



 **VALVESEAL**
valves & sealing solutions

2022

CATALOGUE

YOUR PARTNER SPECIALIST
IN VALVES FOR FLUID FACILITIES



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"The partner specialist in valves for fluid facilities"



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NEW



BUTTERFLY VALVE WAFER TYPE BETWEEN FLANGES PN-10 / PN-16 / 150#



BODY: DUCTILE IRON GJS400
DISC: DUCTILE IRON GJS400 + EPOXY / S.STEEL CF8M
STEM: S.STEEL 420 **SEAT:** EPDM
COATING: EPOXY 200µm.
PN10 FROM DN700



TECFLW



DN	GJS400 DISC		S.S. 316 DISC	
	LEVER	GEAR-BOX	LEVER	GEAR-BOX
40	BFV.040.51121W	BFV.040.51122W	BFV.040.52121W	BFV.040.52122W
50	BFV.050.51121W	BFV.050.51122W	BFV.050.52121W	BFV.050.52122W
65	BFV.065.51121W	BFV.065.51122W	BFV.065.52121W	BFV.065.52122W
80	BFV.080.51121W	BFV.080.51122W	BFV.080.52121W	BFV.080.52122W
100	BFV.100.51121W	BFV.100.51122W	BFV.100.52121W	BFV.100.52122W
125	BFV.125.51121W	BFV.125.51122W	BFV.125.52121W	BFV.125.52122W
150	BFV.150.51121W	BFV.150.51122W	BFV.150.52121W	BFV.150.52122W
200	BFV.200.51121W	BFV.200.51122W	BFV.200.52121W	BFV.200.52122W
250	BFV.250.51121W	BFV.250.51122W	BFV.250.52121W	BFV.250.52122W
300	BFV.300.51121W	BFV.300.51122W	BFV.300.52121W	BFV.300.52122W
350		BFV.350.51122W		BFV.350.52122W
400		BFV.400.51122W		BFV.400.52122W
450		BFV.450.51122W		BFV.450.52122W
500		BFV.500.51122W		BFV.500.52122W
600		BFV.600.51122W		BFV.600.52122W
700		BFV.700.51122W		BFV.700.52122W
800		BFV.800.51122W		BFV.800.52122W
900		BFV.900.51122W		BFV.900.52122W
1000		BFV.1000.51122W		BFV.1000.52122W
1200		BFV.1200.51122W		BFV.1200.52122W

BUTTERFLY VALVE LUG TYPE PN16 WITH SS 316 DISC PN10/PN16

BODY: DUCTILE IRON GJS400
DISC: S.STEEL CF8M
STEM: S.STEEL 420 **SEAT:** EPDM
COATING: EPOXY 200µm.



TECFLW



DN	LEVER	GEAR-BOX
40	BFV.040.52121L	BFV.040.52122L
50	BFV.050.52121L	BFV.050.52122L
65	BFV.065.52121L	BFV.065.52122L
80	BFV.080.52121L	BFV.080.52122L
100	BFV.100.52121L	BFV.100.52122L
125	BFV.125.52121L	BFV.125.52122L
150	BFV.150.52121L	BFV.150.52122L
200	BFV.200.52121L	BFV.200.52122L
250	BFV.250.52121L	BFV.250.52122L
300	BFV.300.52121L	BFV.300.52122L
350		BFV.350.52122L
400		BFV.400.52122L
450		BFV.450.52122L
500		BFV.500.52122L
600		BFV.600.52122L

OTHER DIAMETERS, EPDM SEAT & PAINT WRAS CERTIFIES ON REQUEST

BUTTERFLY VALVES

BUTTERFLY VALVE WAFER TYPE BETWEEN FLANGES PN-10 / PN-16 / 150#

TF-BFV-W



DISC	S.STEEL 316	S.STEEL 316	BRONCE-ALU
SEAT	NBR	FPM	NBR
DN			
32/40	BFV.040.52221W	BFV.040.52321W	BFV.040.53221W
50	BFV.050.52221W	BFV.050.52321W	BFV.050.53221W
65	BFV.065.52221W	BFV.065.52321W	BFV.065.53221W
80	BFV.080.52221W	BFV.080.52321W	BFV.080.53221W
100	BFV.100.52221W	BFV.100.52321W	BFV.100.53221W
125	BFV.125.52221W	BFV.125.52321W	BFV.125.53221W
150	BFV.150.52221W	BFV.150.52321W	BFV.150.53221W
200	BFV.200.52221W	BFV.200.52321W	BFV.200.53221W
250	BFV.250.52221W	BFV.250.52321W	BFV.250.53221W
300	BFV.300.52221W	BFV.300.52321W	BFV.300.53221W

WAFER BUTTERFLY VALVE METAL SEAT

BODY: STEEL / S.STEEL CF8M

DISC: S.STEEL CF8M



WAFER BUTTERFLY VALVE

FULL S.STEEL

BODY: S.STEEL CF8M

DISC: S.STEEL CF8M



SEAT	METAL	METAL	EPDM
DN	A216 WCB BODY	CF8M BODY	CF8M BODY
40	BFV.040.32021W	BFV.040.12021W	BFV.040.12121W
50	BFV.050.32021W	BFV.050.12021W	BFV.050.12121W
65	BFV.065.32021W	BFV.065.12021W	BFV.065.12121W
80	BFV.080.32021W	BFV.080.12021W	BFV.080.12121W
100	BFV.100.32021W	BFV.100.12021W	BFV.100.12121W
125	BFV.125.32021W	BFV.125.12021W	BFV.125.12121W
150	BFV.150.32021W	BFV.150.12021W	BFV.150.12121W
200	BFV.200.32021W	BFV.200.12021W	BFV.200.12121W
250	BFV.250.32021W		BFV.250.12121W
300	BFV.300.32021W		BFV.300.12121W

OTHER DIAMETERS ON REQUEST

BUTTERFLY VALVE WAFER TYPE PTFE SEAT BETWEEN FLANGES PN-10 / PN-16 / 150#



BODY: WCB
DISC: CF8M
SEAT: PTFE



BODY: WCB
DISC: CF8M+PTFE
SEAT: PTFE



BODY: S.STEEL CF8M
DISC: CF8M+PTFE
SEAT: PTFE

DN	DISC CF8M	DISC CF8M+PTFE	DISC CF8M+PTFE
40	BFV.040.32421W	BFV.040.34421W	BFV.040.14421W
50	BFV.050.32421W	BFV.050.34421W	BFV.050.14421W
65	BFV.065.32421W	BFV.065.34421W	BFV.065.14421W
80	BFV.080.32421W	BFV.080.34421W	BFV.080.14421W
100	BFV.100.32421W	BFV.100.34421W	BFV.100.14421W
125	BFV.125.32421W	BFV.125.34421W	BFV.125.14421W
150	BFV.150.32421W	BFV.150.34421W	BFV.150.14421W
200	BFV.200.32422W	BFV.200.34422W	BFV.200.14422W
250	BFV.250.32422W	BFV.250.34422W	BFV.250.14422W
300	BFV.300.32422W	BFV.300.34422W	BFV.300.14422W
350	BFV.350.32422W	BFV.350.34422W	BFV.350.14422W
400	BFV.400.32422W	BFV.400.34422W	BFV.400.14422W
450	BFV.450.32422W	BFV.450.34422W	BFV.450.14422W
500	BFV.500.32422W	BFV.500.34422W	BFV.500.14422W
600	BFV.600.32422W	BFV.600.34422W	BFV.600.14422W

UP TO DN150 WITH ALUMINUM LEVER - FROM DN200 WITH GEAR-BOX. S.STEEL LEVER ON REQUEST

PFA SEAT OR DISC COVERED WITH **PFA** ON REQUEST

BUTTERFLY VALVE LUG TYPE PTFE SEAT FOR FLANGES PN-10 / PN-16 / 150#



BODY: WCB
DISC: CF8M
SEAT: PTFE



BODY: WCB
DISC: CF8M+PTFE
SEAT: PTFE



BODY: S.STEEL CF8M
DISC: CF8M+PTFE
SEAT: PTFE

DN	DISC CF8M	DISC CF8M+PTFE	DISC CF8M+PTFE
40	BFV.040.32421L	BFV.040.34421L	BFV.040.14421L
50	BFV.050.32421L	BFV.050.34421L	BFV.050.14421L
65	BFV.065.32421L	BFV.065.34421L	BFV.065.14421L
80	BFV.080.32421L	BFV.080.34421L	BFV.080.14421L
100	BFV.100.32421L	BFV.100.34421L	BFV.100.14421L
125	BFV.125.32421L	BFV.125.34421L	BFV.125.14421L
150	BFV.150.32421L	BFV.150.34421L	BFV.150.14421L
200	BFV.200.32422L	BFV.200.34422L	BFV.200.14422L
250	BFV.250.32422L	BFV.250.34422L	BFV.250.14422L
300	BFV.300.32422L	BFV.300.34422L	BFV.300.14422L
350	BFV.350.32422L	BFV.350.34422L	BFV.350.14422L
400	BFV.400.32422L	BFV.400.34422L	BFV.400.14422L
450	BFV.450.32422L	BFV.450.34422L	BFV.450.14422L
500	BFV.500.32422L	BFV.500.34422L	BFV.500.14422L
600	BFV.600.32422L	BFV.600.34422L	BFV.600.14422L

UP TO DN150 WITH ALUMINUM LEVER - FROM DN200 WITH GEAR-BOX. S.STEEL LEVER ON REQUEST

PFA SEAT OR DISC COVERED WITH **PFA** ON REQUEST

BUTTERFLY VALVE FLANGED TYPE PN-10 / PN-16 VULCANIZED SEAT

BODY: DUCTILE IRON GJS400

SEAT: EPDM (VULCANIZED)

DISC: DUCTILE IRON GJS400+EPOXY

COATING: EPOXY 250µm.

STEM: S.STEEL 420

FACE TO FACE: EN 558-1 SERIES 13

PN10 FROM DN700

DN	LEVER	GEAR-BOX
50	BFV13.050.51121	BFV13.050.51122
65	BFV13.065.51121	BFV13.065.51122
80	BFV13.080.51121	BFV13.080.51122
100	BFV13.100.51121	BFV13.100.51122
125	BFV13.125.51121	BFV13.125.51122
150	BFV13.150.51121	BFV13.150.51122
200	BFV13.200.51121	BFV13.200.51122
250	BFV13.250.51121	BFV13.250.51122
300	BFV13.300.51121	BFV13.300.51122
350	N/A	BFV13.400.51122
400	N/A	BFV13.400.51122
450	N/A	BFV13.450.51122
500	N/A	BFV13.500.51122
600	N/A	BFV13.600.51122
700	N/A	BFV13.700.51112
800	N/A	BFV13.800.51112
900	N/A	BFV13.900.51112
1000	N/A	BFV13.1000.51112
1200	N/A	BFV13.1200.51112

TECFLW



OTHER DIAMETERS, EPDM SEAT & PAINT WRAS CERTIFIES ON REQUEST

BUTTERFLY VALVE FLANGED TYPE PN-10 / PN-16 VULCANIZED SEAT

BODY: DUCTILE IRON GJS400

SEAT: EPDM (VULCANIZED)

DISC: S.STEEL CF8M

COATING: EPOXY 250µm.

STEM: S.STEEL 420

FACE TO FACE: EN 558-1 SERIES 13

PN10 FROM DN700

DN	LEVER	GEAR-BOX
50	BFV13.050.52121	BFV13.050.52122
65	BFV13.065.52121	BFV13.065.52122
80	BFV13.080.52121	BFV13.080.52122
100	BFV13.100.52121	BFV13.100.52122
125	BFV13.125.52121	BFV13.125.52122
150	BFV13.150.52121	BFV13.150.52122
200	BFV13.200.52121	BFV13.200.52122
250	BFV13.250.52121	BFV13.250.52122
300	BFV13.300.52121	BFV13.300.52122
350	N/A	BFV13.400.52122
400	N/A	BFV13.400.52122
450	N/A	BFV13.450.52122
500	N/A	BFV13.500.52122
600	N/A	BFV13.600.52122
700	N/A	BFV13.700.52112
800	N/A	BFV13.800.52112
900	N/A	BFV13.900.52112
1000	N/A	BFV13.1000.52112
1200	N/A	BFV13.1200.52112

TECFLW



OTHER DIAMETERS, EPDM SEAT & PAINT WRAS CERTIFIES ON REQUEST

BUTTERFLY VALVE FLANGED TYPE PN16 EPDM SEAT. WITH GEAR-BOX**BODY:** DUCTILE IRON GJS400**SEAT:** EPDM**DISC:** D.IRON GJS400+EPOXY / S.STEEL CF8M**COATING:** EPOXY 250µm.**STEM:** S.STEEL 420**FACE TO FACE:** EN 558-1 SERIES 20**PN10 FROM DN700**

DN	GJS400 DISC	SS CF8M DISC
50	BFV20.050.51121	BFV20.050.52121
65	BFV20.065.51121	BFV20.065.52121
80	BFV20.080.51121	BFV20.080.52121
100	BFV20.100.51121	BFV20.100.52121
125	BFV20.125.51121	BFV20.125.52121
150	BFV20.150.51121	BFV20.150.52121
200	BFV20.200.51122	BFV20.200.52122
250	BFV20.250.51122	BFV20.250.52122
300	BFV20.300.51122	BFV20.300.52122
350	BFV20.350.51122	BFV20.350.52122
400	BFV20.400.51122	BFV20.400.52122
450	BFV20.450.51122	BFV20.450.52122
500	BFV20.500.51122	BFV20.500.52122
600	BFV20.600.51122	BFV20.600.52122
700	BFV20.700.51112	BFV20.700.52112
800	BFV20.800.51112	BFV20.800.52112
900	BFV20.900.51112	BFV20.900.52112
1000	BFV20.1000.51112	BFV20.1000.52112
1200	BFV20.1200.51112	BFV20.1200.52112

TECFLW

UP TO DN150 WITH ALUMINUM LEVER - FROM DN200 WITH GEAR-BOX.

OTHER DIAMETERS, EPDM SEAT & PAINT WRAS CERTIFIES ON REQUEST

BUTTERFLY VALVE FLANGED TYPE WITH PTFE SEAT. FLANGED PN-10/16**BODY:** WCB**DISC:** CF8M**SEAT:** PTFE**BODY:** WCB**DISC:** CF8M+PTFE**SEAT:** PTFE**BODY:** S.STEEL CF8M**DISC:** CF8M+PTFE**SEAT:** PTFE

DN	DISC CF8M	DISC CF8M+PTFE	DISC CF8M+PTFE
50	BFV20.050.32421	BFV20.050.34421	BFV20.050.14421
65	BFV20.065.32421	BFV20.065.34421	BFV20.065.14421
80	BFV20.080.32421	BFV20.080.34421	BFV20.080.14421
100	BFV20.100.32421	BFV20.100.34421	BFV20.100.14421
125	BFV20.125.32421	BFV20.125.34421	BFV20.125.14421
150	BFV20.150.32421	BFV20.150.34421	BFV20.150.14421
200	BFV20.200.32422	BFV20.200.34422	BFV20.200.14422
250	BFV20.250.32422	BFV20.250.34422	BFV20.250.14422
300	BFV20.300.32422	BFV20.300.34422	BFV20.300.14422
350	BFV20.350.32422	BFV20.350.34422	BFV20.350.14422
400	BFV20.400.32422	BFV20.400.34422	BFV20.400.14422
450	BFV20.450.32422	BFV20.450.34422	BFV20.450.14422
500	BFV20.500.32422	BFV20.500.34422	BFV20.500.14422
600	BFV20.600.32422	BFV20.600.34422	BFV20.600.14422

UP TO DN150 WITH ALUMINUM LEVER - FROM DN200 WITH GEAR-BOX. S.STEEL LEVER ON REQUEST

PFA SEAT OR DISC COVERED WITH PFA ON REQUEST

BUTTERFLY VALVE DOUBLE EXCENTRIC TYPE PN-10/PN-16/PN-25/PN40 GEAR OPERATOR

BODY: DUCTILE IRON GJS500

DISC: D.IRON GJS500 + EPOXY (Stainless steel Disc under request)

STEM: S.STEEL 420

SEAT: S.STEEL / EPDM

COATING: EPOXY 250µm.

