

# **VALVE & PIPING COMPANY**



— PRODUCT —

# **BROCHURE**

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**V153****RESILIENT SEATED GATE VALVE - F5**

DN50→DN600	PN 10 - 16 - 25
Design	EN 1171 / EN 1074
Face to face	EN 558-Series 15 / DIN3202 F5



Flange	EN 1092-2 / ISO 7005-2
Body & Sealing	GGG50 & EPDM / NBR
Wedge	EPDM Vulcanised GGG50
Stem	AISI420 / 304 / 316
Coating	Powder Epoxy
Variation	V154 Rising Stem

**V155****METAL SEATED GATE VALVE - F4**

DN50→DN500	PN 10 - 16
Design	EN 1171 / EN 1074
Face to face	EN 558 - Series 14 / DIN3202 F4



Flange	EN 1092-2 / ISO 7005-2
Body & Seat	GGG50 & Brass
Wedge	GGG50 + Brass
Stem	AISI420 / 304 / 316
Coating	Industrial Epoxy / Powder Epoxy
Variation	V156 Rising Stem

**V209****DUAL PLATE CHECK VALVE**

DN50→DN400	PN 16
Design	EN 12334
Face to face	EN 558 Series 16



Connection	Wafer Type EN 1092-1
Body	GG25
Disc	AISI 304 / GGG50
Spring	AISI 304
Sealing	EPDM
Coating	Powder Epoxy

**V211****SLANTED SEAT TILTING CHECK**

DN100→DN1000	PN 10 - 16
Design	EN 12334
Face to face	EN 558 Series 14



Flange	EN 1092-2 / ISO 7005-2
Body	GGG50
Disc	GGG50
Sealing	EPDM
Stem	AISI 420 / 304
Coating	Powder Epoxy

**V851****Y-STRAINER**

DN15→DN600	PN 10 - 16 - 25
Face to face	EN 558 Series 1 / DIN3202 F1
Flange	EN 1092-2 / ISO 7005-2



Body	GGG40 / 50
Bonnet	GGG40 / 50
Filter	AISI 304 / 316
Sealing	EPDM
Discharge Nut	AISI 304 / 316 / Brass
Coating	Powder Epoxy

**V852****BASKET STRAINER**

DN250→DN1200	PN 10 - 16 - 25
Face to face	DIN3202 F15
Flange	EN 1092-2 / ISO 7005-2



Body	ST37 / GGG40
Bonnet	ST37 / GGG40
Filter	AISI 304 / 316
Sealing	EPDM / NBR
Discharge Nut	AISI 304 / 316 / Brass
Coating	Powder Epoxy

**V981 - V982****QUARTER TURN ACTUATOR**

Torque (Nm)	6 - 2000
Body	FBE Coated Aluminium
Voltage	220V / 24VDC-VAC 380V-3 ph.



Protection Class	IP67-68
Connection	ISO 5211
Operation	Electrical / Manual
V981	Quarter Turn On/Off
V982	Quarter Turn Modulating

**V983 - V984****MULTI-TURN ACTUATOR**

Torque (Nm)	30 - 1000
Body	GGG40 + Aluminium
Voltage	380-500 V / 50-60 Hz / 3 ph.



Protection Class	IP68
Connection	ISO 5211
Control Unit	Optional
V983	On/Off Multi Turn
V984	Modulating Multi Turn

**V985 - V986****PNEUMATIC ACTUATOR**

Torque (Nm)	4-9350
Body	Aluminium
Air Pressure	5-8 Bar



Accessories	Limit Switch Box
Accessories	Namur Valve
Connection	ISO 5211
V985	Single Acting
V986	Double Acting

## V106

### DBL. ECC. BUTTERFLY VALVE - SERIES 14

DN100→DN2400	PN 10 - 16 - 25 - 40
Design	EN 593
Face to face	EN 558 - Series 14 / DIN3202 F4
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Disc	GGG50
Stem	AISI420 / 304 / 316 / Duplex SS
Sealing	EPDM / NBR
Coating	Powder Epoxy

