



AGRATAS

FLOW CONTROLS PVT LTD

MANUFACTURER OF INDUSTRIAL VALVES





ABOUT US

Agratas Flow Controls Private Limited based in Nasik, Maharashtra, India is a Valve Manufacturing company that has been growing multi-fold gaining immense customer satisfaction.

A Private Company, founded in year 2024, The directors have an experience of over 22 years having served key positions in national and international valve companies.

AFCPL is a cohesive team of dedicated professionals with vast experience of undertaking design and manufacture of Valves. It aims to be the leader in high technology fluid power products and systems, by being committed to quality and timely completion of projects while continuously enhancing value.

AFCPL specializes in complex and highly engineered products through our constant endeavor to design and manufacture high quality valves complying with American and British standards. Our continuous pursuit for product & process improvements have manifested in developing world class products delivering best quality and value for our customers.

We firmly believe in serving our customers with utmost attention to their requirements balanced by excellent manufacturing processes and competitive project execution lead times.

Floating Ball Valves (Cast)

Size Range: 1/2"NB(15mm) to 6"NB(150mm)

Pressure Ratings : #150, #300, #600



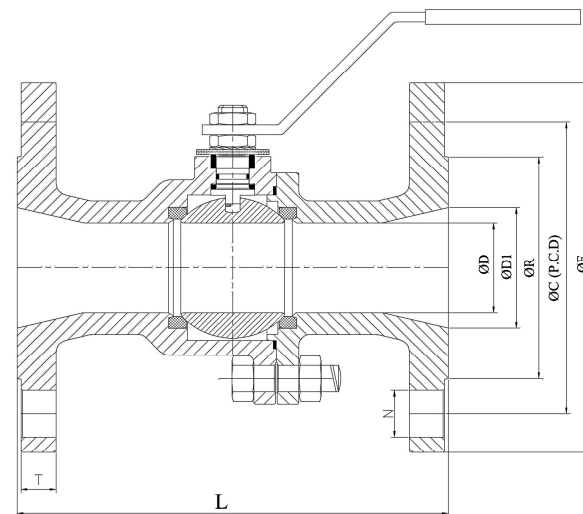
Features

- Fire Safe Design
- Anti Blowout Design
- Anti Static Design
- Raised Face & RTJ as per project specification.

Certifications

- ISO 9001 - 2015 certified company.
- Approved Fire Safe Design as per API 607
- TRCu Certification

- Design and manufacturing as per BS EN 17292 as well as ASME B16.34.
- Ball Valves testing as per BS EN12266 part 1 / API 598 standard.
- Surface Finish as per MSS SP 55.
- Non Destructive Testing as per ASME B 16.34 if specified in project specific requirements.
- Actuator Mounting Pad as per BS EN ISO5211.



Test Pressure in bar

Class		150	300	600
Hydro	Shell	30	76	156
	Seat	22	55	115
Air	Seat	6	6	6

Materials

Body	: ASTM A 216 WCB / A351 CF8 / A351 CF8M / A351 CF3 / A351 CF3M / A352 LCB / A890 Gr 4A / A890 Gr 5A / A890 Gr 6A
Ball	: ASTM A 216 WCB / A351 CF8 / A351 CF8M / A351 CF3 / A351 CF3M / A352 LCB / A890 Gr 4A / A890 Gr 5A / A890 Gr 6A
Stem	: ASTM A276 SS304 / A276 SS316 / A276 SS316L / A276 SS410 / A182 F51/ F53 / F55 / INCONEL
Seat	: PTFE / RPTFE / PEEK / DELRIN / DEVLON / PCTFE
Seals & Packing	: PURE GRAPHITE / PTFE
Fasteners	: ASTM A 193 / ASTM A 320 for Stud & Bolt , ASTM A194 for HEX NUTS.
Operator	: Lever up to 4",#300 and Gear Box above 4",#300 and above sizes.