FACE TO FACE: EN 558-1 SERIES 14

TECFLW



DN	PN-10	PN-16
100	DEBFV.100.51112	DEBFV.100.51122
150	DEBFV.150.51112	DEBFV.150.51122
200	DEBFV.200.51112	DEBFV.200.51122
250	DEBFV.250.51112	DEBFV.250.51122
300	DEBFV.300.51112	DEBFV.300.51122
350	DEBFV.350.51112	DEBFV.350.51122
400	DEBFV.400.51112	DEBFV.400.51122
450	DEBFV.450.51112	DEBFV.450.51122
500	DEBFV.500.51112	DEBFV.500.51122
600	DEBFV.600.51112	DEBFV.600.51122
700	DEBFV.700.51112	DEBFV.700.51122
800	DEBFV.800.51112	DEBFV.800.51122
900	DEBFV.900.51112	DEBFV.900.51122
1000	DEBFV.1000.51112	DEBFV.1000.51122
1200	DEBFV.1200.51112	DEBFV.1200.51122
1400	DEBFV.1400.51112	DEBFV.1400.51122
1600	DEBFV.1600.51112	DEBFV.1600.51122
1800	DEBFV.1800.51112	DEBFV.1800.51122
2000	DEBFV.2000.51112	DEBFV.2000.51122

DN	PN-25	PN-40
100	DEBFV.100.51132	DEBFV.100.51142
150	DEBFV.150.51132	DEBFV.150.51142
200	DEBFV.200.51132	DEBFV.200.51142
250	DEBFV.250.51132	DEBFV.250.51142
300	DEBFV.300.51132	DEBFV.300.51142
350	DEBFV.350.51132	DEBFV.350.51142
400	DEBFV.400.51132	DEBFV.400.51142
450	DEBFV.450.51132	DEBFV.450.51142
500	DEBFV.500.51132	DEBFV.500.51142
600	DEBFV.600.51132	DEBFV.600.51142
700	DEBFV.700.51132	DEBFV.700.51142
800	DEBFV.800.51132	DEBFV.800.51142
900	DEBFV.900.51132	DEBFV.900.51142
1000	DEBFV.1000.51132	DEBFV.1000.51142
1200	DEBFV.1200.51132	DEBFV.1200.51142

PN-10



PN-16



PN-25



PN-40



OTHER DIAMETERS, FLANGES NORMS, FACE TO FACE OR SEATS UNDER REQUEST

BUTTERFLY VALVE DOUBLE EXCENTRIC WAFER TYPE PN-16/PN-25

BODY: A-216WCB / CF8M

DISC: S.STEEL 316

SEAT: PTFE + GRAPHITE

DN	C.STEEL BODY	S.STEEL BODY
50	DEBFV.050.32441W	DEBFV.050.12441W
65	DEBFV.065.32441W	DEBFV.065.12441W
80	DEBFV.080.32441W	DEBFV.080.12441W
100	DEBFV.100.32441W	DEBFV.100.12441W
125	DEBFV.125.32441W	DEBFV.125.12441W
150	DEBFV.150.32441W	DEBFV.150.12441W
200	DEBFV.200.32442W	DEBFV.200.12442W
250	DEBFV.250.32442W	DEBFV.250.12442W
300	DEBFV.300.32442W	DEBFV.300.12442W
350	DEBFV.350.32442W	DEBFV.350.12442W
400	DEBFV.400.32442W	DEBFV.400.12442W

DN50 TO DN150 WITH LEVER. FROM DN200 WITH GEAR-BOX

(*) DN50 TO DN300 WAFFER FOR FLANGES PN16 & PN25



BUTTERFLY VALVE DOUBLE EXCENTRIC WAFER TYPE ANSI 150#

BODY: A-216WCB / CF8M

DISC: S.STEEL 316

SEAT: PTFE + GRAPHITE

DN	C.STEEL BODY	S.STEEL BODY
50	DEBFV.050.32461W	DEBFV.050.12461W
65	DEBFV.065.32461W	DEBFV.065.12461W
80	DEBFV.080.32461W	DEBFV.080.12461W
100	DEBFV.100.32461W	DEBFV.100.12461W
125	DEBFV.125.32461W	DEBFV.125.12461W
150	DEBFV.150.32461W	DEBFV.150.12461W
200	DEBFV.200.32462W	DEBFV.200.12462W
250	DEBFV.250.32462W	
300	DEBFV.300.32462W	
350	DEBFV.350.32462W	

DN50 TO DN150 WITH LEVER. FROM DN200 WITH GEAR-BOX



BUTTERFLY VALVE DOUBLE EXCENTRIC LUG TYPE PN-16 / ANSI 150#

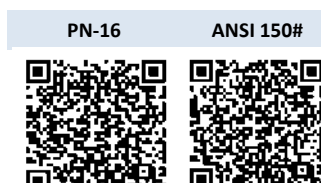
BODY: A-216WCB

DISC: S.STEEL 316

SEAT: PTFE + GRAPHITE

DN	PN-16	ANSI 150#
50	DEBFV.050.32421L	DEBFV.050.32461L
65	DEBFV.065.32421L	DEBFV.065.32461L
80	DEBFV.080.32421L	DEBFV.080.32461L
100	DEBFV.100.32421L	DEBFV.100.32461L
125	DEBFV.125.32421L	DEBFV.125.32461L
150	DEBFV.150.32421L	DEBFV.150.32461L
200	DEBFV.200.32422L	DEBFV.200.32462L
250	DEBFV.250.32422L	DEBFV.250.32462L
300	DEBFV.300.32422L	DEBFV.300.32462L

DN50 TO DN150 WITH LEVER. FROM DN200 WITH GEAR-BOX



BUTTERFLY VALVES

BUTTERFLY VALVE WAFER TYPE PN-10 / 16 WITH GEAR OPERATOR FM/UL

BODY: DUCTILE IRON GJS400

DISC: DUCTILE IRON GJS400

STEM: SS 13Cr17Ni2

SEAT: EPDM

COATING: EPOXY 250 µm RAL 3000

FACE TO FACE: EN 558-1 SERIES 20

DN	GEAR
50	BFV.050.51122WUL
65	BFV.065.51122WUL
80	BFV.080.51122WUL
100	BFV.100.51122WUL
125	BFV.125.51122WUL
150	BFV.150.51122WUL
200	BFV.200.51122WUL
250	BFV.250.51122WUL
300	BFV.300.51122WUL



Two Limit switches included in Gear-box.

TF-BFV-W-UL

GROOVED BUTTERFLY VALVE PN-16 WITH GEAR OPERATOR FM/UL

BODY: DUCTILE IRON GJS400

DISC: DUCTILE IRON GJS400 + EPDM

STEM: SS 13Cr17Ni2

COATING: EPOXY 250 µm RAL 3000

DN	GEAR
50	BFV.050.51122GUL
65	BFV.065.51122GUL
80	BFV.080.51122GUL
100	BFV.100.51122GUL
125	BFV.125.51122GUL
150	BFV.150.51122GUL
200	BFV.200.51122GUL
250	BFV.250.51122GUL
300	BFV.300.51122GUL



Two Limit switches included in Gear-box.

TF-BFV-G-UL

BRONZE BUTTERFLY VALVE NP-20 WITH GEAR-BOX FM/UL

BODY BRONZE

SEAT VITON

DISC: S.STEEL 304



Two Limit switches included in Gear-box.

DN	SCREWED NPT	GROOVED
1"	BFV.025.62332TUL	
1-1/4"	BFV.032.62332TUL	BFV.032.62332GUL
1-1/2"	BFV.040.62332TUL	BFV.040.62332GUL
2"	BFV.050.62332TUL	
2-1/2"	BFV.065.62332TUL	



TF-BFV-T-UL

TF-BFV-G-UL

RESILIENT SEAT GATE VALVES PN16 FLANGED ENDS DIN PN-10/16**BODY:** DUCTILE IRON GJS500**GATE:** DUCTILE IRON GJS500 + EPDM / NBR**STEM:** S.STEEL 420**COATING:** EPOXY 250µm.**FACE TO FACE:** EN 558-1 SERIES 14**TECFLW**

DN	PN-10/16	GEAR-BOX	NBR (PN16)
40	RSGV.040.5211	N/A	RSGV.040.5221
50	RSGV.050.5211	N/A	RSGV.050.5221
65	RSGV.065.5211	N/A	RSGV.065.5221
80	RSGV.080.5211	N/A	RSGV.080.5221
100	RSGV.100.5211	N/A	RSGV.100.5221
125	RSGV.125.5211	N/A	RSGV.125.5221
150	RSGV.150.5211	N/A	RSGV.150.5221
200	RSGV.200.5211	N/A	RSGV.200.5221
250	RSGV.250.5211	N/A	RSGV.250.5221
300	RSGV.300.5211	RSGV.300.5212	RSGV.300.5221
350	RSGV.350.5211	RSGV.350.5212	
400	RSGV.400.5211	RSGV.400.5212	
450	RSGV.450.5211	RSGV.450.5212	
500	RSGV.500.5211	RSGV.500.5212	
600	RSGV.600.5211	RSGV.600.5212	
700	RSGV.700.5211	RSGV.700.5212	
800	RSGV.800.5211	RSGV.800.5212	
900	N/A	RSGV.900.5212	
1000	N/A	RSGV.1000.5212	
1200	N/A	RSGV.1200.5212	

SUPPLY WITH HAND-WHEEL**RESILIENT SEAT GATE VALVES FLANGED ENDS DIN PN-10/16 - PN-25**

DN	PN-25 (EPDM)	RISING STEM PN16
40		RSGV.040.5211HA
50	RSGV.050.5442	RSGV.050.5211HA
65	RSGV.065.5442	RSGV.065.5211HA
80	RSGV.080.5442	RSGV.080.5211HA
100	RSGV.100.5442	RSGV.100.5211HA
125	RSGV.125.5442	RSGV.125.5211HA
150	RSGV.150.5442	RSGV.150.5211HA
200	RSGV.200.5442	RSGV.200.5211HA
250	RSGV.250.5442	RSGV.250.5211HA
300	RSGV.300.5442	RSGV.300.5211HA
350	RSGV.350.5442	RSGV.350.5211HA
400	RSGV.400.5442	RSGV.400.5211HA
450		RSGV.450.5211HA
500		RSGV.500.5211HA

OTHER DIAMETERS, EPDM SEAT & PAINT WRAS CERTIFIES ON REQUEST

RESILIENT SEAT GATE VALVES - PN-16 ENDS FOR PVC PIPE CONECTION

BODY: DUCTILE IRON GJS500**GATE:** DUCTILE IRON GJS500 + EPDM**STEM:** S.STEEL 420**STEM NUT:** BRASS**COATING:** EPOXY 250µm.

DN	PN16
63	RSGV.063.5211PVC
75	RSGV.075.5211PVC
90	RSGV.090.5211PVC
110	RSGV.110.5211PVC
125	RSGV.125.5211PVC
140	RSGV.140.5211PVC
160	RSGV.160.5211PVC
200	RSGV.200.5211PVC
225	RSGV.225.5211PVC
250	RSGV.250.5211PVC
315	RSGV.315.5211PVC



RESILIENT SEAT GATE VALVES FLANGED ENDS DIN PN-10/16 - LONG PATTERN

BODY: DUCTILE IRON GJS500**GATE:** DUCTILE IRON GJS500 + EPDM / NBR**STEM:** S.STEEL 420**STEM NUT:** BRASS**COATING:** EPOXY 250µm.**FACE TO FACE:** EN 558-1 SERIES 15

DN	PN10	PN16
40	RSGV.040.5211F5	RSGV.040.5211F5
50	RSGV.050.5211F5	RSGV.050.5211F5
65	RSGV.065.5211F5	RSGV.065.5211F5
80	RSGV.080.5211F5	RSGV.080.5211F5
100	RSGV.100.5211F5	RSGV.100.5211F5
125	RSGV.125.5211F5	RSGV.125.5211F5
150	RSGV.150.5211F5	RSGV.150.5211F5
200	RSGV.200.5211F5	RSGV.200.5213F5
250	RSGV.250.5211F5	RSGV.250.5213F5
300	RSGV.300.5211F5	RSGV.300.5213F5
350	RSGV.350.5211F5	RSGV.350.5213F5
400	RSGV.400.5211F5	RSGV.400.5213F5



RESILIENT SEAT GATE VALVES - PN-16 SCREWED ENDS

**BODY:** DUCTILE IRON GJS500**GATE:** DUCTILE IRON GJS500 + EPDM / NBR**STEM:** S.STEEL 420**STEM NUT:** BRASS**COATING:** EPOXY 250µm.

DN	PN16
3/4"	RSGV.020.5211T
1"	RSGV.025.5211T
1 1/4"	RSGV.032.5211T
1 1/2"	RSGV.040.5211T
2"	RSGV.050.5211T

PN16
RSGV.020.5211T
RSGV.025.5211T
RSGV.032.5211T
RSGV.040.5211T
RSGV.050.5211T



WITH TOP CAP

RISING STEM RESILIENT SEAT GATE VALVES PN16 FM/UL



BODY: DUCTILE IRON GJS450-10
GATE: DUCTILE IRON GJS450-10 + EPDM
SHAFT: SS 304
ENDS: FLANGED DIN PN-16 / GROOVED
COATING: EPOXY 250µm RAL 3000



DN	FLANGED PN16
50	RSGV.050.5211HAUL
65	RSGV.065.5211HAUL
80	RSGV.080.5211HAUL
100	RSGV.100.5211HAUL
125	RSGV.125.5211HAUL
150	RSGV.150.5211HAUL
200	RSGV.200.5211HAUL
250	RSGV.250.5211HAUL
300	RSGV.300.5211HAUL
350	RSGV.350.5211HAUL
400	RSGV.400.5211HAUL

DN	GROOVED
60	RSGV.063.5211HAGUL
76 (73)	RSGV.075.5211HAGUL
89	RSGV.090.5211HAGUL
114	RSGV.110.5211HAGUL
140 (141)	RSGV.140.5211HAGUL
165	RSGV.160.5211HAGUL
168	RSGV.170.5211HAGUL
219	RSGV.215.5211HAGUL
273	RSGV.250.5211HAGUL
324	RSGV.300.5211HAGUL



1 or 2 SWITCHES

NON-RISING STEM RESILIENT SEAT GATE VALVES PN16 FM/UL



BODY: DUCTILE IRON GJS450-10
GATE: DUCTILE IRON GJS450-10 + EPDM
SHAFT: SS 304
ENDS: FLANGED DIN PN-16 / GROOVED
COATING: EPOXY 250µm RAL 3000



DN	FLANGED PN16
50	RSGV.050.5211NRSUL
65	RSGV.065.5211NRSUL
80	RSGV.080.5211NRSUL
100	RSGV.100.5211NRSUL
125	RSGV.125.5211NRSUL
150	RSGV.150.5211NRSUL
200	RSGV.200.5211NRSUL
250	RSGV.250.5211NRSUL
300	RSGV.300.5211NRSUL

DN	FOR IND. POST
50	
65	
80	RSGV.080.5211NRS-PUL
100	RSGV.100.5211NRS-PUL
125	
150	RSGV.150.5211NRS-PUL
200	RSGV.200.5211NRS-PUL
250	RSGV.250.5211NRS-PUL
300	RSGV.300.5211NRS-PUL



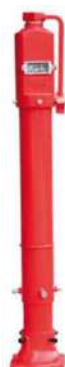
1 SWITCH CE

BRONZE GATE VALVE FM/UL PN12 - SCREWED NPT

BODY: BRONZE
DISC: BRONZE
STEM: BRASS



DN	SCREWED NPT
3/4"	GV.020.62332TUL
1"	GV.025.62332TUL
1-1/4"	GV.032.62332TUL
1-1/2"	GV.040.62332TUL
2"	GV.050.62332TUL



INDICATOR POST FOR GATE VALVE FM/UL

VERTICAL
 LENGHT = 1470 mm

CODE
 IPV-UL



HORIZONTAL
 LENGHT = 588 mm

CODE
 IPH-UL

NON-RISING STEM GATE VALVE METAL TO METAL SEAT**BODY:** CAST IRON GJL250**SEAT:** BRASS**STEM:** S.STEEL 420**FLANGED:** DIN PN-10**COATING:** GREY RAL 7011, 90µm

DN	CODE
40	MGV.040.4211
50	MGV.050.4211
65	MGV.065.4211
80	MGV.080.4211
100	MGV.100.4211
125	MGV.125.4211
150	MGV.150.4211
200	MGV.200.4211
250	MGV.250.4211
300	MGV.300.4211

**FACE TO FACE: EN 558-1 SERIES 14****RISING STEM GATE VALVE METAL TO METAL SEAT PN-16****BODY:** DUCTILE IRON GJS500**SEAT:** BRASS / S.STEEL**STEM:** S.STEEL 420**FLANGED:** DIN PN-16**COATING:** GREY RAL 7011, 90µm