## V202

### TILTING CHECK VALVE

DN100→DN2000	PN 10 - 16 - 25 - 40
Design	EN 12334
Face to face	EN 558 - Series 14 / F4
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Disc	GGG50
Stem	AISI420 / 304 / 316 / Duplex SS
Sealing	EPDM / NBR
Coating	Powder Epoxy

## V203

### HYDRAULIC TILTING CHECK VALVE

DN100→DN2000	PN 10 - 16 - 25 - 40
Design	EN 12334
Face to face	EN 558 - Series 14 / F4
Flange	EN 1092-2 / ISO 7005-2

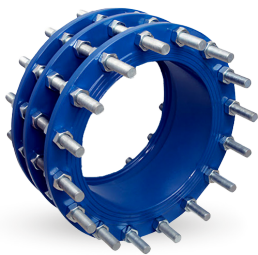


Body	GGG50
Disc	GGG50
Stem	AISI420 / 304 / 316 / Duplex SS
Sealing	EPDM / NBR
Coating	Powder Epoxy

## V251

### FULL TIE-ROD DISMANTLING JOINT

DN50→DN2400	PN 10 - 16 - 25 - 40
Design	EN 1092-2
Body	GGG50



Bolts	8.8 Galvanized St. / AISI 304 / 316
Nuts	8.8 Galvanized St. / AISI 304 / 316
Washers	8.8 Galvanized St. / AISI 304 / 316
Sealing	EPDM
Coating	Powder Epoxy
Variation	V252 Light Type

## V301

### DYNAMIC TRIPLE FUNCTION ARV

DN50→DN300	PN 10 - 16 - 25
Design	EN 1074-4
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Float	HDPE
Cover Filter	AISI 304
Sealing	EPDM
O-Rings	EPDM / NBR
Coating	Powder Epoxy

## V302

### TRIPLE FUNCTION DOUBLE ORIFICE ARV

DN50→DN300	PN 10 - 16 - 25
Design	EN 1074-4
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Float	HDPE
Cover Filter	AISI 304
Sealing	EPDM
O-Rings	EPDM / NBR
Coating	Powder Epoxy

# PIPING COMPANY

V151	
RESILIENT SEATED GATE VALVE - F4	
DN50→DN800	PN 10 - 16 - 25
Design	EN 1171 / EN 1074
Face to face	EN 558- Series 14 / DIN3202 F4
Flange	EN 1092-2 / ISO 7005-2



Body & Sealing	GGG50 & EPDM / NBR
Wedge	EPDM Vulcanised GGG50
Stem	AISI420 / 304 / 316
Coating	Powder Epoxy
Variation	V152 Rising Stem

V201	
SWING CHECK VALVE	
DN50→DN300	PN 10 - 16
Design	EN 12334
Face to face	EN 558 - Series 48 / F6
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Disc	GGG50 + EPDM
Stem	AISI 420
Sealing	EPDM
Coating	Powder Epoxy

V206	
AXIAL CHECK VALVE	
DN100→DN1000	PN 10 - 16 - 25 - 40
Design	EN 12334 / EN 16767
Face to face	EN 558 Series 8
Flange	EN 1092-2 / ISO 7005-2



Body & Disc	GGG50
Spring	AISI 304
Sealing	EPDM
Body Bush	Bronze
Coating	Powder Epoxy

V150	
KNIFE GATE VALVE	
DN50→DN2000	PN 10 - 16
Face to face	EN 558 Series 20
Connection	Semi Lug EN 1092-2 / ISO 7005-2



Body	GGG50
Knife	AISI304 / 316
Stem	AISI420
Sealing	NBR / EPDM
Direction	Uni-directional / Bi-directional
Coating	Powder Epoxy

V451	
FOOT VALVE	
DN40→DN1000	PN 10 - 16 - 25
Flange	EN 1092-2 / ISO 7005-2
Body	GGG50



Disc	GGG50
Stem	AISI420 / 304 / 316
Sealing	EPDM / NBR
Filter	Galvanized Steel / AISI304
Coating	Powder Epoxy
Variation	V452 Crepine

V901	
PLUNGER VALVE	
DN150→DN1400	PN 10 - 16 - 25 - 40
Design	EN 1074-5



Face to face	EN 558 - Series 15 / F5
Connection	Flanged EN1092-2
Body	GGG50
Inner Material	Stainless Steel
Sealing	EPDM + Metal Sealing
Coating	Powder Epoxy



