



VALVES

5

EXPERT INDUSTRIAL
INDUSTRY SOLUTIONS

EXPER

INDUSTRY

SOLUTIONS



INDUSTRY SOLUTIONS WITH EXPERT INDUSTRY



PISTON VALVES ► PV-16



Body
Cover
Wheel
Piston
Connection
Max. Working Pressure
Max. Working Temp.

GGG 40
GGG 40
AISI 304 Stainless Steel + Graphite
1.4104 Stainless Steel
Flanged
16 bar
200 °C

GLOBE VALVES ► GV-16K/25Z/40K



Body
Seat
Disc
Connection
Max. Working Temp.
Max. Working Pressure

GV-16K
GG-25 Cast Iron
AISI 420 Stainless Steel
AISI 420 Stainless Steel
Flanged
300°C
16 bar

GV-25Z
GGG 40.3 Ductile Iron
AISI 420 Stainless Steel
AISI 420 Stainless Steel
Flanged
350°C
25 bar

GV-40K
GSC-25 Cast Steel
13 Cr Stainless Steel
Stainless Steel AISI 304
Flanged
4500°C
40 bar

BELLOW SEAL VALVES ► MK-16



Body
Seat
Disc
Connection
Max. Working Temp.
Max. Working Pressure

MK-16
Grey Cast Iron
X12Cr13
X12Cr13
Flanged
200°C
16 Bar

MK-25
Nodular Cast Iron
AISI 304 Stainless Steel
AISI 304 Stainless Steel
Flanged
250°C
25 Bar

MK-40
Cast Steel
AISI 316 Stainless Steel
AISI 316 Stainless Steel
Flanged
300°C
40 Bar

NON-RISING STEM, SOFT SEATED GATE VALVE ► GTK-18



Body
Cover
Disc
Gasket
Connection
Working Temperature
Max. Working Pressure

GGG 40.3 Ductile Iron
GGG 40.3 Ductile Iron
Rubber Coated Casting
NBR / EPDM
Flanged
110 °C
16 Bar

KNIFE GATE VALVE ► BV-16



Body
Knife
Stem
Seat
Packing
Working Temperature
Pressure Class

GGG 40
SS 304
A 276 410
EPDM
PTFE
-29 °C / 80 °C
PN 16 (DN50 - DN400)
PN 10 (DN450 - DN600)

STAINLESS STEEL BALL VALVES► V-2T / V-2TN



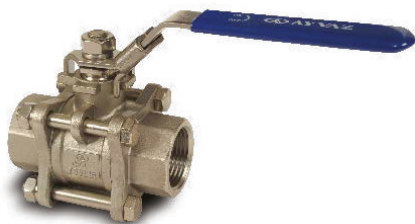
Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure Class	PN 25 (V-2TN) / PN 63 (V-2T)

STAINLESS TWO PIECE BALL VALVE FLANGED ► V-2FP



Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	R-PTFE
Working Temperature	-25°C / 190 °C
Pressure Class	PN40 (1/2" - 2") PN16 (2 1/2" - 4") PN16 (5" - 8")

STAINLESS STEEL BALL VALVES► V-3T



Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure Class	PN 63

BALL VALVE WITH MOUNTING PAD► V-3TP



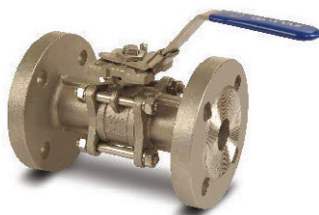
Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure Class	PN 63

STAINLESS STEEL BALL VALVES► V-3F



Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure Class	PN 40

BALL VALVES WITH MOUNTING PAD► V-3FP



Body	AISI 304 / 316 Stainless Steel
Cover	AISI 304 / 316 Stainless Steel
Ball	AISI 304 / 316 Stainless Steel
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure Class	PN 40

WAFER TYPE BUTTERFLY VALVES► KV-1



Body	GG-25 Cast Iron
Disc	AISI 316 Stainless Steel
Stem	AISI 420 Stainless Steel
Gasket	PTFE
Max. Working Temperature	110 °C
Max. Working Pressure	PN 10
Flanged Pressure	PN 16

WAFER TYPE BUTTERFLY VALVES► KV-3



Body	GG-25 Cast Iron
Disc	AISI 316 Stainless Steel
Stem	AISI 420 Stainless Steel
Gasket	H-EPDM
Max. Working Temperature	130 °C
Max. Working Pressure	PN16 (DN 25-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