DN	BRASS SEAT	S.STEEL SEAT
40	MGV.040.5211HA	MGV.040.5221HA
50	MGV.050.5211HA	MGV.050.5221HA
65	MGV.065.5211HA	MGV.065.5221HA
80	MGV.080.5211HA	MGV.080.5221HA
100	MGV.100.5211HA	MGV.100.5221HA
125	MGV.125.5211HA	MGV.125.5221HA
150	MGV.150.5211HA	MGV.150.5221HA
200	MGV.200.5211HA	MGV.200.5221HA
250	MGV.250.5211HA	MGV.250.5221HA
300	MGV.300.5211HA	MGV.300.5221HA

**FACE TO FACE: EN 558-1 SERIES 14****BRASS SEAT****S.STEEL SEAT****RISING STEM GATE VALVE MADE IN C.STEEL PN-16****BODY:** C.STEEL A-216 WCB**SEAT:** S.STEEL F6 XU Trim.8 STELLITED SEAT**STEM:** S.STEEL 420**FLANGED:** DIN PN-16**PN-25/40/64/100 Under Request**

DN	CODE
50	MGVCS.050.3211HA
65	MGVCS.065.3211HA
80	MGVCS.080.3211HA
100	MGVCS.100.3211HA
125	MGVCS.125.3211HA
150	MGVCS.150.3211HA
200	MGVCS.200.3211HA
250	MGVCS.250.3211HA
300	MGVCS.300.3211HA

**FACE TO FACE: EN 558-1 SERIES 15**

STAINLESS STEEL GATE VALVES METAL TO METAL SEAT

BODY: S.STEEL CF8M

FLANGED: DIN PN-16

GATE: S.STEEL CF8M

PACKING: GRAPHITE

STEM: S.STEEL 316

DN	CODE
50	MGVSS.050.1212
65	MGVSS.065.1212
80	MGVSS.080.1212
100	MGVSS.100.1212
125	MGVSS.125.1212
150	MGVSS.150.1212
200	MGVSS.200.1212
250	MGVSS.250.1212
300	MGVSS.300.1212



OTHER DIAMETERS ON REQUEST

NON RISING STEM GATE VALVE BRONZE METAL TO METAL SEAT FLANGED PN-16

BODY: CAST IRON GJL250

PACKING: GRAPHITE

SEAT BRONZE RG5

COATING: GREEN RAL 6020, 120 µm

STEM BRASS ASTM B16

DN	CODE
40	NRSGV.040.4233
50	NRSGV.050.4233
65	NRSGV.065.4233
80	NRSGV.080.4233
100	NRSGV.100.4233
125	NRSGV.125.4233
150	NRSGV.150.4233
200	NRSGV.200.4233
250	NRSGV.250.4233
300	NRSGV.300.4233



FACE TO FACE: EN 558-1 SERIES 14

RISING STEM GATE VALVE MADE IN C.STEEL ANSI 150#/300#

BODY: C.STEEL A-216 WCB

STEM: S.STEEL 420

SEAT: S.STEEL F6 XU Trim.8 STELLITED SEAT

FLANGED: ANSI-150#/300# RF

BORE	150#	300#
2"	MGVCS.050.3215	MGVCS.050.3216
2.1/2"	MGVCS.065.3215	
3"	MGVCS.080.3215	MGVCS.080.3216
4"	MGVCS.100.3215	MGVCS.100.3216
5"	MGVCS.125.3215	
6"	MGVCS.150.3215	MGVCS.150.3216
8"	MGVCS.200.3215	MGVCS.200.3216
10"	MGVCS.250.3215	MGVCS.250.3216
12"	MGVCS.300.3215	MGVCS.300.3216
14"	MGVCS.350.3215	MGVCS.350.3216
16"	MGVCS.400.3215	MGVCS.400.3216
18"	MGVCS.450.3215	MGVCS.450.3216
20"	MGVCS.500.3215	MGVCS.500.3216
24"	MGVCS.600.3215	MGVCS.450.3216



ATEX Group II Category 2

G/2D Zone 1 & 21 Zone 2 & 22

150#

300#



STAINLESS STEEL GATE VALVES METAL TO METAL SEAT SCREWED BSP

BODY: S.STEEL CF8M

GATE S.STEEL CF8M

STEM: S.STEEL 316

SCREWED: BSP

PACKING: PTFE

DN	CODE
1/2"	GVSS.015.171G
3/4"	GVSS.020.171G
1"	GVSS.025.171G
1 1/4"	GVSS.032.171G
1 1/2"	GVSS.040.171G
2"	GVSS.050.171G



OS&Y GATE VALVE FORGED STEEL 800#. BSP - NPT - SW

BODY: A-105

SEAT: F6+XU Trim.8

BONNET: BOLTED

PACKING: GRAPHITE

BORE: STANDARD



DN	CODE BSP	CODE SW	CODE NPT
3/8"	MGV.010.800.T	MGV.010.800.S	MGV.010.800.N
1/2"	MGV.015.800.T	MGV.015.800.S	MGV.015.800.N
3/4"	MGV.020.800.T	MGV.020.800.S	MGV.020.800.N
1"	MGV.025.800.T	MGV.025.800.S	MGV.025.800.N
1 1/4"	MGV.032.800.T	MGV.032.800.S	MGV.032.800.N
1 1/2"	MGV.040.800.T	MGV.040.800.S	MGV.040.800.N
2"	MGV.050.800.T	MGV.050.800.S	MGV.050.800.N

OS&Y GATE VALVE STAINLESS STEEL 800#. BSP - NPT - SW

BODY: S.STEEL A-182 F-316

SEAT: F316 Trim.10

BONNET: BOLTED

PACKING: GRAPHITE

BORE: STANDARD



DN	CODE NPT	CODE SW
3/8"	MGV.010.800SS.N	MGV.010.800SS.S
1/2"	MGV.015.800SS.N	MGV.015.800SS.S
3/4"	MGV.020.800SS.N	MGV.020.800SS.S
1"	MGV.025.800SS.N	MGV.025.800SS.S
1 1/2"	MGV.040.800SS.N	MGV.040.800SS.S
2"	MGV.050.800SS.N	MGV.050.800SS.S



KNIFE VALVE WAFER TYPE FOR FLANGES DIN PN-10

BODY: CAST IRON GJL250

BLADE S.STEEL 304

SEAT: METAL/METAL or NBR Standard / EPDM

SHAFT: S.STEEL 13%Cr

PACKING: PTFE

OPERATION: HAND-WHEEL

METAL SEAT



SOFT SEAT



DN	METAL	NBR SEAT	EPDM SEAT
50	KGVCIW.050.4111	KGVCIW.050.4121	KGVCIW.050.4131
65	KGVCIW.065.4111	KGVCIW.065.4121	KGVCIW.065.4131
80	KGVCIW.080.4111	KGVCIW.080.4121	KGVCIW.080.4131
100	KGVCIW.100.4111	KGVCIW.100.4121	KGVCIW.100.4131
125	KGVCIW.125.4111	KGVCIW.125.4121	KGVCIW.125.4131
150	KGVCIW.150.4111	KGVCIW.150.4121	KGVCIW.150.4131
200	KGVCIW.200.4111	KGVCIW.200.4121	KGVCIW.200.4131
250	KGVCIW.250.4111	KGVCIW.250.4121	KGVCIW.250.4131
300	KGVCIW.300.4111	KGVCIW.300.4121	KGVCIW.300.4131
350		KGVCIW.350.4121	KGVCIW.350.4131
400		KGVCIW.400.4121	KGVCIW.400.4131
450		KGVCIW.450.4121	KGVCIW.450.4131
500		KGVCIW.500.4121	KGVCIW.500.4131
600		KGVCIW.600.4121	KGVCIW.600.4131
700		KGVCIW.700.4121	
800		KGVCIW.800.4121	

SUPPLY WITH HAND-WHEEL , OTHER DIAMETERS, ANSI STANDARD, ON REQUEST.



KNIFE VALVE WAFER TYPE FOR FLANGES DIN PN-10

BODY: CAST IRON GJL250

BLADE S.STEEL 304

SEAT: NBR

SHAFT: S.STEEL 13%Cr

PACKING: PTFE

OPERATION: HAND-WHEEL



DN	LIMIT SWITCH	BIDIRECTIONAL	LEVER
50		KGVCIW.050.4121B	
65		KGVCIW.065.4121B	
80		KGVCIW.080.4121B	KGVCIW.080.4121L
100	KGVCIW.100.4121LS	KGVCIW.100.4121B	KGVCIW.100.4121L
125	KGVCIW.125.4121LS	KGVCIW.125.4121B	KGVCIW.125.4121L
150	KGVCIW.150.4121LS	KGVCIW.150.4121B	KGVCIW.150.4121L
200	KGVCIW.200.4121LS	KGVCIW.200.4121B	
250	KGVCIW.250.4121LS	KGVCIW.250.4121B	
300	KGVCIW.300.4121LS	KGVCIW.300.4121B	
350	KGVCIW.350.4121LS	KGVCIW.350.4121B	
400	KGVCIW.400.4121LS	KGVCIW.400.4121B	
450	KGVCIW.450.4121LS	KGVCIW.450.4121B	
500	KGVCIW.500.4121LS	KGVCIW.500.4121B	
600	KGVCIW.600.4121LS		
700	KGVCIW.700.4121LS		
800	KGVCIW.800.4121LS		

SUPPLY WITH HAND-WHEEL , OTHER DIAMETERS, ANSI STANDARD, ON REQUEST.

KNIFE VALVE THROUGH CONDUIT FOR FLANGES DIN PN-10 BIDIRECTIONAL

BODY: CAST IRON GJL250

BLADE S.STEEL 304

SEAT: EPDM

PACKING: PTFE

OPERATION: HAND-WHEEL

DN	CODE EPDM
50	KGVCIW.050.4131TC
65	KGVCIW.065.4131TC
80	KGVCIW.080.4131TC
100	KGVCIW.100.4131TC
125	KGVCIW.125.4131TC
150	KGVCIW.150.4131TC
200	KGVCIW.200.4131TC
250	KGVCIW.250.4131TC
300	KGVCIW.300.4131TC
350	KGVCIW.350.4131TC
400	KGVCIW.400.4131TC
450	KGVCIW.450.4131TC
500	KGVCIW.500.4131TC
600	KGVCIW.600.4131TC



KNIFE VALVE WAFER TYPE FOR FLANGES DIN PN-10 UNIDIRECTIONAL WITH ISO M.PAD

BODY: CAST IRON GJL250

BLADE S.STEEL 304

SEAT: EPDM/NBR/METAL

PACKING: PTFE

CODE (*)
KGVCIW.050.ISO
KGVCIW.065.ISO
KGVCIW.080.ISO
KGVCIW.100.ISO
KGVCIW.125.ISO
KGVCIW.150.ISO
KGVCIW.200.ISO
KGVCIW.250.ISO
KGVCIW.300.ISO
KGVCIW.350.ISO
KGVCIW.400.ISO



(*) METAL SEAT UP TO DN300.

KNIFE VALVE S.STEEL WAFER TYPE FOR FLANGES DIN PN-10

BODY: S.STEEL CF8M

BLADE S.STEEL 316

SEAT: METAL/METAL or EPDM

STEM: S.STEEL 13%Cr

OPERATION: HAND-WHEEL

PACKING: PTFE

NBR SEAT ON REQUEST



DN	METAL SEAT	EPDM SEAT	LEVER
50	KGVCIW.050.1111	KGVCIW.050.1311	KGVCIW.050.1311L
65	KGVCIW.065.1111	KGVCIW.065.1311	KGVCIW.065.1311L
80	KGVCIW.080.1111	KGVCIW.080.1311	KGVCIW.080.1311L
100	KGVCIW.100.1111	KGVCIW.100.1311	KGVCIW.100.1311L
125	KGVCIW.125.1111	KGVCIW.125.1311	KGVCIW.125.1311L
150	KGVCIW.150.1111	KGVCIW.150.1311	KGVCIW.150.1311L
200	KGVCIW.200.1111	KGVCIW.200.1311	KGVCIW.200.1311L
250	KGVCIW.250.1111	KGVCIW.250.1311	KGVCIW.250.1311L
300	KGVCIW.300.1111	KGVCIW.300.1311	KGVCIW.300.1311L
350	KGVCIW.350.1111	KGVCIW.350.1311	
400	KGVCIW.400.1111	KGVCIW.400.1311	

SUPPLY WITH HAND-WHEEL , OTHER DIAMETERS, ON REQUEST.

DUAL PLATE CHECK VALVE WAFER TYPE PN-16

BODY: CAST IRON GJL250 / S.STEEL CF-8M.

DISCS: S.STEEL 316 / ALUMINUM-BRONZE.

SEAT: NBR / EPDM / FKM (Full S.Steel type).

SHAFT & SPRINGS: S.STEEL 304 / 316

TECFLW



DN	SS 316 DISCS	ALU-BRONZE DISCS	FULL S.STEEL	UL-FM
40	DPCV.040.4700			
50	DPCV.050.4700	DPCV.050.4601	DPCV.050.1700	DPCV.050.5700UL
65	DPCV.065.4700	DPCV.065.4601	DPCV.065.1700	DPCV.065.5700UL
80	DPCV.080.4700	DPCV.080.4601	DPCV.080.1700	DPCV.080.5700UL
100	DPCV.100.4700	DPCV.100.4601	DPCV.100.1700	DPCV.100.5700UL
125	DPCV.125.4700	DPCV.125.4601	DPCV.125.1700	DPCV.125.5700UL
150	DPCV.150.4700	DPCV.150.4601	DPCV.150.1700	DPCV.150.5700UL
200	DPCV.200.4700	DPCV.200.4601	DPCV.200.1700	DPCV.200.5700UL
250	DPCV.250.4700	DPCV.250.4601	DPCV.250.1700	DPCV.250.5700UL
300	DPCV.300.4700	DPCV.300.4601	DPCV.300.1700	DPCV.300.5700UL
350	DPCV.350.5700	DPCV.350.4601	DPCV.350.1700	
400	DPCV.400.5700		DPCV.400.1700	
450	DPCV.450.5700		DPCV.450.1700	
500	DPCV.500.5700		DPCV.500.1700	
600	DPCV.600.5700		DPCV.600.1700	

BALL CHECK VALVES PN-10 FLANGED DIN PN-10/16 & SCREWED BSP

BODY: DUCTILE IRON GJS500 (DN50-DN400)

BALL: DN50-DN100 (ALUMINUM+NBR)

DN125-DN400 (GJS400 + NBR)

GASKET: NBR

BOLTS: S.STEEL 304

COATING: EPOXY 250µm.



TECFLW



DN	FLANGED
40	BCV.040.4101
50	BCV.050.4101
65	BCV.065.4101
80	BCV.080.4101
100	BCV.100.4101
125	BCV.125.4101
150	BCV.150.4101
200 (*)	BCV.200.4101
250 (*)	BCV.250.4101
300 (*)	BCV.300.4101
350 (*)	BCV.350.4101
400 (*)	BCV.400.4101
500 (*)	BCV.500.4101

DN	BSP THREAD
1 1/4"	BCV.032.410G
1 1/2"	BCV.040.410G
2"	BCV.050.410G
2 1/2"	BCV.065.410G
3"	BCV.080.410G

(*) FLANGED DIN PN-10. / FLANGED DIN PN-16 ON REQUEST.

FLANGES DRILLED TO ANSI 150 ON REQUEST.

CHECK VALVES

DISC CHECK VALVE WAFER TYPE PN40/150#/300# - 3 PIECES BSP-NPT-SW-BW - 2 PIECES BSP

TF-DCV-W

TF-3PDCV



BODY: S.STEEL CF8M
DISC: S.STEEL 316



PN63



SEAT: METAL / METAL
SPRING: S.STEEL 316



PN63



SEAT: METAL / PTFE
SPRING: S.STEEL 316

DN	CODE	CODE	CODE
15	DCVW.015.111	3PDCV.015.171	2PDCV.015.171
20	DCVW.020.111	3PDCV.020.171	2PDCV.020.171
25	DCVW.025.111	3PDCV.025.171	2PDCV.025.171
32	DCVW.032.111	3PDCV.032.171	2PDCV.032.171
40	DCVW.040.111	3PDCV.040.171	2PDCV.040.171
50	DCVW.050.111	3PDCV.050.171	2PDCV.050.171
65	DCVW.065.111	3PDCV.065.171	2PDCV.065.171
80	DCVW.080.111	3PDCV.080.171	2PDCV.080.171
100	DCVW.100.111	3PDCV.100.171	2PDCV.100.171

DIAMETERS 125/150/200 ON REQUEST.