## V204 - V205

### BALL CHECK VALVE

DN50→DN600	PN 10 - 16
Design	EN 12334
Face to face	EN 558 - Series 48 / F6



Connection	<b>V204</b> Flanged EN1092-2 <b>V205</b> Threaded EN 228-1
Body	GGG50
Ball	NBR Coated Steel
Sealing	NBR/EPDM
Coating	Powder Epoxy

## V303

### DOUBLE ORIFICE ARV

DN50→DN200	PN 10 - 16
Design	EN 1074-4
Flange	EN 1092-2 / ISO 7005-2



Body	GG25 / GGG50
Float	HDPE
Stem	AISI 420
Sealing	EPDM
O-Rings	NBR / EPDM
Coating	Powder Epoxy

## V304

### ECO TYPE ARV

DN50→DN200	PN 10 - 16
Design	EN 1074-4
Flange	EN 1092-2 / ISO 7005-2



Body	GG25 / GGG50
Bonnet	GG25 / GGG50
Float	HDPE
Stem	AISI 420
Float Type	Cylinder / Ball
Coating	Powder Epoxy

## V351

### FLANGE ADAPTOR

DN50→DN1400	PN 10 - 16
Connection	EN 1092-2 / ISO 7005-2
Pipe Type	Cl / DI / PE / PVC / GRP / Steel



Body	GGG50 / Steel
Bolts & Nuts	8.8 Galvanised / A2 / A4
Sealing	NR / EPDM / NBR
Coating	Powder Epoxy
Variation	V352 PE Type
Variation	V353 Dedicated Type

## V401

### COUPLING

DN50→DN1400	PN 10 - 16
Connection	EN 1092-2 / ISO 7005-2
Pipe Type	Cl / DI / PE / PVC / GRP / Steel



Body	GGG50 / Steel
Bolts & Nuts	8.8 Galvanised / A2 / A4
Sealing	NR / EPDM / NBR
Coating	Powder Epoxy
Variation	V402 PE Type
Variation	V403 Dedicated Type

## V551

### FIRE HYDRANT - OVERGROUND

DN80→DN100	PN 16
Design	EN 14384 / EN 1074 - 6
Flange	EN 1092-2 / ISO 7005-2



Height Range	1450 - 1750 - 2150 mm.
Body	GGG50
Stem	Steel / AISI 420
Coating	Powder Epoxy
Accessories	V556 N-Part
Accessories	V557 Key

## V554

### FIRE HYDRANT - UNDERGROUND

DN80→DN100	PN16
Design	EN 14339 / EN 1074 - 6
Flange	EN 1092-2 / ISO 7005-2



Body	GGG50
Stem	AISI 420
Outlet	Aluminium / Brass
Coating	Powder Epoxy
Accessories	V992 Surface Box for Hydrant
Accessories	T-Key

## V991-992

### SURFACE BOX

Cover for	Valves & Hydrants
Marking	Customizable
Cover	GGG40



V991

V992

Body	GGG40
Pin	ST37
Coating	Bitumen Coating or FBE
Variation	V991 Valve Box
Variation	V992 Hydrant Box


## V993

### TELESCOPIC EXTENSION SPINDLE

For Gate Valve	
Stem	Galvanized Steel
Cover Tube	PE



Spindle Height	450-700 mm
Spindle Height	650-1100 mm
Spindle Height	1050-1750 mm
Accessories	T-Key
Variation	Rigid Type

V101 - V102		V103 - V104		V200		V107	
WAFER TYPE BUTTERFLY VALVE		LUG TYPE BUTTERFLY VALVE		LIFT CHECK VALVE		U-TYPE BUTTERFLY VALVE	
DN40→DN600	PN 10 - 16	DN40→DN600	PN 16	DN15→DN400	PN 16	DN50→DN600	PN 10 - 16
Design	EN 593	Design	EN 593	Design	EN 12334 / EN16767	Design	EN 593
Face to face	EN 558 Series 20	Face to face	EN 558 Series 20	Face to face	EN 558 Series 1	Face to face	EN 558 - Series 20
Connection	Wafer Type EN 1092-1	Connection	Lug Type EN 1092-2	Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2
							