LUG TYPE BUTTERFLY VALVES► KV-4



Body	GG-25 Cast Iron
Disc	AISI 316 Stainless Steel
Stem	AISI 420 Stainless Steel
Gasket	H-EPDM
Max. Working Temperature	130 °C
Max. Working Pressure	PN16 (DN 25-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

WAFER TYPE BUTTERFLY VALVES► KV-7



Body	GG-25 Cast Iron
Disc	GGG 40.3 Ductile Iron
Stem	AISI 420 Stainless Steel
Gasket	H-EPDM
Max. Working Temperature	130 °C
Max. Working Pressure	PN16 (DN 25-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

LUG TYPE BUTTERFLY VALVES► KV-8



Body	GG-25 Cast Iron
Disc	GGG 40.3 Ductile Iron
Stem	AISI 420 Stainless Steel
Gasket	H-EPDM
Max. Working Temperature	130 °C
Max. Working Pressure	PN16 (DN 25-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

LUG TYPE BUTTERFLY VALVES FOR NATURAL GAS► KV-9



Body	GGG 40.3 Ductile Iron
Liner	NBR
Disc	GGG 40.3 Ductile Iron
Connection Type	Lug Type
Gasket Material	Stainless Steel 420
Max. Working Temperature	80 °C
Max. Working Pressure	PN 16 DN 25 -300 PN10 DN 350 - 600

WAFER TYPE BUTTERFLY VALVES FOR NATURAL GAS► **KV-10**



Body	GGG 40.3 Ductile Iron
Liner	NBR
Disc	GGG 40.3 Ductile Iron
Connection Type	Wafer Type
Gasket Material	Stainless Steel 420
Max. Working Temperature	80 °C
Max. Working Pressure	16 Bar

WAFER TYPE BUTTERFLY VALVES► **KV-13**



Body	GGG 40.3 Ductile Iron
Disc	AISI 316 Stainless Steel
Stem	DN 25 - DN 300 Stainless Steel 420
	DN 350 - DN 600 Stainless Steel 431
Connection Type	Wafer Type
Gasket Material	EPDM
Max. Working Temperature	-10°C / 110 °C
Max. Working Pressure	PN 16

LUG TYPE BUTTERFLY VALVES► **KV-14**



Body	GGG 40.3 Ductile Iron
Disc	AISI 316 Stainless Steel
Stem	DN 40 - DN 300 Stainless Steel 420
Connection Type	Lug Type
Gasket Material	EPDM
Max. Working Temperature	-10°C / 110 °C
Max. Working Pressure	PN 16

WAFER TYPE BUTTERFLY VALVES► **KV-17**



Body	GGG 40.3 Ductile Iron
Disc	Aluminum Bronze
Stem	AISI 420 Stainless Steel
Gasket	NBR
Max. Working Temperature	90 °C
Max. Working Pressure	PN16 (DN 40-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

LUG TYPE BUTTERFLY VALVES► **KV-18**



Body	GGG 40.3 Ductile Iron
Disc	Aluminum Bronze
Stem	AISI 420 Stainless Steel
Gasket	NBR
Max. Working Temperature	90 °C
Max. Working Pressure	PN16 (DN 40-300) / PN10 (DN 350-600)
Flanged Pressure	PN 16

LUG TYPE BUTTERFLY VALVES► **KV-20**



Body	GGG 40.3 Ductile Iron
Disc	Aluminum Bronze
Stem	AISI 420 Stainless Steel
Gasket	NBR
Max. Working Temperature	80 °C
Max. Working Pressure	PN16 (DN 80-200) / PN10 (DN 250-400)
Flanged Pressure	PN 16

BALL VALVES► BKV-100



Body	Bronze (CC491 K)
Stem	Brass CW602N
Ball	Brass CW617N
Seat	PTFE
Max. Working Temperature	170 °C
Pressure Class	PN 20
Connection	BSPT Threaded

BRASS VALVES FOR WATER► SK-120



Body	Ni Plated Brass
Cover	Ni Plated Brass
Ball	Chrome Plated Brass
Gasket	PTFE
Connection	Threaded
Max. Working Temperature	110 °C
Pressure Class	PN 25

SWING TYPE BRONZE CHECKVALVE► BC-100



Body	Bronze (CC491 K)
Disc	Bronze (CC491 K)
Max. Working Temperature	170 °C
Pressure Class	PN 20
Connection	BSPT Threaded

SWING TYPE CHECK VALVES► SC-600



Body	Ms 58 Brass
Gasket	NBR
Flap Spring	Stainless Steel
Max. Working Temperature	110 °C
Pressure Class	PN 16

