



VALVES



5

Rev.1119



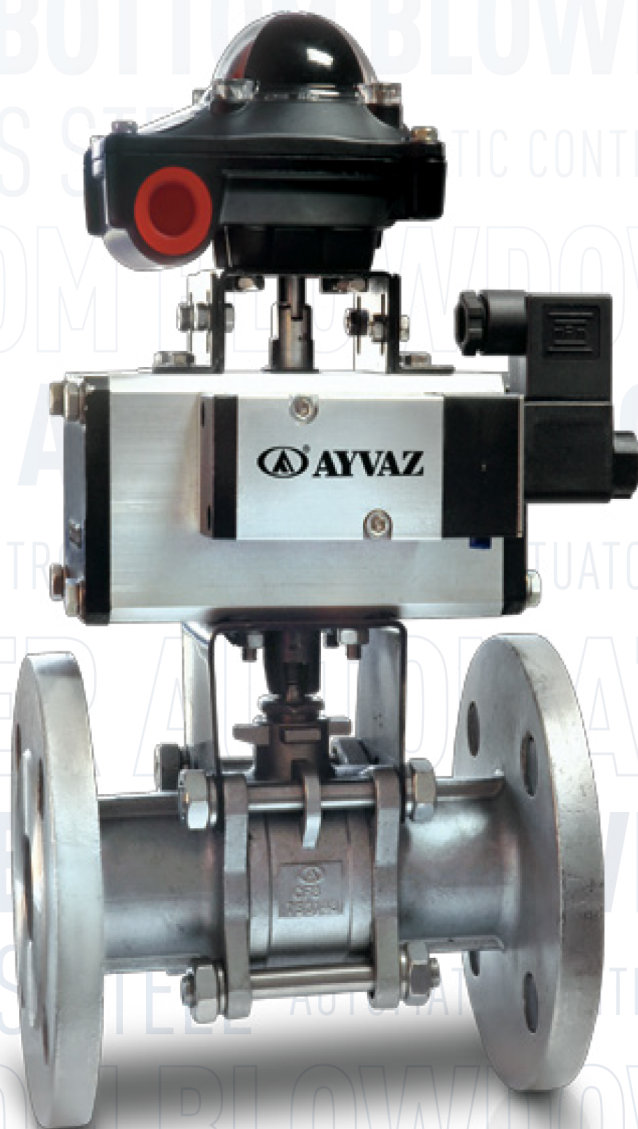
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BLOWDOWN VALVE

BOILER AUTOMATIC BOTTOM BLOWDOWN SYSTEM

DBV-10

DN25-DN32-DN40
STAINLESS STEEL BODY



VALVES

PISTON VALVES ► PV-16



Body	GGG40.3 Ductile Iron
Cover	GGG40.3 Ductile Iron
Wheel	AISI 304 Stainless Steel + Graphite
Piston	1.4104 Stainless Steel
Connection	Flanged
Max. Working Pressure	16 bar
Max. Working Temp.	300 °C

GLOBE VALVES ► GV-16K/25Z/40K



	GV-16K	GV-25Z	GV-40K
Body	GG-25 Cast Iron	EN-GJS-400-18LT (5.3103)	1.0619
Connection	Flanged	Flanged	Flanged
Max. Work. Temperature	250°C	250°C	350°C
Max. Work. Pressure	16 bar	25 bar	40 bar

-FLANGED: DN15 all sizes are available in between DN400

BELLOW SEAL VALVES ► MK-16



	MK-16	MK-25	MK-40
Body	Grey Cast Iron	Nodular Cast Iron	Cast Steel
Seat	X12Cr13	AISI 304 Stainless Steel	AISI 316 Stainless Steel
Disc	X12Cr13	AISI 304 Stainless Steel	AISI 316 Stainless Steel
Connection	Flanged	Flanged	Flanged
Max. Working Temp.	200°C	250°C	300°C
Max. Working Pressure	16 Bar	25 Bar	40 Bar

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



Body	Ductile Iron
Stem	Stainless Steel
O-ring	Rubber EPDM
Gasket	Rubber
Connection	Flanged
Max. Working Pressure	16 Bar
Temperature Range	0°C-80°C
Nominal Pressure Design	PN 10/16 bar

KNIFE GATE VALVE ► BV-16



Body	GGG 40.3 Ductile Iron
Knife	S3 304 Stainless Steel
O-ring	EPDM
Size	DN 50 - DN 600
Max. Working Temperature	-10°C / 110 °C

WAFER TYPE DISCO CHECK VALVES ► CV-10P



Body Material
Disc Material
Centering Hoop
Spring Material
Connection Type
Nominal Pressure (PN)
Min. Allowable Temp.
Max. Operating Temp.