Floating Ball Valves (Forged)

Size Range: 1/2"NB(15mm) to 2"NB(50mm)

Pressure Rating : #150, #300, #600

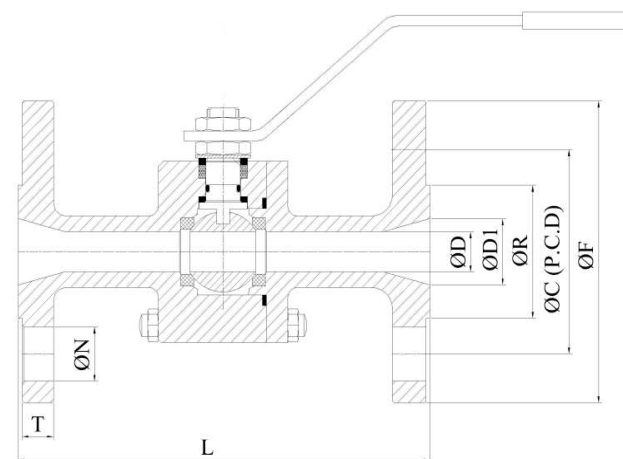


Features

- Fire Safe Design
- Anti Blowout Design
- Anti Static Design
- Raised Face & RTJ as per project specification.

Certifications

- ISO 9001 - 2015 certified company.
- Approved Fire Safe Design as per API 607
- TRCu Certification



- Design and manufacturing as per BS EN 17292 as well as ASME B16.34.
- Ball Valves testing as per BS EN12266 part 1 / API 598 standard.
- Surface Finish as per MSS SP 55.
- Non Destructive Testing as per ASME B 16.34 if specified in project specific requirements.

		Test Pressure in bar		
Class		150	300	600
Hydro	Shell	30	76	156
	Seat	22	55	115
Air	Seat	6	6	6

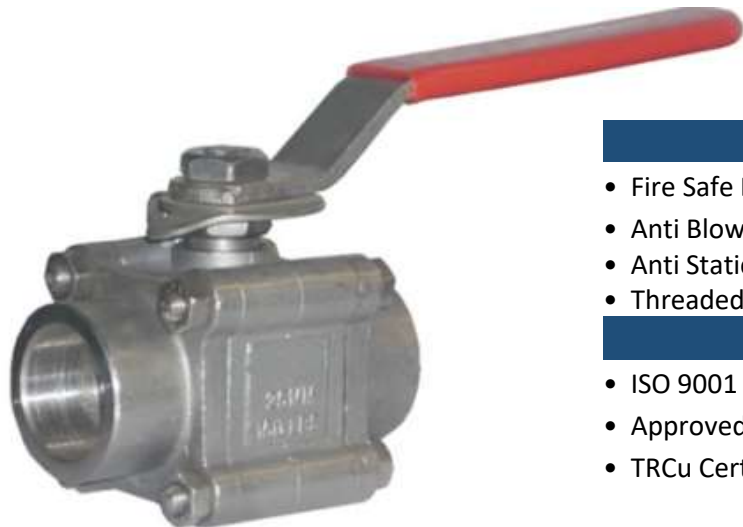
Materials

Body	: ASTM A105 / A350 LF2 / A182 F304 / A182 F304L / A182 F316 / A182 F316L / F51/ F53 / F55 / INCONEL
Ball	: ASTM A105 / A350 LF2 / A182 F304 / A182 F304L / A182 F316 / A182 F316L / F51/ F53 / F55 / INCONEL
Stem	: ASTM A276 SS304 / A276 SS316 / A276 SS316L / A276 SS410 / A182 F51/ F53 / F55 / INCONEL
Seat	: PTFE / RPTFE / PEEK / DELRIN / DEVLON / PCTFE
Seals & Packing	: PURE GRAPHITE / PTFE
Fasteners	: ASTM A 193 / ASTM A 320 for Stud & Bolt , ASTM A194 for HEX NUTS.

3pc Ball Valves (Cast)

Size Range: 1/2"NB(15mm) to 2"NB(50mm)

Pressure Rating: #150, #300, #600

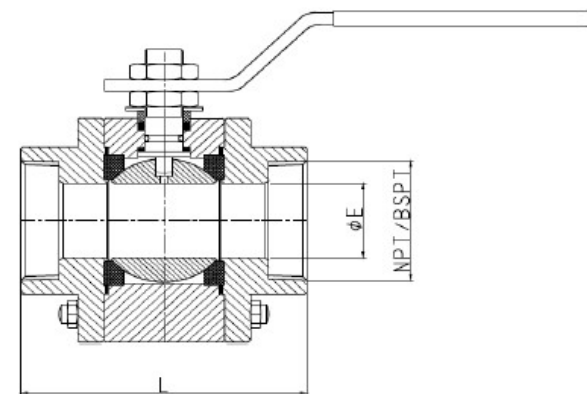


Features

- Fire Safe Design
- Anti Blowout Design
- Anti Static Design
- Threaded, Socket Weld End