Body	GG25 - GGG40	Body	GG25 - GGG40	Body	GG25 / GGG40	Body	GGG50
Disc	<b>V101</b> Nickel Coated DI <b>V102</b> AISI 304	Disc	<b>V103</b> Nickel Coated DI <b>V104</b> AISI 304	Disc	AISI 304	Disc	GGG50 / AISI304 / 316
Stem	AISI 420	Stem	AISI420	Spring	AISI 304	Stem	AISI 420
Sealing	EPDM / NBR / VITON	Sealing	EPDM / NBR / VITON	Sealing	Graphite	Sealing	EPDM / NBR
Coating	Powder Epoxy	Coating	Powder Epoxy	Coating	Industrial Epoxy	Coating	Powder Epoxy

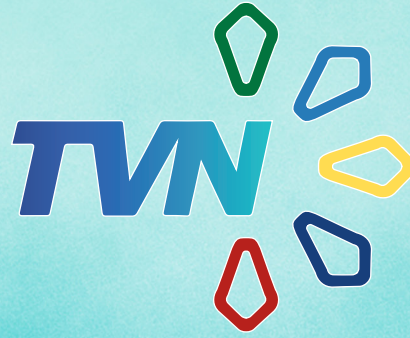
V158		V159		V801		V802	
SERVICE VALVE		SOCKET-END GATE VALVE		GLOBE VALVE		BELLOW SEAL GLOBE VALVE	
DN15→DN50	PN 10 - 16	DN50→DN300	PN 10 - 16	DN15→DN350	PN 10-16-25	DN15→DN200	PN 10-16-25-40
Design	EN 1171 / EN 1074	Design	EN 1171/ EN 1074	Design	EN 13789	Design	EN 13789
Face to face	EN 558	Face to face	EN 558	Face to face	EN 558 Series 1	Face to face	EN 558 Series 1
Connection	Threaded EN ISO 228-1	Connection	ISO 4422 Socket-End	Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2
							
Body	GGG50	Body	GGG50	Body	GG25 / GGG40	Body	GGG40
Wedge	EPDM Vulcanised GGG50	Wedge	EPDM Vulcanised GGG50	Disc	AISI 420 / A105	Disc	AISI420 & A105
Stem	AISI420 / 304 / 316	Stem	AISI420 / 304 / 316	Stem	AISI 420	Bellow Seal	AISI 304
Sealing	EPDM	Sealing	EPDM / NBR	Sealing	Graphite	Bonnet Sealing	Steel + Graphite
Coating	Powder Epoxy	Coating	Powder Epoxy	Coating	Industrial Epoxy	Coating	Industrial Epoxy

V207		V208		V961		V160	
DISC-O CHECK VALVE		WAFER SWING CHECK VALVE		FLANGE		PENSTOCK	
DN15→DN250	PN 16	DN25→DN400	PN 16	DN15→DN2000	PN 6-10-16-25-40-64	Body	SS304-316-316L
Face to face	EN 558 Series 49	Design	EN 14341	Standards	EN / ANSI / JIS		
Connection	Wafer Type EN 1092-1	Face to face	EN 558 Series 97	Variations	Flat Flanges		
Body	MS58/GGG50/AISI 304/316	Connection	Wafer Type EN 1092-1	Variations	Threaded Flanges		
							
Disc	AISI 304 / GGG50	Body	WCB / AISI 304	Variations	Lap Joint Flanges	Stem	SS420-304-316-316L
Spring	AISI 304	Disc	AISI 304 / 316	Variations	Welding Neck Flanges	Sealing	EPDM / NBR / VITON
Positioning Band	AISI 304	Spring	AISI 304	Variations	Socket Weld Flanges	Mounting Type	Various
Variation	AISI 304 Body	Sealing	EPDM	Variations	Blind Flanges		
Coating	Industrial Epoxy	Hook	Steel	Variations	Slip On Flanges		