Brass Ms58
Stainless Steel AISI 316
Stainless Steel AISI 302
Stainless Steel AISI 302
Wafer Type
16 bar
-10°C
250°C

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



Body Material
Disc Material
Centering Hoop
Spring Material
Connection Type
Nominal Pressure (PN)
Min. Allowable Temp.
Max. Operating Temp.

CV-10S1
Stainless Steel AISI 304
Stainless Steel AISI 316
Stainless Steel AISI 302
Stainless Steel AISI 302
Wafer Type
40 bar
-10°C
300°C

CV-10S2
Stainless Steel AISI 316
Stainless Steel AISI 316
Stainless Steel AISI 302
Stainless Steel AISI 302
Wafer Type
40 bar
-10°C
300°C

WAFER TYPE DISCO CHECK VALVES ► CV-11



Body
Disc
Spring
Segment
Centering Hoop
Max. Working Pressure
Working Temperature

CV-11
GG-25 Cast Iron
GG-25 Cast Iron
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
16 Bar
-10°C / 300 °C
(Depends on Pressure)

CV-11S1
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
AISI 304 Stainless Steel
40 Bar
-10°C / 300 °C

CV-11S2
AISI 316 Stainless Steel
AISI 316 Stainless Steel
AISI 316 Stainless Steel
AISI 316 Stainless Steel
AISI 316 Stainless Steel
40 Bar
-10°C / 300 °C

DOUBLE PLATE CHECK VALVES ► CV-20/25



Body Material
Disc Material
Resilient Seat
Spring Material
Disc Bearing
Connection Type
Nominal Pressure (PN)
Min. Allowable Temp
Max. Operating Temperature

CV-20
Cast Iron GG25
Stainless Steel AISI 316
EPDM
Stainless Steel AISI 304
Teflon
Wafer Type
10/16 bar
-10°C
110°C

CV-25
Cast Iron GG25
Ductile Iron GGG 40.3
EPDM
Stainless Steel AISI 304
Teflon
Wafer Type
10/16 bar
-10°C
110°C

WAFER TYPE SWING CHECK VALVES ► CV-30



Body
Disc
Max. Working Pressure
Working Temperature

AISI 316 Stainless Steel
AISI 316 Stainless Steel
16 Bar
-10°C / 100 °C

WAFER TYPE SWING CHECK VALVES ► CV-33



Body
Disc
Max. Working Pressure
Working Temperature

CF8M
CF8M
16 Bar
-10°C / 100 °C

WAFER TYPE DISCO CHECK VALVES ► CV-35


Body
Disc
Max. Working Pressure
Working Temperature

Carbon Steel
Carbon Steel
16 Bar
-10°C / 100 °C

LIFT TYPE CHECK VALVES ► CLV-50


Body Material
Cover
Disc Material
Spring Material
Gasket
Connection Type
Nominal Pressure (PN)
Operating Temperature

GG-25 Cast Iron
GG-25 Cast Iron
Stainless Steel AISI 304
Stainless Steel AISI 304
CrNi laminated pure graphite
Flanged
16 bar
-10°C / 180 °C

SWING TYPE CHECK VALVES ► SC-200


Body Material
Disc Material
Pipe Plug
Picking Material
Connection Type
Nominal Pressure (PN)
Max. Operating Temperature

Stainless Steel AISI 304
Stainless Steel AISI 304
Stainless Steel AISI 304
PTFE
Threaded
16 bar
180°C

Stainless Steel AISI 316
Stainless Steel AISI 316
Stainless Steel AISI 316
PTFE
Threaded
16 bar
180°C

