

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50-DN200	PN 16	Ductile Iron/Cast Iron	Epoxy Powder Coated RAL5010, RAL5015

Features:

- Float design prevents air rushing out of the system from prematurely closing the valve
- Large air flow volume
- Fusion bonded epoxy coating for all iron parts with contact to the water.
- Corrosion resistant stainless steel parts in contact with the water.
- Moving parts do not come in direct contact with internal coating.
- Easy installation.

Strainer Y Type

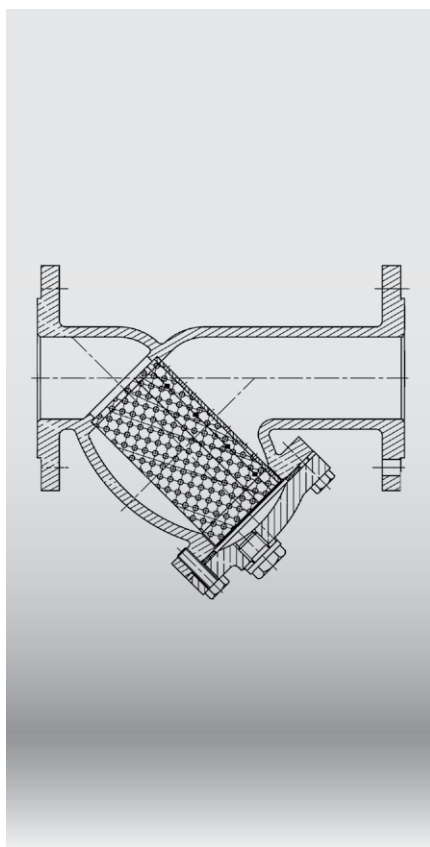


Fig.No: 74161S1 – PN16
74251S1 – PN25

Standards:

- Face to face EN 558 Table 2 Basic series 14/ASME B16.1/DIN 2533/BS 4504
- Flange dimension: EN 1092-2/DIN 3201 F1/BS 2080

Working pressure and temperature:

- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +120°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Mesh Material
DN 65 –DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating RAL 5015	SS304/SS316/SS316L
DN 65 –DN 600	PN 25	Ductile Iron		

Features:

- The position of the drain plug enables full drainage without removing the lid
- Quick removal of lid for maintenance
- Screen of stainless steel 304,316,316L
- Fusion bonded epoxy coating.
- Easy maintenance cost
- Low head loss.
- Standard perforation for DN 65 to DN 80 is 1.2 mm and for DN 100 to DN 600 is 3.0mm.

Strainer Basket Type

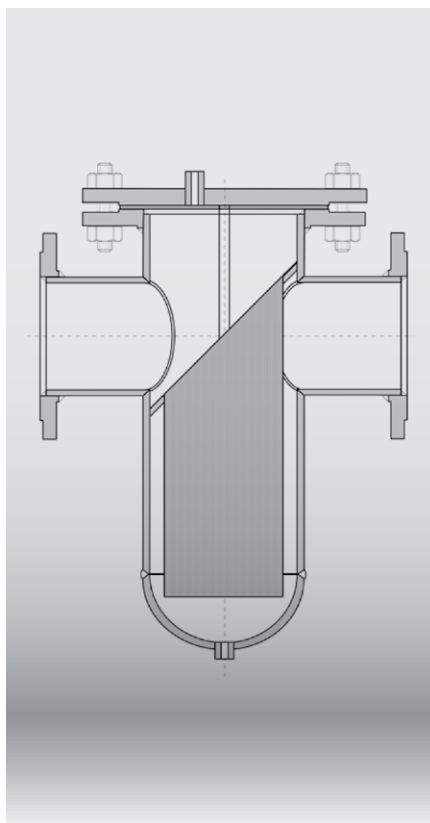


Fig.No: 74162S2 – PN16
74252S2 – PN25

Standards:

- Face to face EN 558 Table 2 Basic series 14/ASME B16.1/DIN 2533/BS 4504
- Flange dimension: EN 1092-2/DIN 3201 F1/BS 2080

Working pressure and temperature:

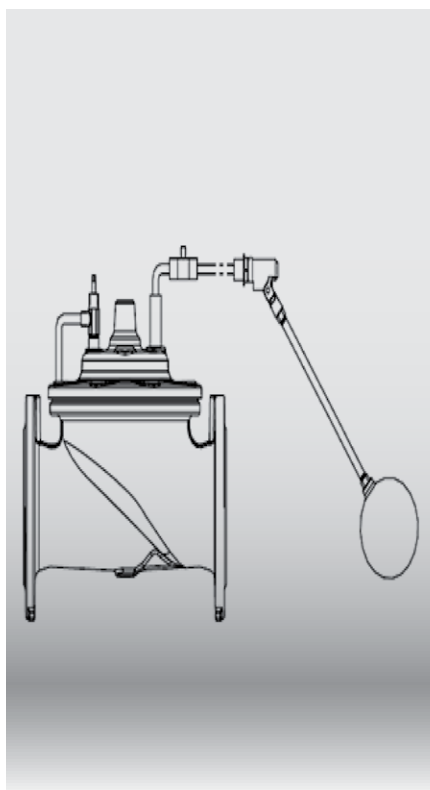
- Working Pressure PN 16/PN 25
- Working temperature: -10°C to +120°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating	Mesh Material
DN 65 –DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating RAL 5015	SS304/SS316/SS316L
DN 65 –DN 600	PN 25	Ductile Iron		

Features:

- Easy cleaning or replacing the element.
- Compact size and Low weight
- Low Pressure drop across the filter.
- Low Installation and maintenance.
- Interchangeability of component with another of same type.
- Easy maintenance cost
- Standard perforation for DN 65 to DN 80 is 1.2 mm and for DN 100 to DN 600 is 3.0mm.



Remote Float Control Valve

Fig.No: 174161 - PN16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

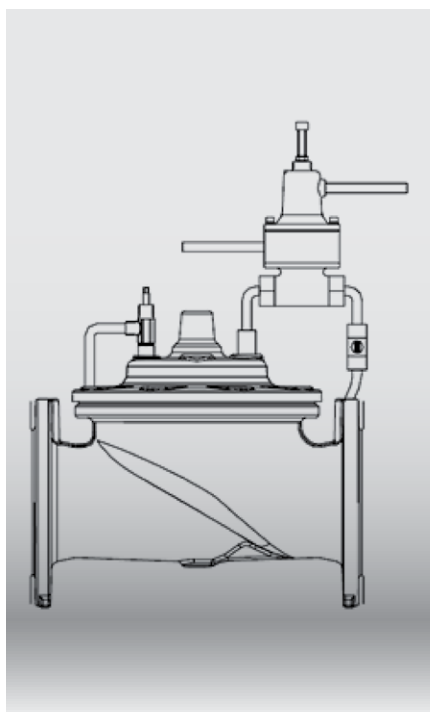
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- Top and seat ring guided stem and diaphragm assembly for long life and reliability.
- Maintain a constant high water level, the float pilot will shut off and close the main valve.
- Remote float pilot closes when water level rises to high level, and opens when water level drops.
- Hydraulically operated accurate and repeatable level control.
- Built in Nylon reinforced rubber diaphragm for strength and accuracy
- Float control pilot valve features easy operation and accurate level control.
- Internal and external epoxy powder coating.



