Fluid System and Controls



Water & Waste water

App	lication	:	Water

 Product type Construction Size range Pressure rating range Material range
 Internals
 Ends

Operator

Gate valve IS & Y, bolted bonnet DN 50 to DN 300 PN 10, PN 16 Cast iron, Ductile iron Disc: Ductile iron with NBR / EPDM lining, Stem: 13% Cr SS, Seat : EPDM / NBR Flanged RF HW - Manual, Electrical Actuator



Application : Water, Waste water, Treated sewage water

•••	•	,
2	Product type	Gate valve
	Construction	IS & Y, bolted bonnet
	Size range	DN 50 to DN 300
	Pressure rating range	PN 10, PN 16
	Material range	Cast iron, Ductile iron
	Internals	Disc: Ductile iron with SS / Brass,
		Stem: 13% Cr SS, Seat : SS / Brass
	Ends	Flanged RF
	Operator	
	Operator	HW - Manual, Electrical Actuator



Application : Raw sewage

Product type Knife
 Construction OS &
 Size range DN 5
 Pressure rating range PN 1
 Material range Carb
 Internals EPDM
 Ends Full I
 Operator US

Knife Gate valve OS & Y, bolted bonnet DN 50 to DN 1000 PN 10, PN 16, CL 150 Carbon steel, SS EPDM / PTFE / SS 304 / SS 316 Full Lug, Wafer

HW - Manual, Electrical Actuator



Arek

Water & Waste water

Application : Hot Water, Clean water, Oil, Gas4Product typeDual plate swin

Product type Construction	Dual plate swing Check valve with Spring	
Size range	DN 50 to DN 600	
Pressure rating range	PN 10, PN 16, PN 20,PN 50, PN 100, CL 150, CL 300, CL 600	
Material range	Carbon steel, SS, Alloy steel, Duplex SS, Alloy 20	
Internals	Disc,Seat, Stem: 13% Cr SS, SS 316, Duplex SS, Alloy 20, Spring: SS 316 / Inconel	
Ends	Wafer, Flanged	
Operator	N/A	

5	Product type	Single disc Check valve
	Construction	Swing type
	Size range	DN 50 to DN 400
	Pressure rating range	PN 10, PN 16, PN 20, CL 150
Material ran	Matarial range	Carbon steel, SS, Alloy steel, Duplex
	Material range	SS, Alloy 20
Internals	Intornala	Disc,Seat, Stem: 13% Cr SS, SS 316,
	Internals	Duplex SS, Alloy 20
	Ends	Mono flange
	Operator	N/A



6	Product type Construction Size range	Single disc Check valve Piston type DN 50 to DN 300 PN 10, PN 16, PN 20, CL 150	6
	Pressure rating range Material range	Carbon steel, SS, Alloy steel, Duplex SS, Alloy 20	
	Internals	Disc,Seat, Stem: 13% Cr SS, SS 316, Duplex SS, Alloy 20, AL. Bronze	
	Ends	Wafer	

N/A

Operator



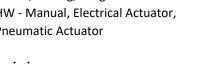


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Water & Waste water

Application : Water, Potable water, Waste water

PP	ication : watch, i otable i	
7	Product type	Butterfly valve
	Construction	Cantric design
	Size range	DN 50 to DN 1000
	Pressure rating range	PN 10, PN 16, PN 20, PN 25
	Material range	Cast iron, Ductile iron, Carbon steel
	Internals	Disc: Ductile iron, SS, Al.Bronze, Seat: NBR / EPDM lining, Stem: 13% Cr SS / 17% Cr SS / 17-4 PH
	Ends	Wafer, Full Lug, Flanged
	Operator	HW - Manual, Electrical Actuator, Pneumatic Actuator



Application : Water, Water transmission

	Product type	Butterfly valve
	Construction	Offset disc design 🛛 🛁
	Size range	DN 150 to DN 1600
	Pressure rating range	PN 10, PN 16, PN 25
	Material range	Ductile iron
Internals	Internals	Disc: Ductile iron with EPDM seat,
	Internals	Seat: SS
	Ends	Flanged
Onor	Operator	HW - Manual, Electrical Actuator,
	Operator	Pneumatic Actuator