AVAILABLE WITH BW ENDS FOR ISO PIPE

CHECK VALVE WAFER TYPE PN-10 / PN-16

TF-WSCV-CS

TF-WSCV-SS



BODY: CARBON STEEL CROMIUM PLATED / S.STEEL CF8M
GATE: CARBON STEEL CROMIUM PLATED / S.STEEL CF8M
SEAT: NBR-EPDM / FKM (S.Steel type).



DN	STEEL/NBR	C.STEEL/EPDM	S.STEEL/FKM
40	WSCVCS.040.322	WSCVCS.040.312	WSCVSS.040.162
50	WSCVCS.050.322	WSCVCS.050.312	WSCVSS.050.162
65	WSCVCS.065.322	WSCVCS.065.312	WSCVSS.065.162
80	WSCVCS.080.322	WSCVCS.080.312	WSCVSS.080.162
100	WSCVCS.100.322	WSCVCS.100.312	WSCVSS.100.162
125	WSCVCS.125.322	WSCVCS.125.312	WSCVSS.125.162
150	WSCVCS.150.322	WSCVCS.150.312	WSCVSS.150.162
200	WSCVCS.200.322	WSCVCS.200.312	WSCVSS.200.162
250	WSCVCS.250.322	WSCVCS.250.312	WSCVSS.250.162
300	WSCVCS.300.322	WSCVCS.300.312	WSCVSS.300.162
350	WSCVCS.350.322	WSCVCS.350.312	WSCVSS.350.162
400	WSCVCS.400.322	WSCVCS.400.312	WSCVSS.400.162
450	WSCVCS.450.322	WSCVCS.450.312	WSCVSS.450.162
500	WSCVCS.500.322	WSCVCS.500.312	WSCVSS.500.162
600	WSCVCS.600.322	WSCVCS.600.312	WSCVSS.600.162

SWING CHECK VALVE S.STEEL PN16 SCREWED BSP / GROOVED UL/FM

TF-SCVSS-T

TF-SCV-GLU

BODY & GATE: S.STEEL CF8M
SEAT: PTFE

BODY & BONNET: D.IRON GJS500

DN	PN-16
1/4"	SCVSS.006.171G
3/8"	SCVSS.010.171G
1/2"	SCVSS.015.171G
3/4"	SCVSS.020.171G
1"	SCVSS.025.171G
1 1/4"	SCVSS.032.171G
1 1/2"	SCVSS.040.171G
2"	SCVSS.050.171G

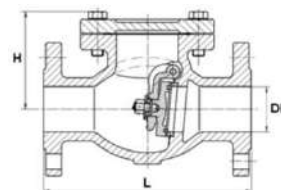


DN	UL/FM 300 PSI
2"	SCV.050.521GUL
2 1/2"	SCV.065.521GUL
3"	SCV.080.521GUL
4"	SCV.100.521GUL
5"	SCV.125.521GUL
6"	SCV.150.521GUL
8"	SCV.200.521GUL
10"	SCV.250.521GUL
12"	SCV.300.521GUL

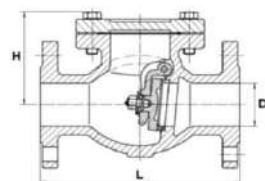


SWING CHECK VALVE PN16 FLANGED PN-16**BODY & COVER:** CAST IRON GJL250**GATE:** CAST IRON GJL250 **SEAT:** BRASS / BRASS**STEM:** S.STEEL 304**COATING:** RAL 7011 90µm.

DN	METAL SEAT
40	SCVM.040.4201
50	SCVM.050.4201
65	SCVM.065.4201
80	SCVM.080.4201
100	SCVM.100.4201
125	SCVM.125.4201
150	SCVM.150.4201
200	SCVM.200.4203

**METAL SEAT: Max. Temperature 120°C****SWING CHECK VALVE PN16 FLANGED PN-16****BODY & COVER:** CAST IRON GJL250**GATE:** CAST IRON GJL250 **SEAT:** BRASS + EPDM JOINT**STEM:** S.STEEL 304**COATING:** RAL 7011 90µm.

DN	EPDM SEAT
40	SCVMG.040.4201
50	SCVMG.050.4201
65	SCVMG.065.4201
80	SCVMG.080.4201
100	SCVMG.100.4201
125	SCVMG.125.4201
150	SCVMG.150.4201
200	SCVMG.200.4203

**EPDM SEAT: Max. Temperature 80°C****SWING CHECK VALVE C.STEEL ANSI 150/300#****BODY:** C.STEEL A-216WCB**SEAT:** S.STEEL F6 XU Trim.8 STELLITED SEAT.**STEM:** S.STEEL 420**FLANGES:** ANSI-150#/300# RF

DN	150#	300#
2"	SCVCS.050.3205	SCVCS.050.3206
3"	SCVCS.080.3205	SCVCS.080.3206
4"	SCVCS.100.3205	SCVCS.100.3206
5"	SCVCS.125.3205	
6"	SCVCS.150.3205	SCVCS.150.3206
8"	SCVCS.200.3205	SCVCS.200.3206
10"	SCVCS.250.3205	SCVCS.250.3206
12"	SCVCS.300.3205	SCVCS.300.3206
14"	SCVCS.350.3205	
16"	SCVCS.400.3205	

**ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22****150#****300#**

SWING CHECK VALVE WITH RESILIENT SEAT PN16 FLANGED DIN PN-10/16

BODY & COVER: DUCTILE IRON GJS500.

GATE: DUCTILE IRON GJS500 + EPDM

COATING: EPOXY 250µm.

TECFLW



RUBBER VULCANIZED FLAP



DN	PN-10	PN-16
50	SCV.050.5201	SCV.050.5201
65	SCV.065.5201	SCV.065.5201
80	SCV.080.5201	SCV.080.5201
100	SCV.100.5201	SCV.100.5201
125	SCV.125.5201	SCV.125.5201
150	SCV.150.5201	SCV.150.5201
200	SCV.200.5201	SCV.200.5203
250	SCV.250.5201	SCV.250.5203
300	SCV.300.5201	SCV.300.5203
350	SCV.350.5201	SCV.350.5203
400	SCV.400.5201	SCV.400.5203
450	SCV.450.5201	SCV.450.5203
500	SCV.500.5201	SCV.500.5203
600	SCV.600.5201	SCV.600.5203

TILTING CHECK VALVE WITH LEVER & COUNTERWEIGHT FLANGED PN-10/16

BODY & COVER: DUCTILE IRON GJS500

DISC: DUCTILE IRON GJS500.

SHAFT: S.STEEL420

SEAT: S.STEEL / EPDM

COATING: EPOXY 250µm.

FACE TO FACE: EN 558-1 SERIES 14

TECFLW



DN	PN-10	PN-16
100	TCV.100.5201CW	TCV.100.5201CW
150	TCV.150.5201CW	TCV.150.5201CW
200	TCV.200.5201CW	TCV.200.5203CW
250	TCV.250.5201CW	TCV.250.5203CW
300	TCV.300.5201CW	TCV.300.5203CW
350	TCV.350.5201CW	TCV.350.5203CW
400	TCV.400.5201CW	TCV.400.5203CW
450	TCV.450.5201CW	TCV.450.5203CW
500	TCV.500.5201CW	TCV.500.5203CW
600	TCV.600.5201CW	TCV.600.5203CW
700	TCV.700.5201CW	TCV.700.5203CW
750	TCV.750.5201CW	TCV.750.5203CW
800	TCV.800.5201CW	TCV.800.5203CW
900	TCV.900.5201CW	TCV.900.5203CW
1000	TCV.1000.5201CW	TCV.1000.5203CW
1100	TCV.1100.5201CW	TCV.1100.5203CW
1200	TCV.1200.5201CW	TCV.1200.5203CW

OTHER DIAMETERS & NOMINAL PRESSURES, HYDRAULIC DAMPER, ON REQUEST

PISTON CHECK VALVE FORGED STEEL 800#. BSP - NPT - SW**BODY:** A-105**SEAT:** F6+XU Trim.8**BONNET:** BOLTED**GASKET:** SS-316+GRAPHITE**BORE:** STANDARD

DN	CODE BSP	CODE SW	CODE NPT
3/8"	PCV.010.800.T	PCV.010.800.S	PCV.010.800.N
1/2"	PCV.015.800.T	PCV.015.800.S	PCV.015.800.N
3/4"	PCV.020.800.T	PCV.020.800.S	PCV.020.800.N
1"	PCV.025.800.T	PCV.025.800.S	PCV.025.800.N
1 1/4"	PCV.032.800.T	PCV.032.800.S	PCV.032.800.N
1 1/2"	PCV.040.800.T	PCV.040.800.S	PCV.040.800.N
2"	PCV.050.800.T	PCV.050.800.S	PCV.050.800.N

BALL CHECK VALVE FORGED STEEL 800#. NPT - SW**BODY:** A-105**SEAT:** F6+XU Trim.8**BALL:** S.STEEL A-410**BONNET:** BOLTED**GASKET:** SS-316+GRAPHITE**BORE:** STANDARD

DN	CODE NPT	CODE SW
3/8"	BCV.010.800.N	BCV.010.800.S
1/2"	BCV.015.800.N	BCV.015.800.S
3/4"	BCV.020.800.N	BCV.020.800.S
1"	BCV.025.800.N	BCV.025.800.S
1 1/4"	BCV.032.800.N	BCV.032.800.S
1 1/2"	BCV.040.800.N	BCV.040.800.S
2"	BCV.050.800.N	BCV.050.800.S

BALL CHECK VALVE FORGED S.STEEL F-316 800#. NPT - SW**BODY:** S.STEEL A-182 F-316**SEAT:** F-316 Trim.10**BALL:** S.STEEL A-182 F-316**BONNET:** BOLTED**GASKET:** SS-316+GRAPHITE**BORE:** STANDARD

DN	CODE NPT	CODE SW
3/8"	BCV.010.SS800.N	BCV.010.SS800.S
1/2"	BCV.015.SS800.N	BCV.015.SS800.S
3/4"	BCV.020.SS800.N	BCV.020.SS800.S
1"	BCV.025.SS800.N	BCV.025.SS800.S
1 1/2"	BCV.040.SS800.N	BCV.040.SS800.S
2"	BCV.050.SS800.N	BCV.050.SS800.S

PISTON TYPE CHECK VALVE FORGED 800# S.STEEL F-316 NPT - SW**BODY:** S.STEEL A-182 F-316L**SEAT:** Trim.12**BONNET:** BOLTED**GASKET:** SS-316+GRAFITO**BORE:** STANDARD

NACE Certificated



DN	CODE NPT	CODE SW
1/2"	PCV.010.SS800.N	PCV.015.SS800.S
3/4"	PCV.015.SS800.N	PCV.020.SS800.S
1"	PCV.020.SS800.N	PCV.025.SS800.S
1 1/4"	PCV.025.SS800.N	PCV.032.SS800.S
1 1/2"	PCV.040.SS800.N	PCV.040.SS800.S
2"	PCV.050.SS800.N	PCV.050.SS800.S

PISTON TYPE CHECK VALVE FORGED STEEL FLANGED RF 150/300 Lbs**BODY:** STEEL A-105**SEAT:** Trim.5**BONNET:** BOLTED**GASKET:** SS-316+GRAFITO**BORE:** STANDARD

NACE Certificated



DN	CODE 150RF	CODE 300RF
1/2"	PCV.015.3205	PCV.015.3206
3/4"	PCV.020.3205	PCV.020.3206
1"	PCV.025.3205	PCV.025.3206
1 1/4"	PCV.032.3205	PCV.032.3206
1 1/2"	PCV.040.3205	PCV.040.3206
2"	PCV.050.3205	PCV.050.3206

PISTON TYPE CHECK VALVE FORGED S.STEEL FLANGED RF 150/300 Lbs**BODY:** S.STEEL A-182 F-316L**SEAT:** Trim.12**BONNET:** BOLTED**GASKET:** SS-316+GRAFITO**BORE:** STANDARD

NACE Certificated



DN	CODE 150RF	CODE 300RF
1/2"	PCV.015.1205	PCV.015.1206
3/4"	PCV.020.1205	PCV.020.1206
1"	PCV.025.1205	PCV.025.1206
1 1/4"	PCV.032.1205	PCV.032.1206
1 1/2"	PCV.040.1205	PCV.040.1206
2"	PCV.050.1205	PCV.050.1206

AXIAL & FOOT VALVE PN16 WITH STRAINER FLANGED DIN PN-16



BODY & GUIDE: CAST IRON GJL250
DISC: S.STEEL 304
GASKET: EPDM
SHAFT: S.STEEL 416
STRAINER: GALVANIZED STEEL Mesh 6 mm.
BIGGER SIZES ON REQUEST.



DN	AXIAL
50	AXCV.050.4201
65	AXCV.065.4201
80	AXCV.080.4201
100	AXCV.100.4201
125	AXCV.125.4201
150	AXCV.150.4201
200	AXCV.200.4203
250	AXCV.250.4203
300	AXCV.300.4203



FOOT
FTV.050.4201
FTV.065.4201
FTV.080.4201
FTV.100.4201
FTV.125.4201
FTV.150.4201
FTV.200.4203
FTV.250.4203
FTV.300.4203



STRAINER FOR FOOT VALVE MADE IN S.STEEL 304 Mesh 6 mm.

DN	50	65	80	100	125	150	200	250	300
COD.	FTVSP.050.11	FTVSP.065.11	FTVSP.080.11	FTVSP.100.11	FTVSP.125.11	FTVSP.150.11	FTVSP.200.11	FTVSP.250.11	FTVSP.300.11

LIFT CHECK VALVE C.STEEL FLANGED DIN PN16 / PN40

BODY & COVER: CAST IRON GJL250 / C.STEEL GS-C25
DISC: S.STEEL 13%Cr / C22.8+13%Cr
SPRING: S.STEEL 304 / S.STEEL F304
GASKET: S.STEEL 304 + GRAPHITE



DN	CAST IRON PN16	C.STEEL PN16	C.STEEL PN40
15	LCV.015.4212	LCV.015.3214	LCV.015.3214
20	LCV.020.4212	LCV.020.3214	LCV.020.3214
25	LCV.025.4212	LCV.025.3214	LCV.025.3214
32	LCV.032.4212	LCV.032.3214	LCV.032.3214
40	LCV.040.4212	LCV.040.3214	LCV.040.3214
50	LCV.050.4212	LCV.050.3214	LCV.050.3214
65	LCV.065.4212	LCV.065.3212	LCV.065.3214
80	LCV.080.4212	LCV.080.3212	LCV.080.3214
100	LCV.100.4212	LCV.100.3212	LCV.100.3214
125	LCV.125.4212	LCV.125.3212	LCV.125.3214
150	LCV.150.4212	LCV.150.3212	LCV.150.3214
200	LCV.200.4212	LCV.200.3212	LCV.200.3214
250		LCV.250.3212	LCV.250.3214
300		LCV.300.3212	LCV.300.3214

STAINLESS STEEL GLOBE VALVES METAL SEAT FLANGED PN16

BODY: S.STEEL CF8M

STEM: S.STEEL 316

PACKING: PTFE



DN	PN-16
15	GLVSS.015.1212
20	GLVSS.020.1212
25	GLVSS.025.1212
32	GLVSS.032.1212
40	GLVSS.040.1212
50	GLVSS.050.1212
65	GLVSS.065.1212
80	GLVSS.080.1212
100	GLVSS.100.1212
125	GLVSS.125.1212
150	GLVSS.150.1212
200	GLVSS.200.1212

OTHER DIAMETERS ON REQUEST

STAINLESS STEEL BELLOW VALVE FLANGED PN16

BODY: S.STEEL CF8M

BELLOWS: S.STEEL 316

STEM: S.STEEL 316



PN-16	PN-40
BGLVSS.015.1412	BGLVSS.015.1412
BGLVSS.020.1412	BGLVSS.020.1412
BGLVSS.025.1412	BGLVSS.025.1412
BGLVSS.032.1412	BGLVSS.032.1412
BGLVSS.040.1412	BGLVSS.040.1412
BGLVSS.050.1412	BGLVSS.050.1412
BGLVSS.065.1212	BGLVSS.065.1412
BGLVSS.080.1212	BGLVSS.080.1412
BGLVSS.100.1212	BGLVSS.100.1412
	BGLVSS.125.1412
	BGLVSS.150.1412
	BGLVSS.200.1412