Pressure Differential Valve

Fig.No: 194161 - PN16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

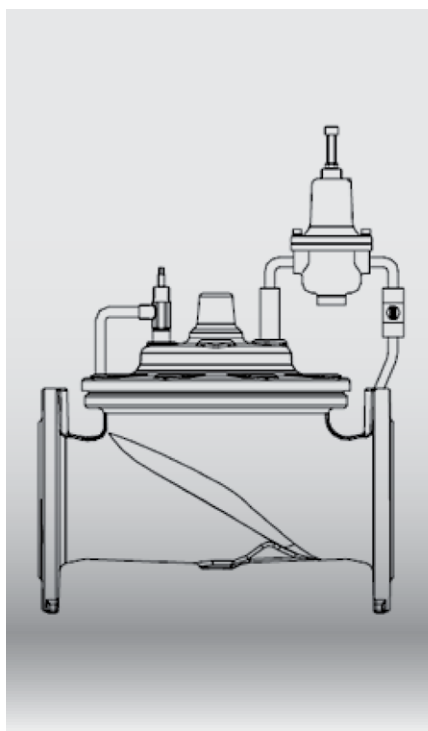
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- The main valve will open against the system pressure differential exceeds the pilot setting.
- It is hydraulically operated, pilot-controlled modulating valve.
- Tends to open on an increase in differential pressure and close on a decrease in differential pressure
- Pressure settings can be easily changed.
- Complete automatic operation
- Easy installation and easy maintenance



Pressure Reducing Valves

Fig.No: 133161 - PN16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

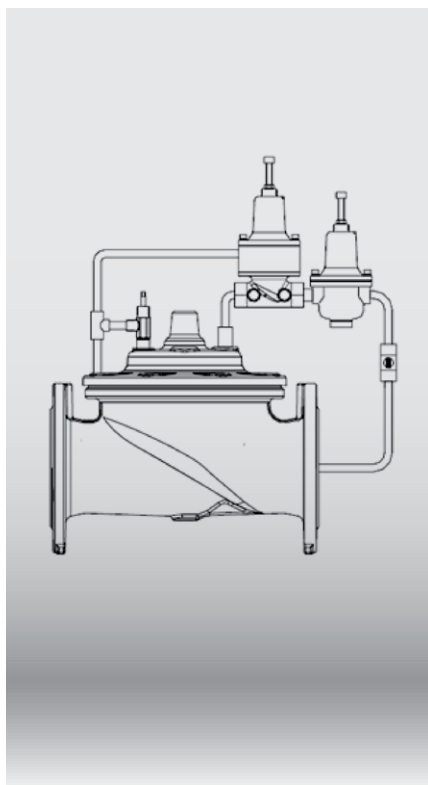
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- Will reduce the higher upstream pressure and keep the downstream pressure as the pilot setting (adjustable).
- Excellent low flow stability
- Easily and precisely set the downstream pressure
- Low maintenance
- Easy installation
- High stability and accurate



Pressure Sustaining/Reducing Valve

Fig.No: 133161 - PN16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

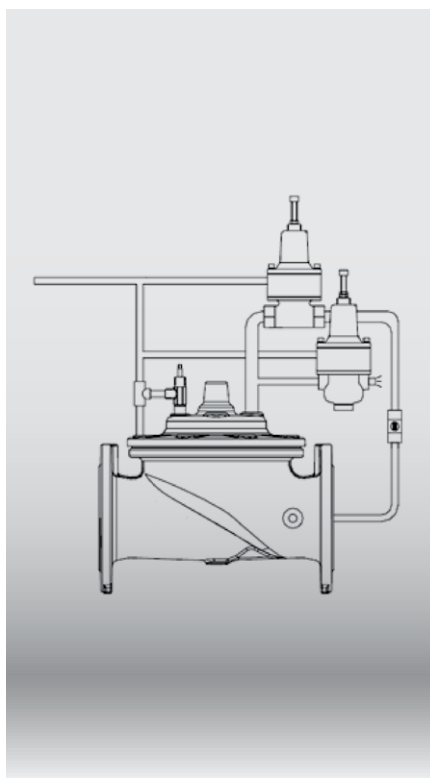
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- Will reduce the higher upstream pressure and keep the downstream pressure as the pilot setting (adjustable).
- The sustaining pilot keeps the upstream pressure above the pilot setting to prevent dropping the inlet pressure below the setting.
- Accurate Response to Slight Pressure Changes
- Check Feature Available
- Completely Automatic Operation
- Drip-Tight, Positive Seating Action
- Operation is Fully Hydraulic