SWING TYPE CHECK VALVES ► SC-400


Body
Cover
Max. Operating Pressure
Max. Operating Temperature
Connection

Brass
Brass
16 Bar
70 °C
Threaded

STRAINERS ► YS-600


Body
Filter
Gasket
Cover
Max. Working Temperature
Max. Working Pressure

YS-600
Brass
Stainless Steel
Klingerite
Brass
110 °C
PN 16

STRAINERS ► YS-800


Body
Filter
Gasket
Cover
Max. Working Temperature
Max. Working Pressure

AISI 304/316
AISI 304/316
PTFE
AISI 304/316
-25°C / 180 °C
40 Bar

STRAINERS ► PTY-30



Body and Cover
Filter
Gasket
Max. Working Temperature
Max. Working Pressure

GGG 40.3 Ductile Iron
AISI 304 Stainless Steel
Graphite
200 °C
16 Bar

STRAINERS ► PTY-40



Body and Cover
Filter
Gasket
Max. Working Temperature
Max. Working Pressure

GGG 40.3 Ductile Iron
AISI 304 Stainless Steel
Graphite
200 °C
16 Bar

PNEUMATIC CONTROLLED ON/OFF VALVES ► PKV-50



Body
Connection
Max. Working Pressure
Max. Working Temperature
Air Supply Range
Size

AISI 316 Stainless Steel
Threaded
16 Bar
180 °C
3-8 Bar
1/2"-2"

WAFLER TYPE BUTTERFLY VALVES ► KV-3



Body
Disc
Stem

Connection Type
Gasket Material
Max. Working Temperature
Max. Working Pressure

GG-25 Cast Iron
AISI 316 Stainless Steel
DN 25 - DN 300 Stainless Steel 420
DN 350 - DN 600 Stainless Steel 431
Wafer Type
EPDM
-10°C / 110 °C
PN 16 DN 25 - 300
PN10 DN 350 - 600

LUG TYPE BUTTERFLY VALVES ► KV-4



Body
Disc
Stem

Connection Type
Gasket Material
Max. Working Temperature
Max. Working Pressure

GG-25 Cast Iron
AISI 316 Stainless Steel
DN 25 - DN 300 Stainless Steel 420
DN 350 - DN 600 Stainless Steel 431
Lug Type
EPDM
-10°C / 110 °C
PN 16 DN 25 - 300
PN10 DN 350 - 600

WAFLER TYPE BUTTERFLY VALVES ► KV-7



Body
Disc
Stem

Connection Type
Gasket Material
Max. Working Temperature
Max. Working Pressure

GG-25 Cast Iron
GGG 40.3 Ductile Iron
DN 25 - DN 300 Stainless Steel 420
DN 350 - DN 600 Stainless Steel 431
Wafer Type
EPDM
-10°C / 110 °C
PN 16 DN 25 - 300
PN10 DN 350 - 600

LUG TYPE BUTTERFLY VALVES ► KV-8


Body
 Disc
 Stem

 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GG-25 Cast Iron
 GGG 40.3 Ductile Iron
 DN 25 - DN 300 Stainless Steel 420
 DN 350 - DN 600 Stainless Steel 431
 Lug Type
 EPDM
 -10°C / 110 °C
 PN 16 DN 25 -300
 PN10 DN 350 - 600

LUG TYPE BUTTERFLY VALVES FOR NATURAL GAS ► KV-9


Body
 Liner
 Disc
 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GGG 40.3 Ductile Iron
 NBR
 GGG 40.3 Ductile Iron
 Lug Type
 Stainless Steel 420
 80 °C
 PN 16 DN 25 -300
 PN10 DN 350 - 600

WAFER TYPE BUTTERFLY VALVES FOR NATURAL GAS ► KV-10


Body
 Liner
 Disc
 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GGG 40.3 Ductile Iron
 NBR
 GGG 40.3 Ductile Iron
 Wafer Type
 Stainless Steel 420
 80 °C
 16 Bar

WAFER TYPE BUTTERFLY VALVES ► KV-13


Body
 Disc
 Stem

 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GGG 40.3 Ductile Iron
 AISI 316 Stainless Steel
 DN 25 - DN 300 Stainless Steel 420
 DN 350 - DN 600 Stainless Steel 431
 Wafer Type
 EPDM
 -10°C / 110 °C
 PN 16

LUG TYPE BUTTERFLY VALVES ► KV-14


Body
 Disc
 Stem
 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GGG 40.3 Ductile Iron
 AISI 316 Stainless Steel
 DN 40 - DN 300 Stainless Steel 420
 Lug Type
 EPDM
 -10°C / 110 °C
 PN 16