Application : Water, Water transmission

9	Product type	Air release valve
	Construction	with float
	Size range	DN 50 to DN 300
	Pressure rating range	PN 16
	Material range	Ductile iron
	Internals	Float: ABS,SS
	Ends	Flanged
	Operator	N/A



Application : Water, Water transmission

10	Product type	Strainer
	Construction	SS basket
	Size range	DN 50 to DN 300
	Pressure rating range	PN 16, CL 150,CL 300,CL 600
	Material range	Cast iron, Carbon steel
	Internals	SS
	Ends	Flanged
	Operator	N/A







Energy & General Industries, Oil & Gas

Gate valve

Duplex SS

DN 50 to DN 250

Flanged, BWE

Electrical Actuator

SS

CL 150,CL 300,CL 600

Carbon steel, Low carbon steel,

Alloy steel, SS, Alloy 20, Duplex

Disc, Seat: 13% Cr SS, SS ,Stellite, Stem: 13% Cr SS, SS, Duplex SS

HW - Manual, Gear operated,

OS & Y, Bolted bonnet DN 50 to DN 600 CL 150,CL 300,CL 600

Carbon steel, Low carbon

steel, Alloy steel, SS, Alloy 20,

Disc, Seat: 13% Cr SS, SS ,Stellite, Stem: 13% Cr SS, SS, Duplex SS

11	Product type
	Construction
	Size range
	Pressure rating range

Material range

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Internals
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Ends

Operator

12 Product type Construction Size range Pressure rating range

Material range

Internals

Ends

Operator

13 Product typeConstructionSize rangePressure rating range

Material range

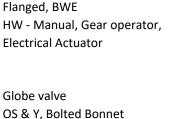
Internals

Ends Operator Swing Check valve Bolted cover DN 50 to DN 600 CL 150,CL 300,CL 600 Carbon steel, Low carbon steel,Alloy steel, SS, Alloy 20, Duplex SS

Disc, Seat: 13% Cr SS, SS ,Stellite, Stem: 13% Cr SS, SS, Duplex SS Flanged, BWE N/A







Fluid System and Controls



14 Product type Gate valve OS & Y, Bolted or Welded Bonnet Construction Size range 1/2" to 2" CL 800, CL 1500, Cl 2500 Pressure rating range Carbon steel, Low carbon steel, Material range Alloy steel, SS Disc, Seat: 13% Cr SS, SS, Stellite, Internals Stem: 13% Cr SS, SS Ends Flanged, BWE, SWE, Threaded Operator HW - Manual, Electrical Actuator



15 Product type Globe Valve OS & Y, Bolted or Welded Bonnet Construction 1/2" to 2" Size range CL 800, CL 1500, Cl 2500 Pressure rating range Carbon steel, Low carbon steel, Material range Alloy steel, SS Disc, Seat: 13% Cr SS, SS, Stellite, Internals Stem: 13% Cr SS, SS Ends Flanged, BWE, SWE, Threaded Operator HW - Manual, Electrical Actuator



16 Product type Swing Check valve Construction Bolted or Welded Bonnet 1/2" to 2" Size range CL 800, CL 1500, Cl 2500 Pressure rating range Carbon steel, Low carbon steel, Alloy Material range steel, SS Disc, Seat: 13% Cr SS, SS, Stellite, Internals Stem: 13% Cr SS, SS Ends Flanged, BWE, SWE, Threaded

N/A





17 Product type Floating ball valve Construction Split body 1/2" to 12" Size range CL 150, CL 300, CL 600 Pressure rating range Carbon steel, SS, Duplex SS, Material range Al.Bronze Stem, Ball: SS, Duplex SS, Al. Bronze, Internals Seat : PTFE Ends Flanged Operator Lever operator, Electrical Actuator



Product type
 Construction
 Size range
 Pressure rating range
 Material range
 Internals
 Ends
 Operator

Floating ball valve Split body 1/2" to 4" CL 400, CL 800, CL 900, CL 1500 Carbon steel, SS Stem, Ball: SS, Seat : PTFE SWE, Threaded Lever Operator