GENERAL USAGE SOLENOID VALVES► AYC4000



Body	Brass
Seal	NBR
Working Temperature	-10 °C / 80 °C
Working Pressure	0 – 10 bar
Supply	220 V 7 AC

EARTHQUAKE VALVES► FDV-10



Body	DDV-10	FDV-10
Inner Parts	Aluminium	Aluminium
Connection	Brass	Brass
Working Temperature	Threaded	Flanged
Working Pressure	-23°C / 60 °C	-23°C / 60 °C
Diameters	0-0,5 Bar	0-4 Bar
	25-32-40-50	65-80-100

STRAINERS► BPT-100



Body
Gasket
Filter
Max. Working Temperature
Pressure Class
Connection

Bronze (CC491 K)
PTFE
AISI 304 Stainless Steel
170 °C
PN 20
BSPT Threaded

STRAINERS► YS-600



Body
Connection
Filter
Max. Working Temperature
Pressure Class

Ni Plated Brass
Threaded
Stainless Steel
110 °C
PN 16

STRAINERS► YS-800



Body
Cover
Connection
Working Temperature
Max. Working Pressure

AISI 304 / 316 Stainless Steel
AISI 304 / 316 Stainless Steel
Threaded
-25°C / 180 °C
40 Bar

SAFETY VALVE► EV-10



Body
Seat
Adjustable Pressure
Max. Working Temperature
Pressure Class

Ni Plated Brass
EPDM
0-12 Bar
130 °C
PN 16

SAFETY VALVES► L9 - LBP



Body
Seat
Disc
Spring
Stem
Seal
Max. Working Temperature
Pressure Class

Bronze Casting
Brass Casting
Brass Casting
Steel
Brass
PTFE
-45 °C/ 185 °C
PN 25

SAFETY VALVES► L9-LSP



Body
Seat
Disc
Spring
Stem
Seal
Max. Working Temperature
Pressure Class

AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
PTFE
-60°C / 196 °C
PN 25

FULL BORE BALL VALVE▶ TGV-10/15



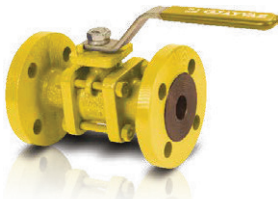
Body	GG-25 Cast Iron
Cover	GG-25 Cast Iron
Ball	Stainless Steel
Gasket	PTFE
Connection	Flanged
Max. Working Temperature	180 °C
Max. Working Pressure	16 Bar

FULL BORE BALL VALVE▶ TGV-25



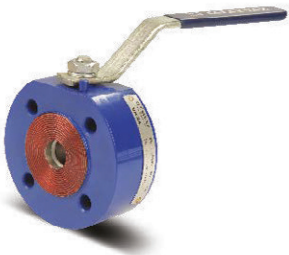
Body	GG-25 Cast Iron
Cover	GG-25 Cast Iron
Ball	Stainless Steel
Gasket	PTFE
Connection	Flanged
Max. Working Temperature	180 °C
Max. Working Pressure	10 / 16 Bar

FULL BORE BALL VALVE▶ TGV-30



Body	GGG 40.3 Ductile Iron
Cover	GGG 40.3 Ductile Iron
Ball	Stainless Steel
Gasket	PTFE
Connection	Flanged
Max. Working Temperature	120 °C
Max. Working Pressure	PN16 (DN15-DN100) / PN25 (DN125-DN200)

MONOBLOCK VALVES FOR WATER▶ MBK-40



	MBK-40	MBK-40 SS
	Carbon Steel	AISI 316 Stainless Steel
	Stainless Steel	AISI 316 Stainless Steel
	1.4031 SS / 1.4086 SS	AISI 316 Stainless Steel
	Flanged	Flanged
	-40°C / 110 °C	-40°C / 110 °C
Body	Carbon Steel	PN 40
Cover	Stainless Steel	
Ball	1.4031 SS / 1.4086 SS	
Connection	Flanged	
Working Temperature	-40°C / 110 °C	
Pressure Class	PN 40	

-FLANGED: DN15 all sizes available in between DN100

MONOBLOCK VALVES FOR LIQUIDS▶ MBK-45



Body	GG-25 Cast Iron
Cover	Stainless Steel
Gasket	EPDM
Pressure Class	PN 16
Working Temperature	-40 / 110 °C

MONOBLOCK VALVES FOR NATURAL GAS▶ MBK-50



Body	Carbon Steel
Ball	AISI 304 Stainless Steel
Connection	Flanged
Working Temperature	-40°C / 60 °C
Pressure Class	PN 40