Surge Anticipation Valve

Fig.No: 1104161 - PN16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

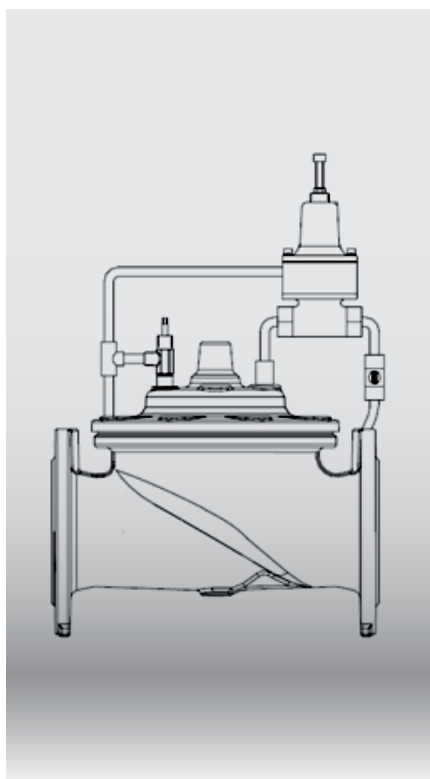
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- Pilot is used for sensing to open at low pressure for quick relief high pressure wave.
- The pre-open function eliminates the surge during pump abrupt stoppage.
- The valve releases excessive system pressure.
- High flow capacity
- Light weight
- High control accuracy
- Powder coated internally and externally
- Low maintenance and easy installation



Pressure Relief/Sustaining Valve

Fig.No: 184161 - PN 16

Standards:

- Design Conforms to EN1074-4
- Face to face conforms to EN 558-1
- End connection conforms to BS EN 1092-2

Working pressure and temperature:

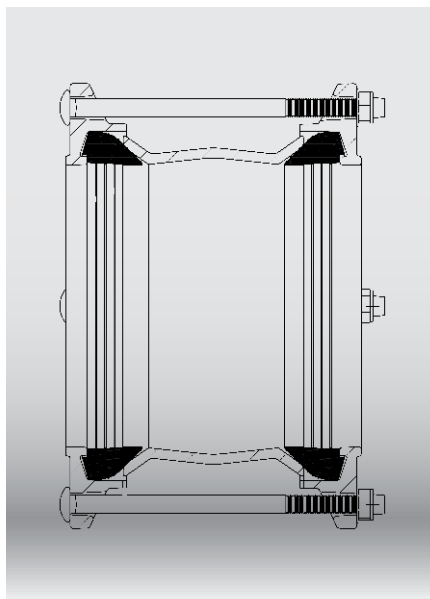
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Valve Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 -DN 600	PN 16	Ductile Iron/Cast Iron	Epoxy powder coating

Features:

- Relief: whenever the system pressure exceeds the preset of pilot, the valve will immediately open to release excess pressure and keep the system in a safety environment.
- Sustaining: prevents upstream pressure (mainline) from dropping below the preset pressure.
- Pressure Relief/sustaining pilot features easy operation and accurate pressure control
- Diaphragm assembly for long term life service and reliable performance
- Low maintenance and easy installation



Universal Coupling

Fig.No: TFC10 – PN16

Working pressure and temperature:

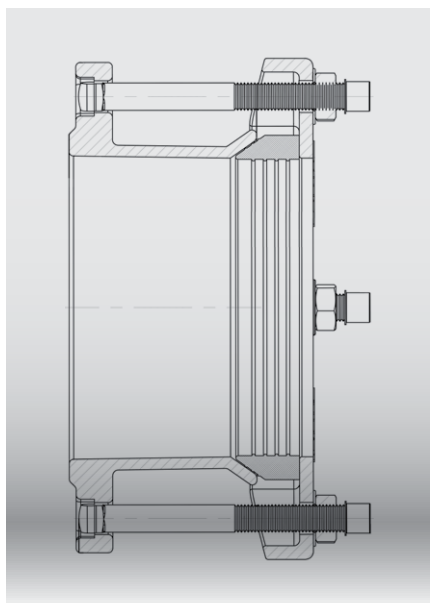
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Fittings Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 –DN 300	PN 16	Ductile Iron/Cast Iron	Fusion Bonded Epoxy Coated

Features:

- Ductile iron material with fusion bonded epoxy coating.
- PN 16 working pressure.
- Equipped with galvanized steel bolts, nuts.
- EPDM or NBR rubber seals.
- High tolerance mechanical pipe fittings.



Universal Flange Adaptor

Fig.No: TFA10 – PN16

Standards:

- Flange drilling conforms to BS EN 1092-2

Working pressure and temperature:

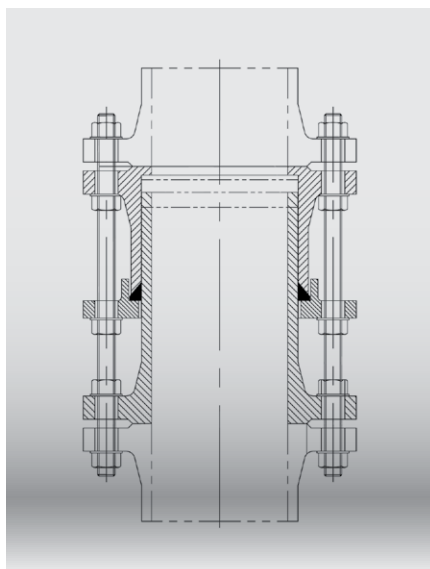
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Fittings Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 –DN 300	PN 16	Ductile Iron/Cast Iron	Fusion Bonded Epoxy Coated

Features:

- Ductile iron material with fusion bonded epoxy coating.
- PN 16 working pressure.
- Equipped with galvanized steel bolts, nuts.
- EPDM or NBR rubber seals.
- High tolerance mechanical pipe fittings.



Dismantling Joint

Fig.No: TFD10 – PN16

Standards:

- Flange drilling conforms to BS EN 1092-2

Working pressure and temperature:

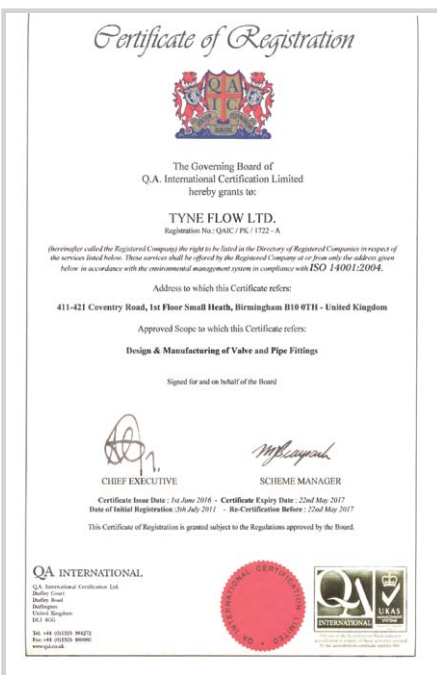
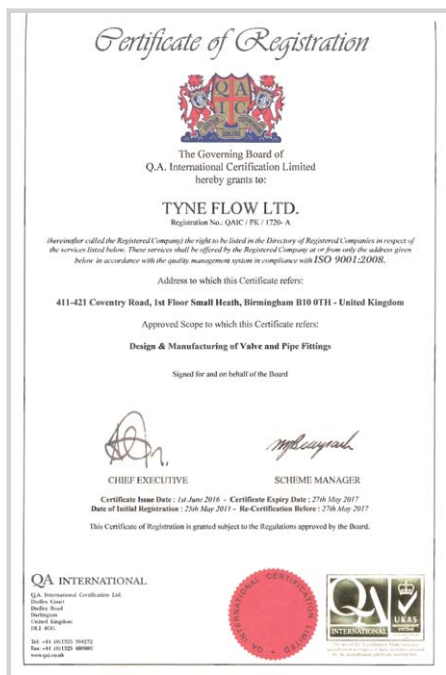
- Working Pressure PN 16
- Working temperature: -10°C to +80°C