WAFER TYPE BUTTERFLY VALVES ► KV-17


Body
 Disc
 Stem

 Connection Type
 Gasket Material
 Max. Working Temperature
 Max. Working Pressure

GGG 40.3 Ductile Iron
 Aluminium Bronze
 DN 40 - DN 300 Stainless Steel 420
 DN 350 - DN 600 Stainless Steel 431
 Wafer Type
 NBR
 -10°C / 80 °C
 PN 16 DN 40 -300
 PN10 DN 350 - 600

LUG TYPE BUTTERFLY VALVES ► KV-18

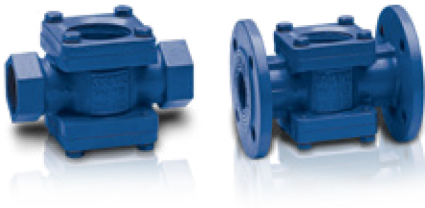


Body
Disc
Stem

Connection Type
Gasket Material
Max. Working Temperature
Max. Working Pressure

GGG 40.3 Ductile Iron
Aluminium Bronze
DN 40 - DN 300 Stainless Steel 420
DN 350 - DN 600 Stainless Steel 431
Lug Type
NBR
-10°C / 80 °C
PN 16 DN 40 -300
PN10 DN 350 - 600

SIGHT GLASS ► SG



Body
Glass
Gasket
Connection Type
Max. Working Pressure
Max. Working Temperature

GG-25 Cast Iron
Tempered Sodaime Glass
PTFE
Flanged, Threaded
16 Bar
-30°C / 150 °C

DOUBLE ACTING PNEUMATIC ACTUATOR ► PAD-20



Body
Pistons
Stem
Sealing Elements
Valve Connection
Max. Working Temperature

Aluminium Extrusion
Aluminium Cast
Cadmium Cover Steel
Nitril Rubber
Standard
-20°C / 80 °C

ELECTRIC ACTUATORS



Body
Cover
Max. Working Temperature
Valve Size

Aluminium
Aluminium
-20°C / 70 °C
DN15 - DN400

WORM GEAR



Body
Diameters
Connection Type
Max. Working Temperature

Epoxy Coated Ductile Iron GGG 40.3
DN 25 - DN 1200
ISO 5211
-20°C / 70 °C

EARTHQUAKE VALVES ► FDV-10



Body
Inner Parts
Connection
Working Temperature
Working Pressure
Diameters

DDV-10
Aluminium
Brass
Threaded
-23°C / 60 °C
0-0,5 Bar
25-32-40-50

FDV-10
Aluminium
Brass
Flanged
-23°C / 60 °C
0-4 Bar
65-80-100

STAINLESS STEEL BALL VALVES ► V-2T



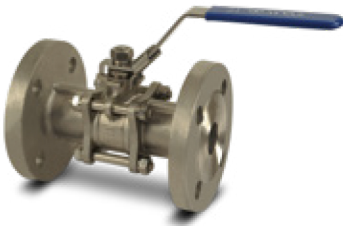
Body	AISI 316 / AISI 304 Stainless Steel
Ball	AISI 316 / AISI 304 Stainless Steel
Connection	Threaded
Max. Working Temperature	-50°C / 210 °C
Max. Working Pressure	63 Bar
Size	DN 15 - DN 100

STAINLESS STEEL BALL VALVES ► V-3T



Body	AISI 316 / AISI 304 Stainless Steel
Ball	AISI 316 / AISI 304 Stainless Steel
Connection	Threaded
Max. Working Temperature	-50°C / 210 °C
Max. Working Pressure	40 Bar
Size	DN 15 - DN 100

STAINLESS STEEL BALL VALVES ► V-3F



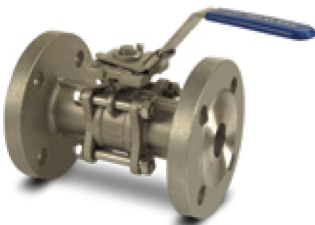
Body	AISI 316 / AISI 304 Stainless Steel
Ball	AISI 316 / AISI 304 Stainless Steel
Connection	Flanged
Max. Working Temperature	-50°C / 210 °C
Max. Working Pressure	40 Bar
Size	DN 15 - DN 100