Trunnion ball valve 19 Product type Construction Split body 2" to 48" Size range Pressure rating range CL 150, CL 300, CL 600 Carbon steel, Low carbon steel, SS, Material range **Duplex SS** Stem, Ball: SS, Duplex SS, Seat : Internals PTFE Ends Flanged, BWE Lever operated, Gear Operator operated, Electrical Actuator

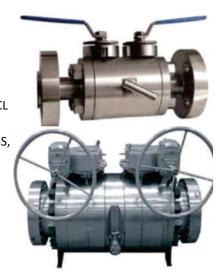


Trunnion ball valve 20 Product type Construction Top entry 4" to 36" Size range CL 150, CL 300, CL 600, CL 900, CL Pressure rating range 1500, CL 2500 Carbon steel, Low carbon steel, SS, Material range **Duplex SS** Stem, Ball: SS, Duplex SS, Seat : Internals PTFE Ends Flanged, BWE Lever operator, Gear Operator operator, Electrical Actuator





Double block & bleed valve 21 Product Product type Floating & Trunnion Construction Side entry Size range 1/2" to 8" CL 150, CL 300, CL 600, CL 900, CL Pressure rating range 1500, CL 2500 Carbon steel, Low carbon steel, SS, Material range **Duplex SS** Stem, Ball: SS, Duplex SS, Seat : Internals PTFE Flanged, BWE Ends Lever operated, Gear Operator operated, Electrical Actuator



 22
 Product type
 But

 Construction
 Or

 Size range
 Di

 Pressure rating range
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 Material range
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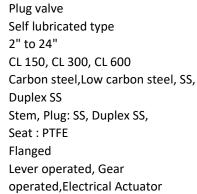
 Internals
 SS

 Ends
 Fill

 Operator
 Additional sectors

Butterfly valve Offset disc design DN 50 to DN 1000 CL 150, CL 300, CL 600 Carbon steel, SS, Duplex SS SS, Duplex SS Flanged HW - Manual, Electrical Actuator, Pneumatic Actuator

23 Product type Plug Construction Self Size range 2" t Pressure rating range CL 2 Material range Dup Internals Sea Ends Flar Operator Upp









FOOD & MINING, CHEMICAL INDUSTRIES

Product type	Diaphragm valves WEIR type, Straight through
Size range	2" to 16"
Pressure rating range	PN 10, PN 16, CL 150
Material range	Ductile iron, Carbon steel
Lining	Hard rubber, Butyl, PFA
Internals	Stem: SS, Diaphragm : PFA / PTFE,
	EPDM, Butyl
Ends	Flanged
Operator	Hand wheel, Gear
Operator	operated, Electrical Actuator
	Construction Size range Pressure rating range Material range Lining Internals



- PFA lined Butterfly valves 25 Product type Construction Size range Pressure rating range Material range Internals Ends Operator
 - Centric design 2" to 24" PN 10, PN 16, CL 150 Ductile iron, Carbon steel Stem, disc : SS with PFA overmoulded Wafer, Lug, Flanged Lever operated, Gear operated, Electrical Actuator
- 26 Product type Construction Size range Pressure rating range Material range Internals Ends Operator

2" to 24" PN 10, PN 16, CL 150

PFA lined Ball valves Floating

Ductile iron, Carbon steel Stem, disc : SS with PFA overmoulded Flanged Lever operated, Gear operated, Electrical Actuator

27 Product type Construction Size range Pressure rating range Material range Internals Ends Operator

PFA lined Diaphragm valves WEIR type 2" to 16" PN 10, PN 16, CL 150 Ductile iron, Carbon steel

Stem: SS, Diaphragm : PFA / PTFE Flanged Hand wheel, Gear operated, Electrical Actuator









28	Product type	PFA lined Plug valves	
	Construction	Floating	
	Size range	2" to 16"	
	Pressure rating range	PN 10, PN 16, CL 150	
	Material range	Ductile iron, Carbon steel Stem,	
	Internals	disc : SS with PFA over moulded Flanged	-
	Ends	Lever operated, Gear operated,	1
	Operator	Electrical Actuator	



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