Fittings Selection

Size	Pressure (PN)	Body Material	Coating
DN 50 –DN 600	PN 16	Ductile Iron/Cast Iron	Fusion Bonded Epoxy Coated

Features:

- Ductile iron material with fusion bonded epoxy coating.
- PN 16 working pressure.
- Equipped with galvanized steel bolts, nuts.
- EPDM or NBR rubber seals



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HMRZ.EX16221
Gate Valves

[See General Information for Gate Valves](#)

TYNE FLOW LTD
1ST FL SMALL HEATH
411-421 COVENTRY RD
BIRMINGHAM, B10 0TH UNITED KINGDOM

EX16221

Pattern	Model	Size, in.	End Configuration	Rated Pressure, psig
OS&Y	F127	2.5,3,4,6,8,10	FLG By FLG	300
OS&Y	F127	I2	FLG By FLG	250
NRS	F117	2.5,3,4,6,8,10	FLG By FLG	300
NRS	F117	I2	FLG By FLG	250

[Last Updated](#) on 2012-10-30

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HMER.EX16248
Check Valves

[See General Information for Check Valves](#)

TYNE FLOW LTD
1ST FL SMALL HEATH
411-421 COVENTRY RD
BIRMINGHAM, B10 0TH UNITED KINGDOM

EX16248

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Check Valves

[See General Information for Check Valves](#)

TYNE FLOW LTD
1ST FL SMALL HEATH
411-421 COVENTRY RD
BIRMINGHAM, B10 0TH UNITED KINGDOM

Swing-type, Model F218, 2, 2-1/2, 3, 4, 5, 6, 8 in (DN 65, DN150), with resilient seat for rated working pressures of 350 psig horizontal and vertical installation.

Swing-type, Model F217, 2, 2-1/2, 3, 4, 5, 6, 8 in (DN 65, DN150), with resilient seat for rated working pressures of 350 psig horizontal and vertical installation.

[Last Updated](#) on 2012-12-20

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FM APPROVED

Certificate of Compliance

This certificate is issued for the following:

Gate Valves, Outside Screw and Yoke Gate Valves

Model F127

Gate Valves, Inside Screw Gate Valves

Model F117

Prepared for:
Tyne Flow Ltd
411-421 Coventry Road
1st Floor, Small Heath
Birmingham, United Kingdom B10 0th GB

FM Approvals Class: 1120

Approval Identification: 3047715 Approval Granted: October 31, 2012

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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Richard B. Dunn
Group Manager - Fire Protection
FM Approvals
1151 Boston Providence Turnpike
Norwood, MA 02062

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Member of the FM Global Group

FM APPROVED

Certificate of Compliance

This certificate is issued for the following:

INDICATING BUTTERFLY VALVES

Model F318

Nominal Pipe Size, Inch (mm)	Rated Working Pressure, psi (kPa)
2-1/2, 3, 4, 5, 6, 8, 10	300 (2070)
76.1, 139.7, 165.1mm	300 (2070)

Prepared for:
Tyne Flow Ltd
411-421 Coventry Road 1st Floor, Small Heath, Birmingham B10 0th GB
United Kingdom

FM Approvals Class: 1112

Approval Identification: 3049262 Approval Granted: April 11, 2013

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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Group Manager - Fire Protection
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