BALL VALVE WITH MOUNTING PAD ► V-3TP



Body	AISI 316 / AISI 304 Stainless Steel
Ball	AISI 316 / AISI 304 Stainless Steel
Connection	Threaded
Max. Working Temperature	-50°C / 210 °C
Max. Working Pressure	40 Bar
Size	DN 15 - DN 100

BALL VALVES WITH MOUNTING PAD ► V-3FP



Body	AISI 316 / AISI 304 Stainless Steel
Ball	AISI 316 / AISI 304 Stainless Steel
Connection	Flanged
Max. Working Temperature	-50°C / 210 °C
Max. Working Pressure	40 Bar
Size	DN 15 - DN 100

BRASS VALVES FOR WATER ► SK-120



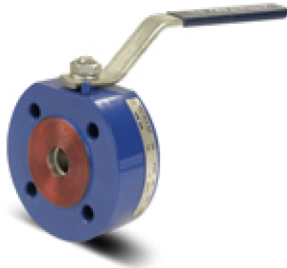
Body	Brass
Ball	Brass
Connection	Threaded
Max. Working Temperature	66 °C
Working Pressure	PN25
Size	1/2" - 2"

MONOBLOCK FLANGED VALVES ► MV-14



Body	AISI 316 Stainless Steel
Connection	Flanged
Gasket	PTFE
Working Temperature	-25°C / 180 °C
Pressure	PN 16

MONOBLOCK VALVES FOR WATER ► MBK-40



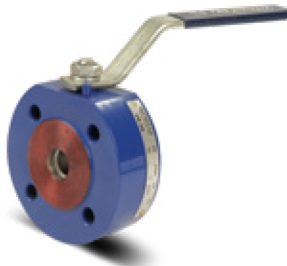
Body	Carbon Steel
Cover	Carbon Steel
Ball	1.4031 SS / 1.4086 SS
Connection	Flanged
Working Temperature	-40°C / 110 °C
Pressure Class	PN 40

MBK-40
Carbon Steel
Carbon Steel
1.4031 SS / 1.4086 SS
Flanged
-40°C / 110 °C
PN 40

MBK-40 SS
AISI 316 Stainless Steel
AISI 316 Stainless Steel
AISI 316 Stainless Steel
Flanged
-40°C / 110 °C
PN 40

-FLANGED: DN15 all sizes available in between DN100

MONOBLOCK VALVES FOR LIQUIDS ► MBK-45



Body	GG-25 Cast Iron
Ball	AISI 304 Stainless Steel
Connection	Flanged
Working Temperature	-40°C / 110 °C
Pressure Class	PN 40

GG-25 Cast Iron
AISI 304 Stainless Steel
Flanged
-40°C / 110 °C
PN 40

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

Carbon Steel
AISI 304 Stainless Steel
Flanged
-40°C / 60 °C
PN 40

FULL BORE BALL VALVE ► TGV-10



Body	GG-25 Cast Iron
Ball	1.403 Stainless Steel
Connection	Flange
Flange	GG-25 Cast Iron
Max. Pressure	16 Bar
Working Temperature	-10°C / 180 °C
Size	DN 15 - DN 200

GG-25 Cast Iron
1.403 Stainless Steel
Flange
GG-25 Cast Iron
16 Bar
-10°C / 180 °C
DN 15 - DN 200

FULL BORE BALL VALVE ► TGV-20



Body	GG-25 Cast Iron
Ball	AISI 304 Stainless Steel
Connection	Flange
Working Temperature	180 °C
Size	DN 40 - DN 250
Max. Pressure	10 / 16 Bar DN 40 - DN 150 16 Bar DN 200 - DN 250

GG-25 Cast Iron
AISI 304 Stainless Steel
Flange
180 °C
DN 40 - DN 250
10 / 16 Bar DN 40 - DN 150
16 Bar DN 200 - DN 250

BRASS SAFETY VALVES ► SV-254



Body
Valve
Connection
Dimension
Max. Working Pressure
Working Temperature

Brass - Bronze
Teflon - Metal
ISO 228 / Threaded
1/2" - 3/4" - 1"
12 Bar
0°C / 200 °C Metal Stopper
0°C / 150 °C Teflon Stopper

SAFETY VALVES ► L9 - LB



Body
Seat
Disc
Gasket
Stem
Working Pressure
Working Temperature

Cast Bronze
Cast Brass
Cast Brass
PTFE
Brass
2 - 10,5 Bar / 10,5 - 20 Bar
-45°C / 185 °C