Certifications

- ISO 9001 - 2015 certified company.
- Approved Fire Safe Design as per API 607
- TRCu Certification



Test Pressure in bar

Class		150	300	600
Hydro	Shell	30	76	156
	Seat	22	55	115
Air	Seat	6	6	6

- Design and manufacturing as per BS EN 17292 as well as ASME B16.34.
- Ball Valves testing as per BS EN12266 part 1 / API 598 standard.
- Surface Finish as per MSS SP 55.
- Non Destructive Testing as per ASME B 16.34 if specified in project specific requirements.

Materials

Body	: ASTM A 216 WCB / A351 CF8 / A351 CF8M / A351 CF3 / A351 CF3M / A352 LCB / A890 Gr 4A / A890 Gr 5A / A890 Gr 6A
Ball	: ASTM A 216 WCB / A351 CF8 / A351 CF8M / A351 CF3 / A351 CF3M / A352 LCB / A890 Gr 4A / A890 Gr 5A / A890 Gr 6A
Stem	: ASTM A276 SS304 / A276 SS316 / A276 SS316L / A276 SS410 / A182 F51/ F53 / F55 / INCONEL
Seat	: PTFE / RPTFE / PEEK / DELRIN / DEVLON / PCTFE
Seals & Packing	: PURE GRAPHITE / PTFE
Fasteners	: ASTM A 193 / ASTM A 320 for Stud & Bolt , ASTM A194 for HEX NUTS.

3pc Ball Valves (Forged)

Size Range: 1/2"NB(15mm) to 2"NB(50mm)

Pressure Rating: #800

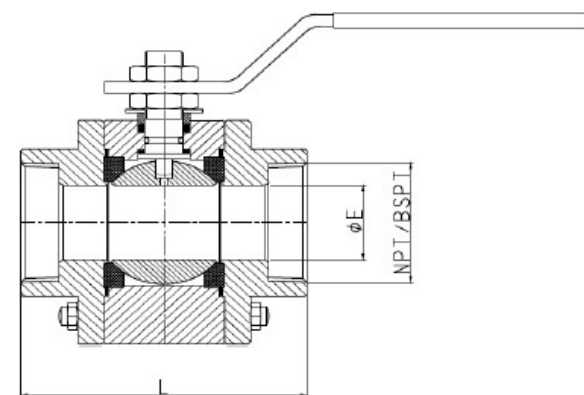


Features

- Fire Safe Design
- Anti Blowout Design
- Anti Static Design
- Threaded, Socket Weld End

Certifications

- ISO 9001 - 2015 certified company.
- Approved Fire Safe Design as per API 607
- TRCu Certification



- Design and manufacturing as per BS EN 17292 as well as ASME B16.34.
- Ball Valves testing as per BS EN12266 part 1 / API 598 standard.
- Surface Finish as per MSS SP 55.
- Non Destructive Testing as per ASME B 16.34 if specified in project specific requirements.

Test Pressure in bar

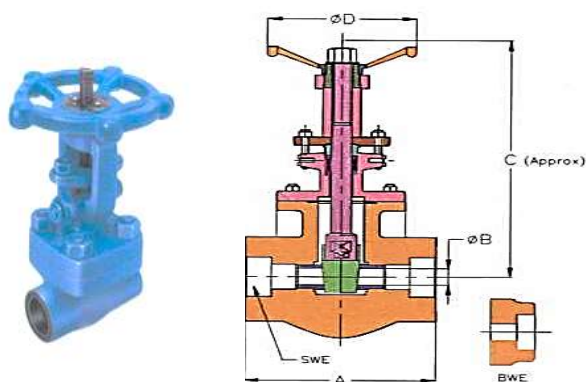
Class	800	
Hydro	Shell	210
	Seat	156
Air	Seat	6