V751		V752		V753		V754	
BALL VALVE		LONG TYPE BALL VALVE		GAS BALL VALVE		THREADED BALL VALVE	
DN15→DN250	PN 10-16-25	DN15→DN250	PN 10-16-25	DN15→DN250	PN 10-16-25	DN65→DN100	PN 16
Design	DIN 3357	Design	DIN 3357	Design	DIN 3357	Design	EN 331 - EN1983
Face to face	EN 558 Series 14	Face to face	EN558 Series 1	Face to face	EN 558 Series 14	Face to face	DIN3202 / M3
Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2	Connection	Threaded EN ISO 228-1
							
Body	GG25 / GGG40	Body	GG25 / GGG40	Body	GG25 / GGG40	Body	GG25 / GGG40
Ball	Chrome Plated / AISI 304	Ball	Chrome Plated / AISI 304	Ball	Chrome Plated / AISI 304	Ball	Chrome Plated / AISI 304
Stem	AISI 1040 / 420	Stem	AISI 1040 / 420	Stem	AISI 1040 / 420	Stem	AISI 1040 / 420
Sealing	PTFE	Sealing	PTFE	Sealing	PTFE	Sealing	PTFE
Coating	Industrial Epoxy	Coating	Industrial Epoxy	Coating	Industrial Epoxy	Coating	Industrial Epoxy

V601		V651		V652		V653	
AXIAL EXPANSION JOINT		FLEXIBLE RUBBER JOINT - STEEL		FLEXIBLE RUBBER JOINT DI FLANGED		FLEXIBLE RUBBER JOINT THREADED	
DN25→DN1000	PN 10 - 16 - 25	DN25→DN1000	PN 10 - 16	DN25→DN1000	PN 10 - 16	DN25→DN50	PN 16
Design	EN 14917 & EJMA	Design	DIN 30680	Design	DIN 30680	Design	DIN 30680
Face to face	EN 14917	Face to face	DIN 30680	Face to face	DIN 30680	Face to face	DIN 30680
Flange end	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2	Threaded-End	EN 228-1
							
Welding end	EN 12627	Body	Fabric or Steel Reinforced EPDM	Body	Fabric or Steel Reinforced EPDM	Body	Nylon Reinforced NBR/ EPDM
Body	AISI 304 / 316 / 321	Flange	Galvanised Steel	Flange	Ductile Iron	Raccord	Galvanised Malleable Iron
Flange	Steel / AISI304 / 316	Sealing	EPDM / NBR	Sealing	EPDM / NBR	Inner Cord	Nylon
Liner	AISI 304 / 316 / 321	Temperature	90 °C	Temperature	130 °C	Temperature	90 °C
Version	With & Without Liner	Coating of flange	Galvanization	Coating of flange	Galvanization	Coating of flange	Galvanization

V951		V50-51-52-53 Series		V602 - 603 - 604 - 605 - 606	
ELECTROMAGNETIC FLOW METER		CONTROL VALVE - GLOBE & Y TYPE		EXPANSION JOINT SERIES	
DN3→DN3000	PN10-16-25-40	DN40→DN400	0,7 - 25 bar	DN32→DN600	PN 10 - 16 - 25
Flange	EN 1092-2 / ISO 7005-2	Flange	EN 1092-2 / ISO 7005-2	Design & face to face	EN 14917 & EJMA
		Pressure Reducing	Float Level - Electric	Flange ends	EN 1092-2 / ISO 7005-2
Temperature	-25 °C 150 °C	Pressure Reducing - Solenoid	Surge Anticipating	Welding ends	EN 12627
Minimum Conductivity	5µs / cm	Pressure Sustaining	Flow Control	V602	Externally Pressurised
Sealing	EPDM / PTFE	Pressure Sus. & Reducing	Horizontal Pump Control	V603	Angular
Input Voltage	AC85-250V / DC20-36V	Pressure Relief	Vertical Pump Control	V604	Dilatation
Insulation Class	IP65 / IP67 / IP68	Float Level	Solenoid	V605	Vibration
				V606	Decorative
					



Industrial Valves and Equipment



**V106**  
DOUBLE ECCENTRIC  
BUTTERFLY VALVE

**V151**  
RESILIENT SEATED  
GATE VALVE

**V451**  
FOOT VALVE WITH  
CHECK VALVE

**V301**  
DYNAMIC TRIPLE  
FUNCTION ARV

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