LIFT TYPE CHECK VALVES► **CLV-50**



Body	GG-25 Cast Iron
Inner Parts	Stainless Steel
Connection	Flanged
Max. Working Temperature	300°C
Max. Working Pressure	16 Bar

WAFER TYPE SWING CHECK VALVES► **CV-30 / 33 / 35**



Body	CV-30 (W / Spring) AISI 316 Stainless Steel	CV-33 (W/O Spring) AISI 316 Stainless Steel	CV-35 (W/O Spring) Galvanized Coated Carbon Steel
O-ring	EPDM	VITON	EPDM
Max. Working Pressure	16 Bar	16 Bar	16 Bar
Max. Working Temperature	100 °C	100 °C	100 °C

WAFER TYPE DISCO CHECK VALVES► **CV-10 / S1 / S2**



Body	CV-10 P MS58 BRASS	CV - 10 S1 AISI 304 Stainless Steel	CV - 10 S2 AISI 316 Stainless Steel
Disc	AISI 304 Stainless Steel	Stainless Steel	Stainless Steel
Spring	AISI 304 Stainless Steel	Stainless Steel	Stainless Steel
Segment	AISI 304 Stainless Steel	Stainless Steel	Stainless Steel
Max. Working Pressure	16 Bar	40 Bar	40 Bar
Max. Working Temperature	250 °C	300 °C	300 °C

WAFER TYPE DISCO CHECK VALVES► **CV-11 / S1 / S2**



Body	CV-11 GG-25 Cast Iron	CV-11 S1 AISI 304 Stainless Steel	CV-11 S2 AISI 316 Stainless Steel
Disc	GG-25 Cast Iron	Stainless Steel	Stainless Steel
Spring	Stainless Steel	Stainless Steel	Stainless Steel
Segment	Stainless Steel	Stainless Steel	Stainless Steel
Max. Working Pressure	16 Bar	40 Bar	40 Bar
Max. Working Temperature	250 °C	300 °C	300 °C

DOUBLE PLATE CHECK VALVES► **CV-20/25**



Body	CV-20 GG-25 Cast Iron	CV-25 GG-25 Cast Iron
Disc	AISI 316 Stainless Steel	GGG 40.3 Ductile Iron
Gasket	EPDM	EPDM
Max. Working Temperature	110 °C	110 °C
Working Pressure	P16 / PN10	P16 / PN10
P16 (DN 50-300) / PN10 (DN 350-600)		

DOUBLE ACTING PNEUMATIC ACTUATOR► PAD-20



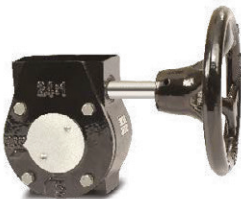
Body	Aluminium Extrusion
Pistons	Aluminium Cast
Stem	Cadmium Cover Steel
Sealing Elements	Nitril Rubber
Valve Connection	TStandard
Max. Working Temperature	-20°C / 80 °C

ELECTRIC ACTUATORS► AYV-20



Working Principle	On - Off (Proportional Opt.)
Protection Class	IP 67
Supply Voltage	220 V AC (Opt. 24 V DC)
Return Angle	90 °± 5
Ambient Temperature	-20°C / 70 °C

WORM GEAR► ADR-20



Body	Epoxy Coated Ductile Iron GGG 40.3
Connection Type	ISO 5211
Max. Working Temperature	-20°C / 70 °C

PNEUMATIC ACTUATOR ACCESSORIES



Body	Epoxy Coated Aluminum Injection
Indicator	Transparent Plastic
Bolt	AISI 316 Stainless Steel

STRAINERS► PTY-30



Body and Cover	GGG 40.3 Ductile Iron
Filter	AISI 304 Stainless Steel
Gasket	Graphite
Max. Working Temperature	200 °C
Max. Working Pressure	16 Bar

STRAINERS► PTY-40



Body	GGG 40
Cover	GGG 40
Filter	AISI 304 Stainless Steel
Gasket	Graphite
Max. Working Temperature	200 °C
Max. Working Pressure	16 Bar

SEPERATORS► **SPR-16/25/40**



Body
Internals
Connections
Condensate output
Air output

Carbon Steel / Stainless Steel (Optional)
Stainless Steel AISI 304
Flanged
3/4"
1/2"

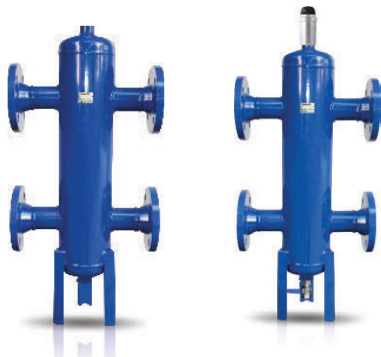
OPERATING CONDITIONS
Max. Operating Pressure (PMO) 16/25/40 bar
Max. Operating Temperature (TMO) 200 °C