SAFETY VALVES ► L9-LS



Body
Seat
Disc
Gasket
Stem
Working Pressure
Working Temperature

Stainless Steel
Stainless Steel or CF8
Stainless Steel or CF8
Stainless Steel
Stainless Steel
2 - 10,5 Bar / 10,5 - 20 Bar
-5°C / 290 °C

DYNAMIC BALANCE VALVES ► DBV-30

DBV-30



DBV-40



Body
Connection
Max. Working Temperature
Working Pressure Range
Diaphragm / O- Ring
Disc

DBV-30
Brass
Threaded
120 °C
0,5 - 3 Bar
EPDM
Stainless Steel

DBV-40 Valve
St. 37
Threaded
-20°C / 120 °C
PN 16
EPDM

DBV-40 Cartridge
AISI 304
Threaded
-20°C / 120 °C
PN 16
EPDM

BOTTOM BLOWDOWN VALVES ► DBV-10



Body
Connection
Size

Stainless Steel
Flanged
DN 40 (DN 25 & DN 32 Opt.)



PILOT ACTIVATED 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 REDUCERS ► AGD-30


Body
Seat
Connection
Working Pressure
Max. Working Temperature
Inlet Pressure
Outlet Pressure
Spring), 3,5-10 Bar (C Spring)

Bronze
Stainless Steel
Threaded
PN 20
210 °C
Up to 17 Bar
0,2-1 Bar (A Spring), 0,5-4 Bar (B

PRESSURE REDUCERS ► BDV-25


Body
Filter
Connection
Max. Body Pressure
Max. Design Temperature
Max. Inlet Pressure
Max. Outlet Pressure
Size

GGG 40.3 Ductile Iron
AISI 316 Stainless Steel
Threaded
PN 25
210 °C
19 Bar
8.6 Bar
1/2" - 3/4" - 1"

PRESSURE REDUCING VALVES ► BDV-247


Body
Gasket
Pressure Class
Max. Working Temperature
Inlet Pressure
Connection
Size

Brass
NBR
PN 16
90 °C
25 Bar
Threaded
DN 15 - DN 50

THREADED STATIC BALANCE VALVES ► BSBV-100


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

Bronze
Brass
PTFE
Brass
EPDM
25 Bar
120 °C

FLANGED STATIC BALANCE VALVES ► BSBV-200


Body
Cover
Disk
Stem
O-ring
Max. Pressure
Max. Temperature

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

STEAM SOLENOID VALVES ► A2L - AYCP31



Body
Connection
Working Temperature
Size
Pressure Range
Solenoid Type
Protection Class

AYCP31
Stainless Steel
Threaded
200 °C
1/2"-2"
0,5-15 Bar
N.C.
IP65

A2L
Brass
Threaded
200 °C
1/2"-2"
0,5-15 Bar
N.C.
IP65

FUEL SOLENOID VALVES ► AYCD



Body
Connection
Working Temperature
Size
Pressure Range
Solenoid Type
Protection Class

AYCD-Brass
Stainless Steel
Threaded
-10°C / 80 °C
1/2"-2"
0-10 Bar
N.C.
IP65

AYCD-SS
Brass
Threaded
-10°C / 80 °C
1/2"-2"
0-10 Bar
N.C.
IP65

GENERAL USAGE SOLENOID VALVES ► A2W



Body
Connection
Working Temperature
Size
Pressure Range
Solenoid Type
Protection Class