GLOBE VALVE & STRAIGHT GLOBE VALVE. PN-16. FLANGED DIN PN-16

BODY: CAST IRON GJL25 **STEM:** BRASS ASTM B584

SEAT: BRONZE RG5

PACKING: GRAPHITE

FLANGES: DIN PN-16

COATING: GREEN RAL 6020, 120µm

DN	GLOBE	GLOBE/STRAIGHT
15	GLVST.015.4233	GLSDNR.015.4233
20	GLVST.020.4233	GLSDNR.020.4233
25	GLVST.025.4233	GLSDNR.025.4233
32	GLVST.032.4233	GLSDNR.032.4233
40	GLVST.040.4233	GLSDNR.040.4233
50	GLVST.050.4233	GLSDNR.050.4233
65	GLVST.065.4233	GLSDNR.065.4233
80	GLVST.080.4233	GLSDNR.080.4233
100	GLVST.100.4233	GLSDNR.100.4233
125	GLVST.125.4233	GLSDNR.125.4233
150	GLVST.150.4233	GLSDNR.150.4233
200	GLVST.200.4233	GLSDNR.200.4233
250	GLVST.250.4233	GLSDNR.250.4233
300	GLVST.300.4233	GLSDNR.300.4233



Optional: Drilling Acc. To ANSI or JIS

CARBON STEEL GLOBE VALVE FLANGED ANSI: 150#/300# RF

BODY: C.STEEL A-216WCB

SEAT: S.STEEL F6 XU Trim.8

STEM: S.STEEL 420

DN	150#	300#
2"	GLVCS.050.3215	GLVCS.050.3216
3"	GLVCS.080.3215	GLVCS.080.3216
4"	GLVCS.100.3215	GLVCS.100.3216
6"	GLVCS.150.3215	GLVCS.150.3216
8"	GLVCS.200.3215	GLVCS.200.3216
10"	GLVCS.250.3215	GLVCS.250.3216
12"	GLVCS.300.3215	GLVCS.300.3216

150#



300#





GLOBE VALVE METAL SEAT FLANGED DIN PN-16

BODY CAST IRON GJL250 / CARBON STEEL WCB

SEAT: S.STEEL 13%Cr / C.STEEL A-105 + Stellite 6

PACKING: GRAPHITE

COATING: GREY RAL 7011, 90µm / BLUE RAL 5002

WATER 120°C

STEAM 300°C



DN	HVAC	STEAM
15	GLVCI.015.4201	GLVCIS.015.4201
20	GLVCI.020.4201	GLVCIS.020.4201
25	GLVCI.025.4201	GLVCIS.025.4201
32	GLVCI.032.4201	GLVCIS.032.4201
40	GLVCI.040.4201	GLVCIS.040.4201
50	GLVCI.050.4201	GLVCIS.050.4201
65	GLVCI.065.4201	GLVCIS.065.4201
80	GLVCI.080.4201	GLVCIS.080.4201
100	GLVCI.100.4201	GLVCIS.100.4201
125	GLVCI.125.4201	GLVCIS.125.4201
150	GLVCI.150.4201	GLVCIS.150.4201
200	GLVCI.200.4203	GLVCIS.200.4203



PN-40

GLVCS.015.3204
GLVCS.020.3204
GLVCS.025.3204
GLVCS.032.3204
GLVCS.040.3204
GLVCS.050.3204
GLVCS.065.3204
GLVCS.080.3204
GLVCS.100.3204
GLVCS.125.3204
GLVCS.150.3204
GLVCS.200.3204



BELLOW SEALED VALVE

BODY D.IRON GJS400 / C.STEEL GS-C25

SEAT: S.STEEL 13%Cr

PACKING: GRAPHITE

BELLOW: S.STEEL 304



DN	GJS400 PN16	GS-C25 PN16	GS-C25 PN40
15	BGLVDI.015.5201	BGLVCS.015.3201	BGLVCS.015.3204
20	BGLVDI.020.5201	BGLVCS.020.3201	BGLVCS.020.3204
25	BGLVDI.025.5201	BGLVCS.025.3201	BGLVCS.025.3204
32	BGLVDI.032.5201	BGLVCS.032.3201	BGLVCS.032.3204
40	BGLVDI.040.5201	BGLVCS.040.3201	BGLVCS.040.3204
50	BGLVDI.050.5201	BGLVCS.050.3201	BGLVCS.050.3204
65	BGLVDI.065.5201	BGLVCS.065.3201	BGLVCS.065.3204
80	BGLVDI.080.5201	BGLVCS.080.3201	BGLVCS.080.3204
100	BGLVDI.100.5201	BGLVCS.100.3201	BGLVCS.100.3204
125	BGLVDI.125.5201	BGLVCS.125.3201	BGLVCS.125.3204
150	BGLVDI.150.5201	BGLVCS.150.3201	BGLVCS.150.3204
200	BGLVDI.200.5203	BGLVCS.200.3203	BGLVCS.200.3204
250	BGLVDI.250.5203	BGLVCS.250.3203	BGLVCS.250.3204
300		BGLVCS.300.3203	BGLVCS.300.3204



BELLOW SEALED VALVE MADE IN FORGED STEEL 600# PN-100 BSP-NPT-SW

BODY: FORGED STEEL A-105

BELLOW: S.STEEL 321

SEAT: S.STEEL F6 XU Trim. 8

DN	CODE BSP	CODE SW	CODE NPT
1/2"	BGLV.015.371G	BGLV.015.371S	BGLV.015.371N
3/4"	BGLV.020.371G	BGLV.020.371S	BGLV.020.371N
1"	BGLV.025.371G	BGLV.025.371S	BGLV.025.371N
1 1/4"	BGLV.032.371G	BGLV.032.371S	BGLV.032.371N
1 1/2"	BGLV.040.371G	BGLV.040.371S	BGLV.040.371N
2"	BGLV.050.371G	BGLV.050.371S	BGLV.050.371N



Standard Port

STAINLESS STEEL GLOBE VALVES METAL TO METAL SEAT PN16 SCREWED BSP

BODY: S.STEEL CF8M
SEAT: S.STEEL CF8M
PACKING: PTFE

STEM: S.STEEL 316
SCREWED: BSP

DN	CODE
1/2"	GLVSS.015.171G
3/4"	GLVSS.020.171G
1"	GLVSS.025.171G
1 1/4"	GLVSS.032.171G
1 1/2"	GLVSS.040.171G
2"	GLVSS.050.171G



TF-GLV-SS-T

OS&Y GLOBE VALVE FORGED STEEL 800# BSP - NPT - SW

BODY: A-105
SEAT: F6+XU Trim.8
BONNET: BOLTED
PACKING: GRAPHITE
BORE: STANDARD



DN	CODE BSP	CODE SW	CODE NPT
3/8"	GLV.010.800.T	GLV.010.800.S	GLV.010.800.N
1/2"	GLV.015.800.T	GLV.015.800.S	GLV.015.800.N
3/4"	GLV.020.800.T	GLV.020.800.S	GLV.020.800.N
1"	GLV.025.800.T	GLV.025.800.S	GLV.025.800.N
1 1/4"	GLV.032.800.T	GLV.032.800.S	GLV.032.800.N
1 1/2"	GLV.040.800.T	GLV.040.800.S	GLV.040.800.N
2"	GLV.050.800.T	GLV.050.800.S	GLV.050.800.N

TF-GLV-800-T

OS&Y GLOBE VALVE FORGED S.STEEL F-316 800# - NPT - SW

BODY: S.STEEL A-182 F-316
SEAT: F316 Trim.10
BONNET: BOLTED
PACKING: GRAPHITE
BORE: STANDARD



DN	CODE SW	CODE NPT
3/8"	GLV.010.800SS.S	GLV.010.800SS.N
1/2"	GLV.015.800SS.S	GLV.015.800SS.N
3/4"	GLV.020.800SS.S	GLV.020.800SS.N
1"	GLV.025.800SS.S	GLV.025.800SS.N
1 1/2"	GLV.040.800SS.S	GLV.040.800SS.N
2"	GLV.050.800SS.S	GLV.050.800SS.N

TF-GLV-800-SS

PISTON TYPE GLOBE VALVE CAST IRON GJL250 FLANGED DIN PN16

BODY & BONNET: CAST IRON GJL250

PISTON: 1.4021 / 1.4086

SEAT RINGS: GRAPHITE

LANTERN: GJL 200 + Phosphate

DN	CODE
15	GLVPCI.015.4201
20	GLVPCI.020.4201
25	GLVPCI.025.4201
32	GLVPCI.032.4201
40	GLVPCI.040.4201
50	GLVPCI.050.4201
65	GLVPCI.065.4201
80	GLVPCI.080.4201
100	GLVPCI.100.4201
125	GLVPCI.125.4201
150	GLVPCI.150.4201
200	GLVPCI.200.4203



PISTON TYPE GLOBE VALVE CAST STEEL FLANGED DIN PN16/40

BODY & BONNET: C.STEEL 1.0619

PISTON: 1.4021 / 1.4086

SEAT RINGS: GRAPHITE

LANTERN: GJL 200 + Phosphate

DN	CODE PN-16
15	GLVPCS.015.3201
20	GLVPCS.020.3201
25	GLVPCS.025.3201
32	GLVPCS.032.3201
40	GLVPCS.040.3201
50	GLVPCS.050.3201
65	GLVPCS.065.3201
80	GLVPCS.080.3201
100	GLVPCS.100.3201
125	GLVPCS.125.3201
150	GLVPCS.150.3201
200	GLVPCS.200.3203



ISOLATION JACKET FOR GLOBE & PISTON TYPE VALVES

DN	CODE
15	GLVIJ.015.0000
20	GLVIJ.020.0000
25	GLVIJ.025.0000
32	GLVIJ.032.0000
40	GLVIJ.040.0000
50	GLVIJ.050.0000
65	GLVIJ.065.0000
80	GLVIJ.080.0000
100	GLVIJ.100.0000
125	GLVIJ.125.0000
150	GLVIJ.150.0000

MADE IN FIBER GLASS WITH SILICONE COVER



Temperature up to 250°C

BALANCING VALVES TA STAD SCREWED PN-20



BODY : AMETAL

CLOSE: WITH EPDM JOINT, Pos.0 METAL/METAL

MODELO SV WITOUT PURGUE DEVICE

MODEL CV WITH PURGUE DEVICE

STAD: MEASURE, CLOSED AND BALANCING.

MEASSUREMENT OF THE DIFERENTIAL PRESSURE WITH 2 PRESSURE CONNECTION



TA-STAD

BALANCING VALVES TA STAD SCREWED BSP

DN	CODE	Kvs	CODE	Kvs
10	STAD-10.SV	1,47	STAD-10.CV	1,47
15	STAD-15.SV	2,52	STAD-10.CV	2,52
20	STAD-20.SV	5,7	STAD-10.CV	5,7
25	STAD-25.SV	8,7	STAD-10.CV	8,7
32	STAD-32.SV	14,2	STAD-10.CV	14,2
40	STAD-40.SV	19,2	STAD-10.CV	19,2
50	STAD-50.SV	33	STAD-10.CV	33

BALANCING VALVES TA STAF WITH FLANGES

STAF PN-16 CAST IRON GJL250

DN	CODE	Kvs
65	STAF-65-2	85
80	STAF-80	120
100	STAF-100	190
125	STAF-125	300
150	STAF-150	420
200	STAF-200	765
250	STAF-250	1185
300	STAF-300	1450



STAF-SG PN-25 DUCTILE IRON

DN	CODE	Kvs
40	STAF-SG.40	19,2
50	STAF-SG.50	33
65	STAF-SG.65	85
80	STAF-SG.80	120
100	STAF-SG.100	190
125	STAF-SG.125	300
150	STAF-SG.150	420
200	STAF-SG.200	765
250	STAF-SG.250	1185
300	STAF-SG.300	1450
350	STAF-SG.350	2200
400	STAF-SG.400	2780



FOR SPECIAL FLUIDS CAN BE SUPPLIED WITH VITON JOINTS

TA-STAF

Y-STRAINER PN16. CAST IRON. FLANGED ENDS DIN PN10/16**BODY:** CAST IRON GJL250 / DUCTILE IRON GJS400**SCREEN:** S.STEEL 304 **COATING:** EPOXY 200µm.

DN	PN-10	PN-16
40	YSCI.040.4201	YSCI.040.4201
50	YSCI.050.4201	YSCI.050.4201
65	YSCI.065.4201	YSCI.065.4201
80	YSCI.080.4201	YSCI.080.4201
100	YSCI.100.4201	YSCI.100.4201
125	YSCI.125.4201	YSCI.125.4201
150	YSCI.150.4201	YSCI.150.4201
200	YSCI.200.4201	YSCI.200.4203
250	YSCI.250.4201	YSCI.250.4203
300	YSCI.300.4201	YSCI.300.4203
350	YSCI.350.5201	
400	YSCI.400.5201	
450	YSCI.450.5201	
500	YSCI.500.5201	
600	YSCI.600.5201	

TECFLW

SCREENS WITH SPECIAL DRILLING ON REQUEST.

Y-STRAINER PN16. S.STEEL. CF8M/316 . FLANGED DIN PN10/16**BODY & COVER:** S.STEEL C **PURGE PLUG:** S.STEEL CF8M**SCREEN:** S.STEEL 316 **GASKET:** PTFE

DN	PN-10	PN-16
15	YSSS.015.1212	YSSS.015.1212
20	YSSS.020.1212	YSSS.020.1212
25	YSSS.025.1212	YSSS.025.1212
32	YSSS.032.1212	YSSS.032.1212
40	YSSS.040.1212	YSSS.040.1212
50	YSSS.050.1212	YSSS.050.1212
65	YSSS.065.1212	YSSS.065.1212
80	YSSS.080.1212	YSSS.080.1212
100	YSSS.100.1212	YSSS.100.1212
125	YSSS.125.1212	YSSS.125.1213
150	YSSS.150.1212	YSSS.150.1213
200	YSSS.200.1212	YSSS.200.1213



SCREENS WITH SPECIAL DRILLING & SPARE PARTS ON REQUEST.

Y-STRAINER SCREWED TYPE MADE IN C.IRON - STEEL - S.STEEL**C.IRON:** BSP, PN-16**STEEL:** A-105 800Lbs. BSP-NPT-SW**S.STEEL:** CF8M, PN-16 BSP

DN	C.IRON	STEEL	S.STEEL
1/4"	N/A	YSCS.006.371G	YSSS.006.171G
3/8"	N/A	YSCS.010.371G	YSSS.010.171G
1/2"	YSCI.015.471G	YSCS.015.371G	YSSS.015.171G
3/4"	YSCI.020.471G	YSCS.020.371G	YSSS.020.171G
1"	YSCI.025.471G	YSCS.025.371G	YSSS.025.171G
1 1/4"	YSCI.032.471G	YSCS.032.371G	YSSS.032.171G
1 1/2"	YSCI.040.471G	YSCS.040.371G	YSSS.040.171G
2"	YSCI.050.471G	YSCS.050.371G	YSSS.050.171G
2 1/2"	YSCI.065.471G		
3"	YSCI.080.471G		

**Y-STRAINER FOR STEAM. PN16.
FLANGED ENDS DIN PN16****BODY:** D.IRON GJS400**SCREEN:** S.STEEL 304 **JOINT:** GRAPHITE**MAX. TEMPERATURE = 300°C**

DN	CODE	CODE
15	YS.015.5201ST	
20	YS.020.5201ST	
25	YS.025.5201ST	
32	YS.032.5201ST	
40	YS.040.5201ST	
50	YS.050.5201ST	YS.050.5201ULG
65	YS.065.5201ST	YS.065.5201ULG
80	YS.080.5201ST	YS.080.5201ULG
100	YS.100.5201ST	YS.100.5201ULG
125	YS.125.5201ST	YS.125.5201ULG
150	YS.150.5201ST	YS.150.5201ULG
200	YS.200.5203ST	YS.200.5203ULG
250	YS.250.5203ST	YS.250.5203ULG
300	YS.300.5203ST	YS.300.5201ULG

**Y STRAINER GROOVE ENDS
CERTIFICATE UL PN20****BODY:** D.IRON GJS500**SCREEN:** S.STEEL 304**Y-STRAINER HIGH TEMPERATURE. PN16 / 40. FLANGED ENDS DIN PN16 / PN40****BODY:** C.STEEL GS-C25**PURGE PLUG:** STEEL A105**SCREEN:** S.STEEL 304**COATING:** BLUE RAL 5002 120µm**GASKET:** GRAPHITE

DN	PN-16	PN-40
15	YSCS.015.3204	YSCS.015.3204
20	YSCS.020.3204	YSCS.020.3204
25	YSCS.025.3204	YSCS.025.3204
32	YSCS.032.3204	YSCS.032.3204
40	YSCS.040.3204	YSCS.040.3204
50	YSCS.050.3204	YSCS.050.3204
65	YSCS.065.3201	YSCS.065.3204
80	YSCS.080.3201	YSCS.080.3204
100	YSCS.100.3201	YSCS.100.3204
125	YSCS.125.3201	YSCS.125.3204
150	YSCS.150.3201	YSCS.150.3204
200	YSCS.200.3203	YSCS.200.3204
250	YSCS.250.3203	YSCS.250.3204
300	YSCS.300.3203	YSCS.300.3204

**Max. Temperature = 425°C**
Steam & Thermal Oil**Y-STRAINER. CAST STEEL. FLANGED ENDS ANSI 150#****BODY:** C.STEEL A-216WCB **GASKET:** GRAPHITE + S.STEEL 304**SCREEN:** S.STEEL 304 Mesh 1,5mm. except 2" = 1mm.