Materials

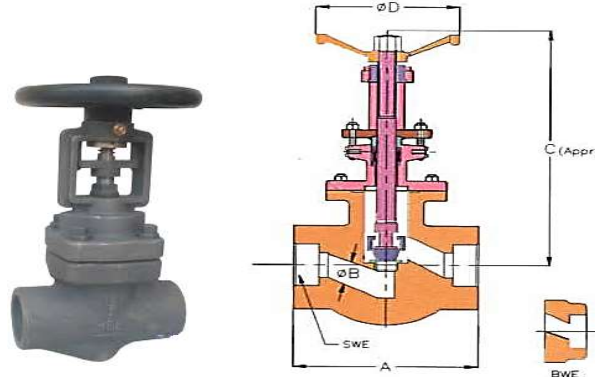
Body	: ASTM A105 / A350 LF2 / A182 F304 / A182 F304L / A182 F316 / A182 F316L / F51/ F53 / F55 / INCONEL
Ball	: ASTM A105 / A350 LF2 / A182 F304 / A182 F304L / A182 F316 / A182 F316L / F51/ F53 / F55 / INCONEL
Stem	: ASTM A276 SS304 / A276 SS316 / A276 SS316L / A276 SS410 / A182 F51/ F53 / F55 / INCONEL
Seat	: PTFE / RPTFE / PEEK / DELRIN / DEVLON / PCTFE
Seals & Packing	: PURE GRAPHITE / PTFE
Fasteners	: ASTM A 193 / ASTM A 320 for Stud & Bolt , ASTM A194 for HEX NUTS.

Forged Steel Valves

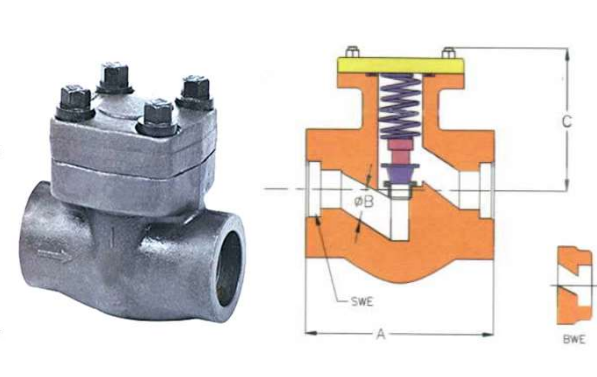
Size Range: 1/2"NB(15mm) – 2"NB(50mm),
Pressure Rating: #800 & #1500



Gate Valve



Globe Valve



Check Valve

Features:

Valves are compact in size with forged steel bodies with OS & Y type, bolted bonnet rising stem with renewable seat rings. Check valves with spring loaded disc for better performance. Valves are designed for both Screwed and Socket weld ends as per Design Standards
DESIGN STD : API 602, BS: 5352 FOR GATE VALVE
: BS: 5352 FOR GLOBE & CHECK VALVE

Test Pressure in bar

	Class	800	1500
Hyd.	Shell	207	383
	Seat / Back Seat	152	281
Air	Seat	7	7

TESTING STD : API 598 , BS: 6755 PART 1

Materials

Body, Bonnet ,Gland Flange & Cover
Wedge / Plug
Disc /Seat ring / Stem & Gland
Yoke Sleeve
Packing
Gasket
Spring
Stud / Nut
Hand Wheel
Surface Protection for Carbon Steel Valves

:ASTM A 105 / ASTM A 182 Gr.F304 & F316
:ASTM A 276 Tp 410 / ASTM A276 Tp 304 & 316
:ASTM A 276 Tp 410 / ASTM A276 Tp 304 & 316
:Ni Resist ASTM A439 Gr. D2
:Grafoil
:Spiral Wound 304 / 316 Material
:ASTM A276 Tp 316
:ASTM A 193 Gr.B7 / ASTM A 194 Gr. 2H
:Carbon Steel
:COLD PHOSPHATING - BLACKENED

Cast Steel Gate Valves

Size Range: 1/2" NB(15mm) - 12" NB(300mm)

Pressure Rating: #150 & #300

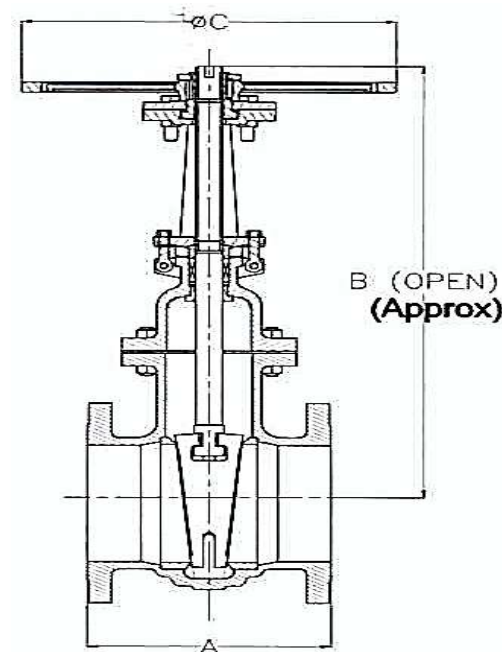


Features:

Heavy duty OS & Y type, bolted bonnet, rising stem non rising hand wheel, renewable seat ring for Carbon Steel Valves, integral for Stainless Steel Valves. Valves with most advanced design features providing the ultimate in reliability

Design STD: API 600, Testing STD: API 598

		Test Pressure in bar	
Class		150	300
Hydro	Shell	30	76
	Seat	22	55
Air	Seat	6.9	6.9



Materials

Body & Bonnet	:ASTM A216 Gr.WCB, ASTM A352 Gr. LCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
Wedge & Seat Ring	:WCB with 13% Chrome Overlay on seal faces, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
Stem, Gland & Bonnet Bush	:ASTM A276 Tp 410/ ASTM A 276 Tp 304 / 316
Yoke Sleeve	:Ni Resist ASTM A439 Gr. D2
Gland Packing	:Grafoil
Gasket	:Spiral Wound 304 / 316 Material
Stud / Nut	:ASTM A 193 Gr.B7 / ASTM A 194 Gr. 2H
Yoke & Hand wheel	:Carbon Steel
Surface Protection for Carbon Steel Valves	Prime Coat: Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating: Silver Streak Aluminium Paint

Cast Steel Globe Valves

Size Range: 1/2"NB(15mm) - 12"NB(300mm)

Pressure Rating: #150 & #300

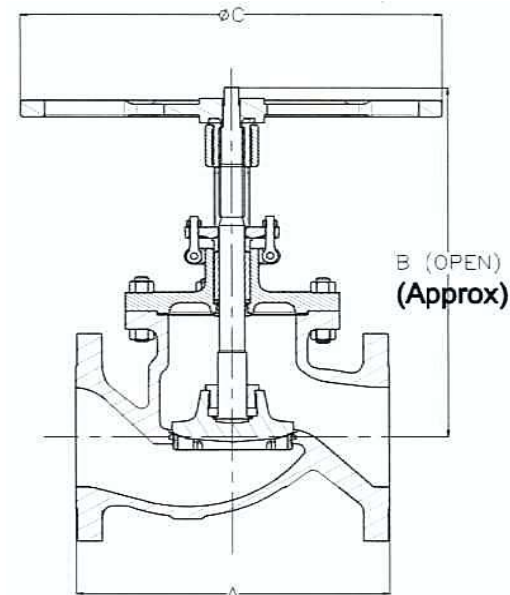


Features:

Heavy duty OS & Y type, bolted bonnet, rising stem non rising hand wheel, renewable seat ring for Carbon Steel Valves, integral for Stainless Steel Valves. Valves with most advanced design features providing the ultimate in reliability

Design STD : BS 1873, Testing STD : BS 6755 Part 1

		Test Pressure in bar	
Class		150	300
Hydro	Shell	30	76
	Seat	22	55
Air	Seat	6.9	6.9



Materials

Body & Bonnet

ASTM A216 Gr.WCB, ASTM A352 Gr. LCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M

Disc & Seat Ring

WCB with 13% Chrome Overlay on seal faces, ASTM A351 Gr.CF8/CF8M/CF3/CF3M

Stem, Gland & Bonnet Bush

ASTM A276 Tp 410/ ASTM A 276 Tp 304 / 316

Yoke Sleeve

Ni Resist ASTM A439 Gr. D2

Gland Packing

Grafoil

Gasket

Spiral Wound 304 / 316 Material

Stud / Nut

ASTM A 193 Gr.B7 / ASTM A 194 Gr. 2H

Yoke & Hand wheel

Carbon Steel

Surface Protection for Carbon Steel Valves

Prime Coat: Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating: Silver Streak Aluminium Paint

Cast Swing Check Valves

Size Range: 1/2"NB(15mm) - 12"NB(300mm)