A2W-Brass
Stainless Steel
Threaded
-10°C / 80 °C
3/8"-2"
0,3-10 Bar
N.C.
IP65

A2W-SS
Brass
Threaded
-10°C / 80 °C
3/8"-2"
0,3-10 Bar
N.C.
IP65

DISMANTLING JOINT



Body
Pressure Range
Connection
Working Temperature
Ring

GGG-40 / 50
PN10-PN16
DN100-DN2000
-10°C / 80 °C
EPDM

VALVE JACKETS



Working Temperature Range
Conductivity Unit
Thickness
Hydrophobic

Pyrogel XT
0°C / 650 °C
0,021 W / mK
5mm-10mm
Yes

Cryogel
-200°C / 90 °C
0,015 W / mK
5mm-10mm
Yes

Rockwool
0°C / 175 °C
0,040 W / mK
40 mm - 50 mm
No



REDUCES
ENERGY LOST

VALVE INSULATION JACKETS

ENERGY SAVING

PROVIDE EASY MAINTENANCE



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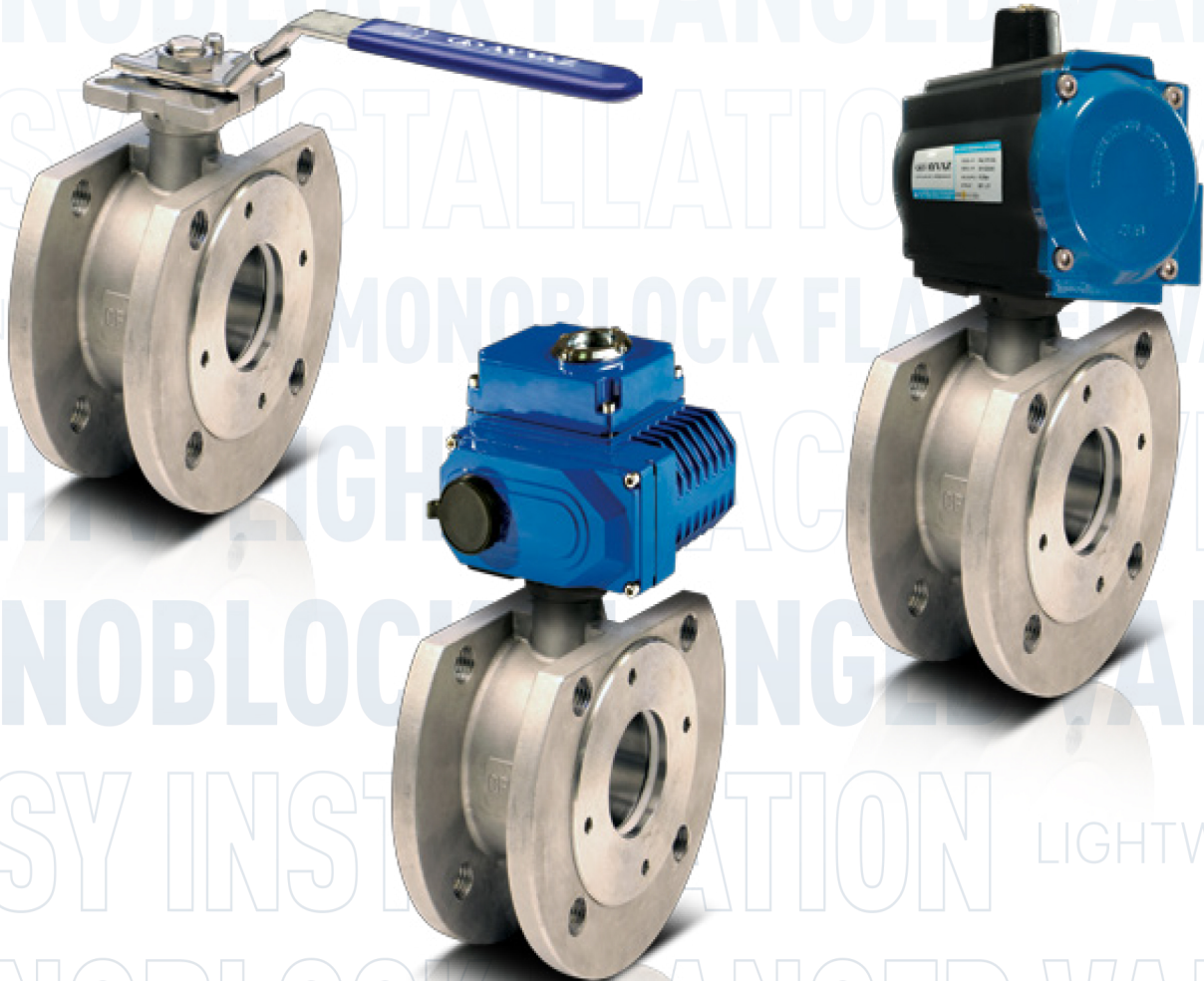
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MONOBLOCK
DESIGN

MONOBLOCK FLANGED VALVE

MV-14

LIGHTWEIGHT
SPACE-SAVING
EASY INSTALLATION



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