DN	150#	300#
2"	YSCS.050.3206	YSCS.050.3207
3"	YSCS.080.3206	YSCS.080.3207
4"	YSCS.100.3206	YSCS.100.3207
6"	YSCS.150.3206	YSCS.150.3207
8"	YSCS.200.3206	YSCS.200.3207
10"	YSCS.250.3206	YSCS.250.3207
12"	YSCS.300.3206	YSCS.300.3207
14"	YSCS.350.3206	
16"	YSCS.400.3206	

**Design According To ASME B16.34****Materials According To NACE MR 01-75 On Request**

150#

300#





RUBBER EXP. JOINT FSF TYPE SINGLE WAVE. EPDM. FLANGED ENDS DIN PN-10/16

BODY: EPDM WITH NYLON REINFORCEMENT

FLANGES: CAST STEEL CADMIUM

TECFLOW

DN	PN-10	PN-16	TIE RODS SET
32	REXJ.032.311	REXJ.032.311	REXJ.032.3
40	REXJ.040.311	REXJ.040.311	REXJ.040.3
50	REXJ.050.311	REXJ.050.311	REXJ.050.3
65	REXJ.065.311	REXJ.065.311	REXJ.065.3
80	REXJ.080.311	REXJ.080.311	REXJ.080.3
100	REXJ.100.311	REXJ.100.311	REXJ.100.3
125	REXJ.125.311	REXJ.125.311	REXJ.125.3
150	REXJ.150.311	REXJ.150.311	REXJ.150.3
200	REXJ.200.311	REXJ.200.313	REXJ.200.3
250	REXJ.250.311	REXJ.250.313	REXJ.250.3
300	REXJ.300.311	REXJ.300.313	REXJ.300.3
350	REXJ.350.311	REXJ.350.313	REXJ.350.3
400	REXJ.400.311	REXJ.400.313	REXJ.400.3
450	REXJ.450.311	REXJ.450.313	REXJ.450.3
500	REXJ.500.311	REXJ.500.313	REXJ.500.3
600	REXJ.600.311	REXJ.600.313	REXJ.600.3



BIGGER SIZES, OTHER MATERIALS, S.STEEL 304 / 316 FLANGES, AISI-316 - ANSI-150# - ANSI 300# ON REQUEST.

RUBBER EXP. JOINT FSF TYPE SINGLE WAVE. NITRILE (NBR). FLANGED ENDS DIN PN-10/16

BODY: NITRILE WITH NYLON REINFORCEMENT

FLANGES: CAST STEEL CADMIUM

DN	PN-10	PN-16
32	REXJ.032.511	REXJ.032.511
40	REXJ.040.511	REXJ.040.511
50	REXJ.050.511	REXJ.050.511
65	REXJ.065.511	REXJ.065.511
80	REXJ.080.511	REXJ.080.511
100	REXJ.100.511	REXJ.100.511
125	REXJ.125.511	REXJ.125.511
150	REXJ.150.511	REXJ.150.511
200	REXJ.200.511	REXJ.200.513
250	REXJ.250.511	REXJ.250.513
300	REXJ.300.511	REXJ.300.513



TECFLOW

WE RECOMMEND SECURITY TIE RODS
FOR A CORRECT MOUNT

RUBBER EXP. JOINT FTUA TYPE DOUBLE WAVE. EPDM. SCREWED ENDS DIN259

BODY: EPDM WITH NYLON REINFORCEMENT

ENDS: GALVANIZED MALEABLE IRON

SCREW: DIN 259

DN	CODE
1/2"	REXJ.015.337
3/4"	REXJ.020.337
1"	REXJ.025.337
1 1/4"	REXJ.032.337
1 1/2"	REXJ.040.337
2"	REXJ.050.337
2 1/2"	REXJ.065.337
3"	REXJ.080.337

TECFLOW



RUBBER EXP. JOINT FTF TYPE. DOUBLE WAVE. EPDM. FLANGED ENDS DIN PN-10/16



BODY: EPDM WITH NYLON REINFORCEMENT

FLANGES: CAST STEEL CADMIUM

REINFORCEMENT RING: STEEL

TECFLW



DN	PN-10	PN-16
40	REXJ.040.351S	REXJ.040.351S
50	REXJ.050.351S	REXJ.050.351S
65	REXJ.065.351S	REXJ.065.351S
80	REXJ.080.351S	REXJ.080.351S
100	REXJ.100.351S	REXJ.100.351S
125	REXJ.125.351S	REXJ.125.351S
150	REXJ.150.351S	REXJ.150.351S
200	REXJ.200.351S	REXJ.200.353S
250	REXJ.250.351S	REXJ.250.353S
300	REXJ.300.351S	REXJ.300.353S

BIGGER SIZES, OTHER MATERIALS, S.STEEL 304 / 316 FLANGES, AISI-316 - ANSI-150# - ANSI 300# ON REQUEST.

TF-REXJ-DF

METALLIC EXPANSION JOINT. PN16. FLANGED ENDS DIN PN-16

BELLOWS: S.STEEL 304

TIE RODS: C.STEEL ZINC

SLEEVE: S.STEEL 304

FLANGES: C.STEEL

TECFLW

DN	PN-16
50	MEXJ.050.1B3
65	MEXJ.065.1B3
80	MEXJ.080.1B3
100	MEXJ.100.1B3
125	MEXJ.125.1B3
150	MEXJ.150.1B3
200	MEXJ.200.1B3
250	MEXJ.250.1B3
300	MEXJ.300.1B3



Temperature: -50°C to +300°C

OTHER CONFIGURATIONS ON REQUEST

TF-MEXJ-F

METALLIC EXPANSION JOINT. PN10. WELDED ENDS

BELLOWS: S.STEEL 304

ENDS: C.STEEL

SLEEVE: S.STEEL 304

TECFLW

DN	CODE
1"	MEXJ.025.1S1
1 1/4"	MEXJ.032.1S1
1 1/2"	MEXJ.040.1S1
2"	MEXJ.050.1S1
2 1/2"	MEXJ.065.1S1
3"	MEXJ.080.1S1
4"	MEXJ.100.1S1
5"	MEXJ.125.1S1
6"	MEXJ.150.1S1
8"	MEXJ.200.1S1



Temperature: -50°C to +300°C

OTHER CONFIGURATIONS ON REQUEST

TF-MEXJ-T

BALANCE FLOAT VALVE. ANGLE TYPE. WITH PVC FLOAT. FLANGED DIN PN-10/16

BODY: DUCTILE IRON GJS400

ARMS: S.STEEL 304

FLOAT: PVC

COATING: EPOXY 250µm.



TECFLW



DN	CODE
50	FVAPVC.050.5201
65	FVAPVC.065.5201
80	FVAPVC.080.5201
100	FVAPVC.100.5201
125	FVAPVC.125.5201
150	FVAPVC.150.5201
200	FVAPVC.200.5201
250	FVAPVC.250.5201

PVC FLOAT SPARE PART

DN	CODE
Ø	FLOAT-50-100
Ø	FOAT-125-250



OTHER SPARE PARTS ON REQUEST

BALANCE FLOAT VALVE. ANGLE TYPE. WITH S.STEEL FLOAT. SCREWED BSP (E-FLOAT)

BODY: S.STEEL 304

FLOAT: S.STEEL 304

SEAT: EPDM

DN	CODE
1/2"	FVASS.015.121T
3/4"	FVASS.020.121T
1"	FVASS.025.121T
1 1/2"	FVASS.040.121T
2"	FVASS.050.121T

S.STEEL FLOAT SPARE PART

DN	CODE
Ø	SSFLOAT-15-25
Ø	SSFLOAT-40-50



BALANCE FLOAT VALVE. STRAIGHT TYPE. PILOT MODEL- FLANGED PN10. WITH S.STEEL FLOAT

BODY: CAST IRON GJL250

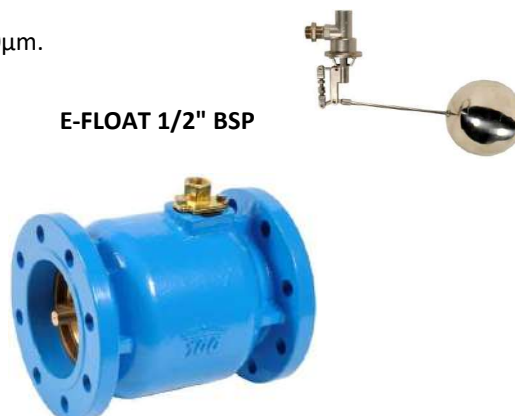
FLOAT: S.STEEL 304

SEAT: NBR

COATING: EPOXY 200µm.

DN	CODE
50	FVPSS.050.4201
65	FVPSS.065.4201
80	FVPSS.080.4201
100	FVPSS.100.4201
125	FVPSS.125.4201
150	FVPSS.150.4201
200	FVPSS.200.4201

E-FLOAT 1/2" BSP



E-FLOAT VALVE INCLUDED

CONNECTION PIPE NOT INCLUDED

KINETIC AIR RELEASE VALVE 3-FUNCTION. FLANGED DIN PN16 / 25 & SCREWED BSP. S.STEEL FLOAT

BODY: DUCTILE IRON GJS40

TRIM: S.STEEL 304

FLOAT: S.STEEL 304

COATING: EPOXY 250µm.

DN	PN-16	PN-25
50	KARVF.050.5323T	KARVF.050.5325T
65	KARVF.065.5323T	KARVF.065.5325T
80	KARVF.080.5323T	KARVF.080.5325T
100	KARVF.100.5323T	KARVF.100.5325T
125		
150	KARVF.150.5323T	KARVF.150.5325T
200	KARVF.200.5323T	KARVF.200.5325T



DN	PN-16	PN-25
3/4"	KARVT.020.5323R	KARVT.020.5325R
1"	KARVT.025.5323R	KARVT.025.5325R
1 1/4"	KARVT.032.5323R	KARVT.032.5325R
1 1/2"	KARVT.040.5323R	KARVT.040.5325R
2"	KARVT.050.5323R	KARVT.050.5325R



NPT SCREW ON REQUEST

KINETIC AIR RELEASE VALVE 3-FUNCTION. FLANGED DIN PN16/25/40. PLASTIC FLOAT

BODY: DUCTILE IRON GJS400

FLOAT: ABS

COATING: EPOXY 250µm.

DN	PN-16	PN-25
50	KARVPF.050.5323T	KARVPF.050.5325T
65	KARVPF.065.5323T	KARVPF.065.5325T
80	KARVPF.080.5323T	KARVPF.080.5325T
100	KARVPF.100.5323T	KARVPF.100.5325T
125		
150	KARVPF.150.5323T	KARVPF.150.5325T



DISMANTLING JOINTS FLANGED DIN PN10/16

WELDED TYPE



BODY: S.STEEL 304

FLANGES : C.STEEL

GASKET: EPDM

BOLTS: S.STEEL A2

COATING: EPOXY 150µm.



DN	PN-10	PN-16	PN-25
50	DJ.050.3100	DJ.050.3100	DJ.050.3105
65	DJ.065.3100	DJ.065.3100	DJ.065.3105
80	DJ.080.3100	DJ.080.3100	DJ.080.3105
100	DJ.100.3100	DJ.100.3100	DJ.100.3105
125	DJ.125.3100	DJ.125.3100	DJ.125.3105
150	DJ.150.3100	DJ.150.3100	DJ.150.3105
200	DJ.200.3100	DJ.200.3103	DJ.200.3105
250	DJ.250.3100	DJ.250.3103	DJ.250.3105
300	DJ.300.3100	DJ.300.3103	DJ.300.3105
350	DJ.350.3100	DJ.350.3103	DJ.350.3105
400	DJ.400.3100	DJ.400.3103	DJ.400.3105
450	DJ.450.3100	DJ.450.3103	DJ.450.3105
500	DJ.500.3100	DJ.500.3103	DJ.500.3105
600	DJ.600.3100	DJ.600.3103	DJ.600.3105

BIGGER SIZES, OTHER MATERIALS, FLANGES S.STEEL 304/316 - ANSI-150# - ANSI 300# ON REQUEST

DISMANTLING JOINTS. FLANGED DIN PN10/16/25/40



BODY: DUCTILE IRON GJS500

FLANGES: DUCTILE IRON GJS500

GASKET: EPDM

BOLTS: ZINC STEEL 8.8

COATING EPOXY RAL 5015 250µm

TECFLW



DN	PN-10	PN-16	PN-25
50	DJDI.050.3100	DJDI.050.3100	
65	DJDI.065.3100	DJDI.065.3100	
80	DJDI.080.3100	DJDI.080.3100	
100	DJDI.100.3100	DJDI.100.3100	DJDI.100.3105
125	DJDI.125.3100	DJDI.125.3100	DJDI.125.3105
150	DJDI.150.3100	DJDI.150.3100	DJDI.150.3105
200	DJDI.200.3100	DJDI.200.3103	DJDI.200.3105
250	DJDI.250.3100	DJDI.250.3103	DJDI.250.3105
300	DJDI.300.3100	DJDI.300.3103	DJDI.300.3105
350	DJDI.350.3100	DJDI.350.3103	DJDI.350.3105
400	DJDI.400.3100	DJDI.400.3103	DJDI.400.3105
450	DJDI.450.3100	DJDI.450.3103	DJDI.450.3105
500	DJDI.500.3100	DJDI.500.3103	DJDI.500.3105
600	DJDI.600.3100	DJDI.600.3103	DJDI.600.3105
700	DJDI.700.3100	DJDI.700.3103	DJDI.700.3105
800	DJDI.800.3100	DJDI.800.3103	DJDI.800.3105
900	DJDI.900.3100	DJDI.900.3103	DJDI.900.3105
1000	DJDI.1000.3100	DJDI.1000.3103	DJDI.1000.3105
1200	DJDI.1200.3100	DJDI.1200.3103	DJDI.1200.3105

BIGGER SIZES, PN40: ON REQUEST

SIGHT GLASS. PN16. DOUBLE GLASS TYPE. SCREWED BSP**BODY:** CAST IRON GJL200**GLASSES:** TEMPERED

DN	CODE
1/2"	SGCI.015.471G
3/4"	SGCI.020.471G
1"	SGCI.025.471G
1 1/4"	SGCI.032.471G
1 1/2"	SGCI.040.471G
2"	SGCI.050.471G

BODY: C.STEEL A-105**GLASSES:** BOROSILICATED

DN	STEAM
1/2"	SGCS.015.371G
3/4"	SGCS.020.371G
1"	SGCS.025.371G

PRESSURE: PS 40 Bar Up To 3/4" PS 20 Bar 1"**TEMPERATURE:** + 300°C**SUITABLE FOR USE WITH STEAM****SIGHT GLASS. PN16. DOUBLE GLASS TYPE. S.STEEL. SCREWED BSP /NPT****BODY:** S.STEEL CF8M**GLASSES:** TEMPERED

DN	BSP
1/2"	SGSS.015.171G
3/4"	SGSS.020.171G
1"	SGSS.025.171G
1 1/4"	SGSS.032.171G
1 1/2"	SGSS.040.171G
2"	SGSS.050.171G

BODY: S.STEEL CF8M**GLASSES:** TEMPERED

DN	NPT
1/2"	SGSS.015.171N
3/4"	SGSS.020.171N
1"	SGSS.025.171N
1 1/2"	SGSS.040.171N
2"	SGSS.050.171N

**SIGHT GLASS. PN16. DOUBLE GLASS TYPE. FLANGED ENDS DIN PN-16 / ANSI 150#****BODY:** CAST IRON GJL250**GLASSES:** TEMPERED