AIR SEPERATOR



	Air Seperator	Sediment and Dirt Seperator	Sediment, Air and Dirt Seperator
Body	St. 37 Carbon Steel	St. 37 Carbon Steel	St. 37 Carbon Steel
Max. Working Temperature	100 °C	100 °C	100 °C
Max. Working Pressure	10 bar	10 bar	10 bar
Connection	Threaded / Flanged	Threaded / Flanged	Threaded / Flanged

BALANCE CONTAINER



	Balance Container	Package Balance Container
Body	St. 37 Carbon Steel	St. 37 Carbon Steel
Max. Working Temperature	100 °C	100 °C
Max. Working Pressure	10 bar	10 bar
Connection	Flanged / Welding Neck	Flanged / Welding Neck

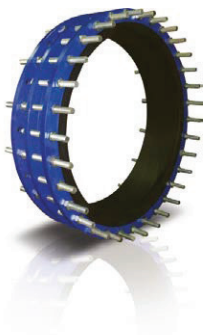
AIR TUBE



Body
Max. Working Temperature
Max. Working Pressure
Connection

St. 37 Carbon Steel
100 °C
10 bar
Flanged

DISMANTLING JOINT



Body
Pressure Range
Working Temperature
Ring

GGG-40 / 50
PN 10 - PN 16
-10°C / 80 °C
EPDM

PILOT OPERATED PRESSURE REDUCER

► AGP-2000



Body
 Main Valve, Pilot Valve, Diaphragm
 Max. Working Temperature
 Max. Working Pressure
 Adjustment
 Size

GG-25 Cast Iron
 Stainless Steel
 220 °C
 PN 25
 0,2-1,5 bar / 1-14 bar
 DN 15 - DN 150

PRESSURE REDUCING VALVES

► BDV-25



Body
 Shaft, Seat, Strainer
 Internals
 Connections

Ductile Iron GGG 40
 Stainless Steel AISI 304
 Stainless Steel AISI 304
 Threaded

OPERATING CONDITIONS
 Max Inlet Pressure
 Max. Outlet Pressure
 Set Pressure

19 bar
 8,6 bar
 0,14-1,7 bar
 1,4-4,0 bar
 3,5-8,6 bar

Max. Operating Temperature

210 °C

PRESSURE REDUCING VALVES

► GD-30



Body
 Main Valve Seat
 Diaphragm
 Connections

Bronze Casting
 Stainless Steel
 Bronze
 Threaded

OPERATING CONDITIONS
 Max Inlet Pressure
 Max. Outlet Pressure
 Set Pressure

17 bar (PN20)
 8,6 bar
 B Type 0,5-4 bar
 C Type 3,5-10 bar

Max. Operating Temperature

210 °C

PRESSURE REDUCING VALVES

► BDV-246 /247



Body
 Inner Parts
 Gasket
 Pressure Class
 Max. Inlet Pressure
 Adjustable Pressure
 Factory Settings
 Nominal Diameter

Brass
 Brass
 NBR
 PN 16
 25 Bar
 1-6 Bar
 3 Bar
 DN25 (1'') - DN50 (2'') BDV46
 DN15 (1/2'') - DN20 (3/4'') BDV247
 Threaded

DYNAMIC BALANCE VALVES ► DBV-30



Body
Connection
Working Temperature
Pressure Class
Working Pressure Range
Diaphragm
Disc

Brass
Threaded
-20 °C / 120 °C
PN 16
0,5 - 3 Bar
EPDM
Stainless Steel

DYNAMIC BALANCE VALVES ► DBV-40



Body
Cartridge
Spring
O-ring
Pressure Class
Working Temperature

GG-25 Cast Iron / Carbon Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
EPDM
PN 16
-20 °C / 120 °C

THREADED STATIC BALANCE VALVES ► BSBV-100



Body
Cover
Disk
Disk Surface
Stem
Gasket
Max. Temperature
Max. Pressure

Bronze
Brass
Brass
PTFE
Bass
EPDM
120 °C
25 Bar

FLANGED STATIC BALANCE VALVES ► BSBV-200



Body
Cover
Disk
Stem
Gasket
Max. Temperature
Max. Pressure

GG-25 Cast Iron
GG-25 Cast Iron
Composite
Brass
EPDM
120 °C
16 Bar

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