Pressure Rating: #150 & #300

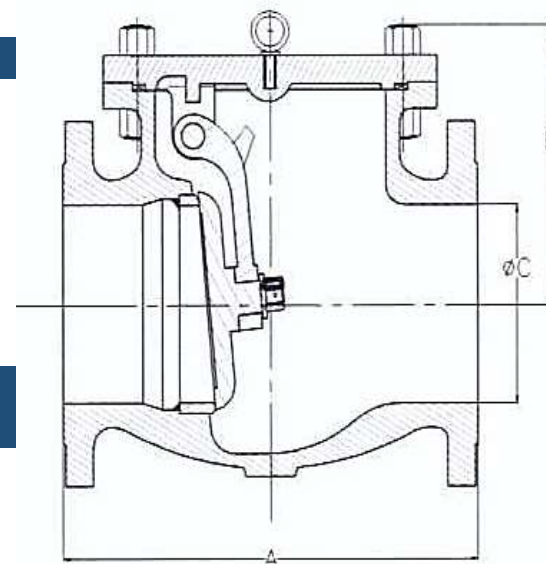


Features:

Heavy duty bolted cover with renewable seat ring. Cover mounted / Body mounted disc. Valves with most advance design features providing ultimate reliability in quality and performance.

Design STD : BS 1868, Testing STD : BS 6755 Part 1

		Test Pressure in bar	
Class		150	300
Hydro	Shell	30	76
	Seat	22	55
	MinSeat	5.5	14



Materials

Body & Cover

ASTM A216 Gr.WCB, ASTM A352 Gr. LCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M

Disc & Seat Ring

ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M

Gasket

Spiral Wound 304 / 316 Material

Stud / Nut

ASTM A 193 Gr.B7 / ASTM A 194 Gr. 2H

Surface Protection for Carbon Steel Valves

Prime Coat: Chlorine free with modified alkyl resin unobjectionable in physiological and toxicological respects. Additional external coating: Silver Streak Aluminium Paint

Y - Strainers

Size Range: 1/2"NB(15mm) - 12"NB(300mm)

Pressure Rating: #150 & #300

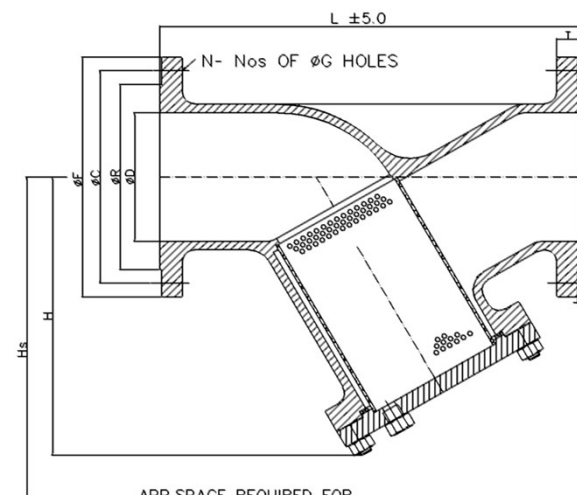


Features:

Y-Strainers are typically used in applications where the amount of solids to be removed is small, and where frequent clean-out is not required. Y-Strainer has the advantage of being able to be installed in either a horizontal or vertical position.

Test Pressure in bar			
Size	Class	Medium	Shell Pr
15NB-250NB	150	HYDROSTATIC	30

- Heavy Duty Construction, Compact design
- Bolted or threaded covers with synthetic fibre gaskets
- Perforated stainless steel screens – 1/32" to 1/2", Suitable for liquid, gas or steam
- Design: Manufacturers standard. Testing as per API - 598



Materials

Body

ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M, ASTM A352 Gr.LCB / LCC

Cover

ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M, ASTM A352 Gr.LCB / LCC

Screens/Mesh

Standard stainless steel screens,

Drain Plug

As per requirement

Surface Protection for Carbon Steel Valves

Prime Coat: Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects.

QUALITY POLICY

We, AGRATAS FLOW CONTROL PRIVATE LIMITED, offer the product that consistently meet the customer's requirements and take the responsibility to deliver quality product right at the first time, on time, every time to achieve customer satisfaction.

We shall achieve this through a progress of continual improvement of organizational capabilities through strong leadership, engagement of people within an organization, adequate process approach, to meet our customer's needs and requirements, by identifying risks with appropriate action while considering social environmental, charitable, regulatory and legislative responsibilities.

This shall be achieved by implementing, maintaining and by continual improvement of ISO system with in an organization.

This quality policy shall be communicated within an organization and reviewed periodically.

Gallery



Gallery



Gallery



Gallery



Gallery



Gallery



Contact

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