DN	C.IRON GJL250	PN-16	150#
15	SGCI.015.4201	SGSS.015.1212	SGSS.015.1215
20	SGCI.020.4201	SGSS.020.1212	SGSS.020.1215
25	SGCI.025.4201	SGSS.025.1212	SGSS.025.1215
32	SGCI.032.4201	SGSS.032.1212	
40	SGCI.040.4201	SGSS.040.1212	SGSS.040.1215
50	SGCI.050.4201	SGSS.050.1212	SGSS.050.1215
65	SGCI.065.4201	SGSS.065.1212	
80	SGCI.080.4201	SGSS.080.1212	SGSS.080.1215
100	SGCI.100.4201	SGSS.100.1212	SGSS.100.1215
125	SGCI.125.4201	SGSS.125.1212	
150	SGCI.150.4201	SGSS.150.1212	SGSS.150.1215

PN-16**150#**

BRASS BALL VALVE PN-25 SCREWED BSP

BODY: CHROME PLATED BRASS CW617N

BALL: POLISHED BRASS

SHAFT: BRASS

SEATS: PTFE

PACKING: PTFE

DN	CODE
1/2"	BVB.015.821
3/4"	BVB.020.821
1"	BVB.025.821
1 1/4"	BVB.032.821
1 1/2"	BVB.040.821
2"	BVB.050.821
2 1/2"	BVB.065.821
3"	BVB.080.821
4"	BVB.100.821



BUTTERFLY HANDLE / NPT SCREW ENDS ON REQUEST

PVC BALL VALVE. PN-10. SCREWED BSP / SOCKET

BODY: PVC

SHAFT: PVC

BALL: PVC

SEATS: PTFE

HANDLE: ABS

JOINT: EPDM

MAX. TEMPERATURE: 60°C

MAX. WORKING PRESSURE: 10 Bar



DN	EXTERNAL	SW	SCREWED
15	Ext. 20 mm.	BVPVC.015.921S	BVPVC.015.921G
20	Ext. 25 mm.	BVPVC.020.921S	BVPVC.020.921G
25	Ext. 32 mm.	BVPVC.025.921S	BVPVC.025.921G
32	Ext. 40 mm.	BVPVC.032.921S	BVPVC.032.921G
40	Ext. 50 mm.	BVPVC.040.921S	BVPVC.040.921G
50	Ext. 63 mm.	BVPVC.050.921S	BVPVC.050.921G
65	Ext. 75 mm.	BVPVC.065.921S	BVPVC.065.921G
80	Ext. 90 mm.	BVPVC.080.921S	BVPVC.080.921G
100	Ext. 110 mm.	BVPVC.100.921S	BVPVC.100.921G

SW



SCREWED



OTHER MATERIALS & CONNECTIONS ON REQUEST

1-PC BALL VALVE. PN40. S.STEEL. REDUCED BORE. SCREWED ENDS BSP

BODY: S.STEEL CF8M

SEATS: PTFE

BALL & STEM: S.STEEL 316

PACKING: PTFE

DN	CODE
1/4"	1PBV.006.171G
3/8"	1PBV.010.171G
1/2"	1PBV.015.171G
3/4"	1PBV.020.171G
1"	1PBV.025.171G
1 1/4"	1PBV.032.171G
1 1/2"	1PBV.040.171G
2"	1PBV.050.171G



MIRROR POLISHED BODY ON REQUEST

Temperature: -20°C up to 180°C

Max. Working Pressure: 40 Bar

BALL VALVES

2-PCS BALL VALVE. S.STEEL. SCREWED ENDS BSP

BODY: S.STEEL CF8M

STEM: S.STEEL 316

PACKING: PTFE

BALL: S.STEEL 316

SEATS: PTFE

DN	BSP THREAD
1/4"	2PBV.006.171G
3/8"	2PBV.010.171G
1/2"	2PBV.015.171G
3/4"	2PBV.020.171G
1"	2PBV.025.171G
1 1/4"	2PBV.032.171G
1 1/2"	2PBV.040.171G
2"	2PBV.050.171G
2 1/2"	2PBV.065.171G
3"	2PBV.080.171G

NPT Thread on request



LOCKING DEVICE



NPT Thread on request

TF-2PBV-T

2-PCS BALL VALVE. C.STEEL. 800 & 1500 Lbs. SCREWED BSP / NPT

BODY: A105

STEM: S.STEEL F316L

BALL: S.STEEL F316L

SEATS: PTFE+GRAPHITE / PEEK (1500 Lbs)

C.STEEL A105		
DN	800 Lbs	1500 Lbs
1/4"	2PCSBV.006.377	2PCSBV.006.378
3/8"	2PCSBV.010.377	2PCSBV.010.378
1/2"	2PCSBV.015.377	2PCSBV.015.378
3/4"	2PCSBV.020.377	2PCSBV.020.378
1"	2PCSBV.025.377	2PCSBV.025.378
1 1/4"	2PCSBV.032.377	2PCSBV.032.378
1 1/2"	2PCSBV.040.377	2PCSBV.040.378
2"	2PCSBV.050.377	2PCSBV.050.378



800 Lbs

1500 Lbs



TF-BV800-T

TF-BV1500-T

2-PCS BALL VALVE. S.STEEL. 800 & 1500 Lbs. SCREWED BSP / NPT

BODY: F316L

STEM: S.STEEL F316L

BALL: S.STEEL F316L

SEATS: PTFE+GRAPHITE / PEEK (1500 Lbs)

S.STEEL F316L			
DN	800 Lbs	CODE	1500 Lbs
1/4"	2PSSBV.006.177	2PSSBV.006.178	2PSSBV.006.178
3/8"	2PSSBV.010.177	2PSSBV.010.178	2PSSBV.010.178
1/2"	2PSSBV.015.177	2PSSBV.015.178	2PSSBV.015.178
3/4"	2PSSBV.020.177	2PSSBV.020.178	2PSSBV.020.178
1"	2PSSBV.025.177	2PSSBV.025.178	2PSSBV.025.178
1 1/4"	2PSSBV.032.177	2PSSBV.032.178	2PSSBV.032.178
1 1/2"	2PSSBV.040.177	2PSSBV.040.178	2PSSBV.040.178
2"	2PSSBV.050.177	2PSSBV.050.178	2PSSBV.050.178



800 Lbs

1500 Lbs



TF-BV800-T

TF-BV1500-T

3-PCS BALL VALVE. PN63. S.STEEL. SCREWED BSP - SW - BW

BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS: PTFE

PACKING: PTFE

LOCKING DEVICE



DN	CODE BSP	CODE SW	CODE BW
1/4"	3PBV.006.171G	3PBV.006.171S	3PBV.006.171B
3/8"	3PBV.010.171G	3PBV.010.171S	3PBV.010.171B
1/2"	3PBV.015.171G	3PBV.015.171S	3PBV.015.171B
3/4"	3PBV.020.171G	3PBV.020.171S	3PBV.020.171B
1"	3PBV.025.171G	3PBV.025.171S	3PBV.025.171B
1 1/4"	3PBV.032.171G	3PBV.032.171S	3PBV.032.171B
1 1/2"	3PBV.040.171G	3PBV.040.171S	3PBV.040.171B
2"	3PBV.050.171G	3PBV.050.171S	3PBV.050.171B
2 1/2"	3PBV.065.171G	3PBV.065.171S	3PBV.065.171B
3"	3PBV.080.171G	3PBV.080.171S	3PBV.080.171B
4"	3PBV.100.171G	3PBV.100.171S	3PBV.100.171B

NPT ENDS ON REQUEST

TANK BOTTOM 3-PCS BALL VALVE. S.STEEL 316 - BSP / NPT

BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS: PTFE

PACKING: PTFE

BOTTOM FLANGE: S.STEEL 316L



LOCKING DEVICE



BW / SW ON REQUEST

HEATING JACKET & STEM EXTENSION ON REQUEST

DN	CODE BSP	CODE NPT
1/2"	BTBV.015.171G	BTBV.015.171N
3/4"	BTBV.020.171G	BTBV.020.171N
1"	BTBV.025.171G	BTBV.025.171N
1 1/4"	BTBV.032.171G	BTBV.032.171N
1 1/2"	BTBV.040.171G	BTBV.040.171N
2"	BTBV.050.171G	BTBV.050.171N
2 1/2"	BTBV.065.171G	BTBV.065.171N
3"	BTBV.080.171G	BTBV.080.171N
4"	BTBV.100.171G	BTBV.100.171N

3-PCS BALL VALVE. PN40. WCB / S.STEEL CF8M. FLANGED PN40



BODY: WCB / S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS: PTFE +50% S.STEEL 316

PACKING: PTFE

LOCKING DEVICE



DN	CODE WCB	CODE S.STEEL
15	3PBV.015.3412	3PBV.015.1412
20	3PBV.020.3412	3PBV.020.1412
25	3PBV.025.3412	3PBV.025.1412
32	3PBV.032.3412	3PBV.032.1412
40	3PBV.040.3412	3PBV.040.1412
50	3PBV.050.3412	3PBV.050.1412
65	3PBV.065.3412	3PBV.065.1412
80	3PBV.080.3412	3PBV.080.1412
100	3PBV.100.3412	3PBV.100.1412

2-PCS BALL VALVE. PN-16. CAST IRON. FLANGED ENDS DIN PN-16

BODY: CAST IRON GJL250

STEM: S.STEEL 304

PACKING: PTFE

BALL: S.STEEL 304

SEATS : PTFE

STEM O'RING : FKM (VITON)

DN	CODE
15	BVCI.015.4211
20	BVCI.020.4211
25	BVCI.025.4211
32	BVCI.032.4211
40	BVCI.040.4211
50	BVCI.050.4211
65	BVCI.065.4211
80	BVCI.080.4211
100	BVCI.100.4211
125	BVCI.125.4211
150	BVCI.150.4211
200	BVCI.200.4213



ISO 5211 Mounting Pad

ATEX Group II Category 2 G/2Dc Zone 1 & 21 Zone 2 & 22 (marcado optional)

ATEX Mark = 10 €/Pc.

2-PCS BALL VALVE. PN-16 / ANSI150. C.STEEL. FLANGED ENDS DIN PN-16 / ANSI 150 Lbs.

BODY: C.STEEL A-216 WCB

STEM: S.STEEL 316

PACKING: PTFE

BALL: S.STEEL 304

SEATS: PTFE + GF

STEM O'RING : FKM (VITON)

DN	PN-16	150 LBS
15	BVCS.015.3211	BVCS.015.3215
20	BVCS.020.3211	BVCS.020.3215
25	BVCS.025.3211	BVCS.025.3215
32	BVCS.032.3211	BVCS.032.3215
40	BVCS.040.3211	BVCS.040.3215
50	BVCS.050.3211	BVCS.050.3215
65	BVCS.065.3211	BVCS.065.3215
80	BVCS.080.3211	BVCS.080.3215
100	BVCS.100.3211	BVCS.100.3215
125	BVCS.125.3211	
150	BVCS.150.3211	BVCS.150.3215



PN-16



150 LBS



ISO 5211 Mounting Pad

LOCKING DEVICE



2-PCS BALL VALVE. PN-16 / ANSI150. S.STEEL. FLANGED ENDS DIN PN-16 / ANSI 150 Lbs.

BODY: S.STEEL CF8M

STEM: S.STEEL 316

PACKING: PTFE

BALL: S.STEEL 316

SEATS : PTFE

DN	PN-16	150 LBS
15	BVSS.015.1212	BVSS.015.1215
20	BVSS.020.1212	BVSS.020.1215
25	BVSS.025.1212	BVSS.025.1215
32	BVSS.032.1212	BVSS.032.1215
40	BVSS.040.1212	BVSS.040.1215
50	BVSS.050.1212	BVSS.050.1215
65	BVSS.065.1212	BVSS.065.1215
80	BVSS.080.1212	BVSS.080.1215
100	BVSS.100.1212	BVSS.100.1215
125	BVSS.125.1212	
150	BVSS.150.1212	BVSS.150.1215



PN-16



150 LBS



ISO 5211 Mounting Pad

LOCKING DEVICE



PN-40 / 300 Lbs. ON REQUEST

BALL VALVES

TF-BVSS-W

WAFFER TYPE BALL VALVE. PN-16. S.STEEL. FOR FLANGES DIN PN-16

BODY: S.STEEL CF8M

STEM: S.STEEL 316

PACKING: PTFE

BALL: S.STEEL 316

SEATS : PTFE

DN	CODE
15	BVSS.015.1212W
20	BVSS.020.1212W
25	BVSS.025.1212W
32	BVSS.032.1212W
40	BVSS.040.1212W
50	BVSS.050.1212W
65	BVSS.065.1212W
80	BVSS.080.1212W
100	BVSS.100.1212W
125	BVSS.125.1212W
150	BVSS.150.1212W

ECO



LOCKING DEVICE



EF-BVCS-W



WAFFER TYPE BALL VALVE. C.STEEL. PN-16/25/40 ANSI 150#

BODY: C.STEEL A-105

STEM: S.STEEL 316

BALL: S.STEEL 304

SEATS: PTFE

DN	PN-10/16	PN-25/40	150 LBS
15	BVCSEF.015.3214W	BVCSEF.015.3214W	BVCSEF.015.3215W
20	BVCSEF.020.3214W	BVCSEF.020.3214W	BVCSEF.020.3215W
25	BVCSEF.025.3214W	BVCSEF.025.3214W	BVCSEF.025.3215W
32	BVCSEF.032.3214W	BVCSEF.032.3214W	BVCSEF.032.3215W
40	BVCSEF.040.3214W	BVCSEF.040.3214W	BVCSEF.040.3215W
50	BVCSEF.050.3214W	BVCSEF.050.3214W	BVCSEF.050.3215W
65	BVCSEF.065.3212W	BVCSEF.065.3214W	BVCSEF.065.3215W
80	BVCSEF.080.3212W	BVCSEF.080.3214W	BVCSEF.080.3215W
100	BVCSEF.100.3212W	BVCSEF.100.3214W	BVCSEF.100.3215W
125	BVCSEF.125.3212W	BVCSEF.125.3214W	BVCSEF.125.3215W
150	BVCSEF.150.3212W	BVCSEF.150.3214W	BVCSEF.150.3215W
200	BVCSEF.200.3212W	BVCSEF.200.3214W	BVCSEF.200.3215W

PN-63 / PN-100 - ANSI-300Lbs / ANSI-600lbs ON REQUEST

EF-BVSS-W



WAFFER TYPE BALL VALVE. S.STEEL. PN-16/25/40 ANSI 150#

BODY: S.STEEL CF8M

STEM: S.STEEL 316

BALL: S.STEEL 316

SEATS: PTFE

DN	PN-10/16	PN-25/40	150 LBS
15	BVSSEF.015.1214W	BVSSEF.015.1214W	BVSSEF.015.1215W
20	BVSSEF.020.1214W	BVSSEF.020.1214W	BVSSEF.020.1215W
25	BVSSEF.025.1214W	BVSSEF.025.1214W	BVSSEF.025.1215W
32	BVSSEF.032.1214W	BVSSEF.032.1214W	BVSSEF.032.1215W
40	BVSSEF.040.1214W	BVSSEF.040.1214W	BVSSEF.040.1215W
50	BVSSEF.050.1214W	BVSSEF.050.1214W	BVSSEF.050.1215W
65	BVSSEF.065.1212W	BVSSEF.065.1214W	BVSSEF.065.1215W
80	BVSSEF.080.1212W	BVSSEF.080.1214W	BVSSEF.080.1215W
100	BVSSEF.100.1212W	BVSSEF.100.1214W	BVSSEF.100.1215W
125	BVSSEF.125.1212W	BVSSEF.125.1214W	BVSSEF.125.1215W
150	BVSSEF.150.1212W	BVSSEF.150.1214W	BVSSEF.150.1215W
200	BVSSEF.200.1212W	BVSSEF.200.1214W	BVSSEF.200.1215W

PN-63 / PN-100 - ANSI-300Lbs / ANSI-600lbs ON REQUEST

2-PCS BALL VALVE. PN-63. S.STEEL WITH GRAPHITE SEATS (HIGH TEMPERATURE)

BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS: PTFE + GRAPHITE

PACKING: PTFE + GRAPHITE

STEM O'RING : FKM (VITON)



DN	CODE
1/4"	2PBVSSHT.006.171G
3/8"	2PBVSSHT.010.171G
1/2"	2PBVSSHT.015.171G
3/4"	2PBVSSHT.020.171G
1"	2PBVSSHT.025.171G
1 1/4"	2PBVSSHT.032.171G
1 1/2"	2PBVSSHT.040.171G
2"	2PBVSSHT.050.171G

SUITABLE FOR STEAM & SOLAR

Temperature: -20 + 200°C
Use with STEAM max. 11 Bar
Sealing According To TA LUFT

3-PCS BALL VALVE. PN-100. C.STEEL. SCREWED BSP/NPT. WELD SW/BW (HIGH TEMPERATURE)

BODY: C.STEEL A-216 WCB

BALL: S.STEEL 316

ENCAPSULATED BOLTS

SEATS: PTFE+CARBON

STEM: S.STEEL 316

PACKING: GRAPHITE

ISO 5211



DN	CODE
1/4"	3PBVCS.006.376
3/8"	3PBVCS.010.376
1/2"	3PBVCS.015.376
3/4"	3PBVCS.020.376
1"	3PBVCS.025.376
1 1/4"	3PBVCS.032.376
1 1/2"	3PBVCS.040.376
2"	3PBVCS.050.376

SUITABLE FOR STEAM & SOLAR

Temperature: -20 + 220°C
Use with STEAM max. 18 Bar
OVAL Handle On Request



3-PCS BALL VALVE. PN-100. S.STEEL. SCREWED BSP/NPT. WELD SW/BW (HIGH TEMPERATURE)

BODY: S.STEEL CF8M

BALL: S.STEEL 316

ENCAPSULATED BOLTS

SEATS: PTFE+CARBON

STEM: S.STEEL 316

PACKING: GRAPHITE

ISO 5211



DN	CODE
1/4"	3PBVSS.006.176
3/8"	3PBVSS.010.176
1/2"	3PBVSS.015.176
3/4"	3PBVSS.020.176
1"	3PBVSS.025.176
1 1/4"	3PBVSS.032.176
1 1/2"	3PBVSS.040.176
2"	3PBVSS.050.176

SUITABLE FOR STEAM & SOLAR

Temperature: -20 + 220°C
Use with STEAM max. 18 Bar
OVAL Handle On Request



BALL VALVES

TF-3WBV-SS-T

3-WAYS BALL VALVE. PN-40. S.STEEL. SCREWED ENDS BSP

BODY: S.STEEL CF8M

STEM: S.STEEL 316

BALL: S.STEEL 316

SEATS: PTFE

L & T PORT

PACKING: PTFE

DN	L PORT	T PORT
1/4"	3WBVSS.006.171L	3WBVSS.006.171T
3/8"	3WBVSS.010.171L	3WBVSS.010.171T
1/2"	3WBVSS.015.171L	3WBVSS.015.171T
3/4"	3WBVSS.020.171L	3WBVSS.020.171T
1"	3WBVSS.025.171L	3WBVSS.025.171T
1 1/4"	3WBVSS.032.171L	3WBVSS.032.171T
1 1/2"	3WBVSS.040.171L	3WBVSS.040.171T
2"	3WBVSS.050.171L	3WBVSS.050.171T

ISO 5211 MOUNTING PAD



LOCKING DEVICE



TF-3WBV-CS-F

3-WAYS BALL VALVE. PN-16. C.STEEL. FLANGED ENDS DIN PN-16

BODY: C.STEEL WCB

STEM: S.STEEL 316

BALL: S.STEEL 316

SEATS: PTFE

L & T PORT

PACKING: PTFE

DN	L PORT	T PORT
25	3WBVCS.025.3212L	3WBVCS.025.3212T
32	3WBVCS.032.3212L	3WBVCS.032.3212T
40	3WBVCS.040.3212L	3WBVCS.040.3212T
50	3WBVCS.050.3212L	3WBVCS.050.3212T
65	3WBVCS.065.3212L	3WBVCS.065.3212T
80	3WBVCS.080.3212L	3WBVCS.080.3212T
100	3WBVCS.100.3212L	3WBVCS.100.3212T
125	3WBVCS.125.3212L	3WBVCS.125.3212T
150	3WBVCS.150.3212L	3WBVCS.150.3212T

ISO 5211 MOUNTING PAD



LOCKING DEVICE



TF-3WBVSS-F

3-WAYS BALL VALVE. PN-16. S.STEEL. FLANGED ENDS DIN PN-16

BODY: S.STEEL CF8M

STEM: S.STEEL 316

BALL: S.STEEL 316

SEATS: PTFE

L & T PORT

PACKING: PTFE

DN	L PORT	T PORT
25	3WBVSS.025.1212L	3WBVSS.025.1212T
32	3WBVSS.032.1212L	3WBVSS.032.1212T
40	3WBVSS.040.1212L	3WBVSS.040.1212T
50	3WBVSS.050.1212L	3WBVSS.050.1212T
65	3WBVSS.065.1212L	3WBVSS.065.1212T
80	3WBVSS.080.1212L	3WBVSS.080.1212T
100	3WBVSS.100.1212L	3WBVSS.100.1212T
125	3WBVSS.125.1212L	3WBVSS.125.1212T
150	3WBVSS.150.1212L	3WBVSS.150.1212T

ISO 5211 MOUNTING PAD



LOCKING DEVICE



BALL VALVES

HIGH PERFORMANCE 2-PCS BALL VALVE. C.STEEL. DIN PN-16/40

ATEX

Fire Safe

ISO-15848

TF-BVCS-HP-F

SEATS: MODIFIED PTFE **TFM-1600®**

Max. Temperature: 230°C acc./diagram Pt

BODY: C.STEEL A-216 WCB

BALL: S.STEEL 316

STEM: S.STEEL 316



PACKING: GRAFOIL / O'Ring FKM

BODY SEAL: Spirometalic SS/Graphite

FLANGE ISO 5211 Direct Mount

DN	PN-16	PN-40
15	BVHPCS.015.3214	BVHPCS.015.3214
20	BVHPCS.020.3214	BVHPCS.020.3214
25	BVHPCS.025.3214	BVHPCS.025.3214
32	BVHPCS.032.3214	BVHPCS.032.3214
40	BVHPCS.040.3214	BVHPCS.040.3214
50	BVHPCS.050.3214	BVHPCS.050.3214
65	BVHPCS.065.3212	BVHPCS.065.3214
80	BVHPCS.080.3212	BVHPCS.080.3214
100	BVHPCS.100.3212	BVHPCS.100.3214
125	BVHPCS.125.3212	BVHPCS.125.3214
150	BVHPCS.150.3212	BVHPCS.150.3214
200	BVHPCS.200.3212	BVHPCS.200.3214



NACE

MR0175



HIGH PERFORMANCE 2-PCS BALL VALVE. C.STEEL. ANSI 150# / 300#

ATEX

Fire Safe

ISO-15848

TF-BVSS-HP-F

SEATS: MODIFIED PTFE **TFM-1600®**

Max. Temperature: 230°C acc./diagram Pt

BODY: C.STEEL A-216 WC

BALL: S.STEEL 316

STEM: S.STEEL 316



PACKING: GRAFOIL / O'Ring FKM

BODY SEAL: Spirometalic SS/Graphite

FLANGE ISO 5211 Direct Mount

DN	150#	300#
15	BVHPCS.015.3215	BVHPCS.015.3216
20	BVHPCS.020.3215	BVHPCS.020.3216
25	BVHPCS.025.3215	BVHPCS.025.3216
32	BVHPCS.032.3215	BVHPCS.032.3216
40	BVHPCS.040.3215	BVHPCS.040.3216
50	BVHPCS.050.3215	BVHPCS.050.3216
65	BVHPCS.065.3215	BVHPCS.065.3216
80	BVHPCS.080.3215	BVHPCS.080.3216
100	BVHPCS.100.3215	BVHPCS.100.3216
125	BVHPCS.125.3215	BVHPCS.125.3216
150	BVHPCS.150.3215	BVHPCS.150.3216
200	BVHPCS.200.3215	BVHPCS.200.3216

150#



300#



NACE

MR0175



BALL VALVES

TF-BVCS-HP-F

HIGH PERFORMANCE 2-PCS BALL VALVE. S.STEEL. DIN PN-16/40

ATEX

Fire Safe

ISO-15848

SEATS: MODIFIED PTFE **TFM-1600®**

Max. Temperature: 230°C acc./diagram Pt

BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316



PACKING: GRAFOIL / O'Ring FKM

BODY SEAL: Spirometalic SS/Graphite

FLANGE ISO 5211 Direct Mount

DN	PN-16	PN-40
15	BVHPSS.015.1214	BVHPSS.015.1214
20	BVHPSS.020.1214	BVHPSS.020.1214
25	BVHPSS.025.1214	BVHPSS.025.1214
32	BVHPSS.032.1214	BVHPSS.032.1214
40	BVHPSS.040.1214	BVHPSS.040.1214
50	BVHPSS.050.1214	BVHPSS.050.1214
65	BVHPSS.065.1212	BVHPSS.065.1214
80	BVHPSS.080.1212	BVHPSS.080.1214
100	BVHPSS.100.1212	BVHPSS.100.1214
125	BVHPSS.125.1212	BVHPSS.125.1214
150	BVHPSS.150.1212	BVHPSS.150.1214
200	BVHPSS.200.1212	BVHPSS.200.1214

NACE

MR0175



TF-BVSS-HP-F

HIGH PERFORMANCE 2-PCS BALL VALVE. S.STEEL. ANSI 150# / 300#

ATEX

Fire Safe

ISO-15848

SEATS: MODIFIED PTFE **TFM-1600®**

Max. Temperature: 230°C acc./diagram Pt

BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316



PACKING: GRAFOIL / O'Ring FKM

BODY SEAL: Spirometalic SS/Graphite

FLANGE ISO 5211 Direct Mount

DN	150#	300#
15	BVHPSS.015.1215	BVHPSS.015.1216
20	BVHPSS.020.1215	BVHPSS.020.1216
25	BVHPSS.025.1215	BVHPSS.025.1216
32	BVHPSS.032.1215	BVHPSS.032.1216
40	BVHPSS.040.1215	BVHPSS.040.1216
50	BVHPSS.050.1215	BVHPSS.050.1216
65	BVHPSS.065.1215	BVHPSS.065.1216
80	BVHPSS.080.1215	BVHPSS.080.1216
100	BVHPSS.100.1215	BVHPSS.100.1216
125	BVHPSS.125.1215	BVHPSS.125.1216
150	BVHPSS.150.1215	BVHPSS.150.1216
200	BVHPSS.200.1215	BVHPSS.200.1216

NACE

MR0175



150#



300#



BUTTERFLY VALVE WAFER PN16 FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR

TF-BFV-W-PNA



BODY: DUCTILE IRON GJS400
DISC: DUCTILE IRON GJS400 + EPOXY
STEM: S.STEEL 420
SEAT: EPDM
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
Prices calculated for air pressure of 6 Bar.



TECFLW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.51123W	AT-050D	BFV.040.51124W	AT-063S
50	BFV.050.51123W	AT-063D	BFV.050.51124W	AT-075S
65	BFV.065.51123W	AT-063D	BFV.065.51124W	AT-075S
80	BFV.080.51123W	AT-063D	BFV.080.51124W	AT-075S
100	BFV.100.51123W	AT-075D	BFV.100.51124W	AT-088S
125	BFV.125.51123W	AT-075D	BFV.125.51124W	AT-088S
150	BFV.150.51123W	AT-088D	BFV.150.51124W	AT-115S
200	BFV.200.51123W	AT-115D	BFV.200.51124W	AT-145S
250	BFV.250.51123W	AT-115D	BFV.250.51124W	AT-145S
300	BFV.300.51123W	AT-145D	BFV.300.51124W	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE WAFER PN16 FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR

TF-BFV-W-PNA



BODY: DUCTILE IRON GJS400
DISC: S.STEEL 316
STEM: S.STEEL 420
SEAT: EPDM
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
Prices calculated for air pressure of 6 Bar.



TECFLW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.52123W	AT-050D	BFV.040.52124W	AT-063S
50	BFV.050.52123W	AT-063D	BFV.050.52124W	AT-075S
65	BFV.065.52123W	AT-063D	BFV.065.52124W	AT-075S
80	BFV.080.52123W	AT-063D	BFV.080.52124W	AT-075S
100	BFV.100.52123W	AT-075D	BFV.100.52124W	AT-088S
125	BFV.125.52123W	AT-075D	BFV.125.52124W	AT-088S
150	BFV.150.52123W	AT-088D	BFV.150.52124W	AT-115S
200	BFV.200.52123W	AT-115D	BFV.200.52124W	AT-145S
250	BFV.250.52123W	AT-115D	BFV.250.52124W	AT-145S
300	BFV.300.52123W	AT-145D	BFV.300.52124W	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE LUG TYPE PN16 FOR FLANGES PN10/16 WITH PNEUMATIC ACTUATOR



BODY: DUCTILE IRON GJS400
DISC: DUCTILE IRON GJS400 + EPOXY
STEM: S.STEEL 420
SEAT: NBR
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
Prices calculated for air pressure of 6 Bar.



TECFLOW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.51223L	AT-063D	BFV.040.51224L	AT-063S
50	BFV.050.51223L	AT-063D	BFV.050.51224L	AT-075S
65	BFV.065.51223L	AT-063D	BFV.065.51224L	AT-075S
80	BFV.080.51223L	AT-075D	BFV.080.51224L	AT-088S
100	BFV.100.51223L	AT-075D	BFV.100.51224L	AT-088S
125	BFV.125.51223L	AT-075D	BFV.125.51224L	AT-100S
150	BFV.150.51223L	AT-088D	BFV.150.51224L	AT-115S
200	BFV.200.51223L	AT-115D	BFV.200.51224L	AT-145S
250	BFV.250.51223L	AT-115D	BFV.250.51224L	AT-160S
300	BFV.300.51223L	AT-145D	BFV.300.51224L	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE LUG TYPE PN16 FOR FLANGES PN10/16 WITH PNEUMATIC ACTUATOR



BODY: DUCTILE IRON GJS400
DISC: S.STEEL 316
STEM: S.STEEL 420
SEAT: NBR
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
Prices calculated for air pressure of 6 Bar.



TECFLOW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.52123L	AT-063D	BFV.040.52124L	AT-063S
50	BFV.050.52123L	AT-063D	BFV.050.52124L	AT-075S
65	BFV.065.52123L	AT-063D	BFV.065.52124L	AT-075S
80	BFV.080.52123L	AT-075D	BFV.080.52124L	AT-088S
100	BFV.100.52123L	AT-075D	BFV.100.52124L	AT-088S
125	BFV.125.52123L	AT-075D	BFV.125.52124L	AT-100S
150	BFV.150.52123L	AT-088D	BFV.150.52124L	AT-115S
200	BFV.200.52123L	AT-115D	BFV.200.52124L	AT-145S
250	BFV.250.52123L	AT-115D	BFV.250.52124L	AT-160S
300	BFV.300.52123L	AT-145D	BFV.300.52124L	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE WAFER PTFE SEAT FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR

TF-BFV-W-PNA



BODY: WCB
DISC: S.STEEL CF8M
SEAT: PTFE
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
 Prices calculated for air pressure of 6 Bar.



TECFLW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.32423W	AT-075D	BFV.040.32424W	AT-088S
50	BFV.050.32423W	AT-075D	BFV.050.32424W	AT-088S
65	BFV.065.32423W	AT-075D	BFV.065.32424W	AT-100S
80	BFV.080.32423W	AT-088D	BFV.080.32424W	AT-100S
100	BFV.100.32423W	AT-088D	BFV.100.32424W	AT-115S
125	BFV.125.32423W	AT-100D	BFV.125.32424W	AT-125S
150	BFV.150.32423W	AT-115D	BFV.150.32424W	AT-145S
200	BFV.200.32423W	AT-145D	BFV.200.32424W	AT-190S
250	BFV.250.32423W	AT-145D	BFV.250.32424W	AT-190S
300	BFV.300.32423W	AT-190D	BFV.300.32424W	AT-210S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE WAFER PTFE SEAT FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR

TF-BFV-W-PNA



BODY: WCB
DISC: S.STEEL CF8M + PTFE
SEAT: PTFE
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
 Prices calculated for air pressure of 6 Bar.



TECFLW

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.34423W	AT-075D	BFV.040.34424W	AT-088S
50	BFV.050.34423W	AT-075D	BFV.050.34424W	AT-088S
65	BFV.065.34423W	AT-075D	BFV.065.34424W	AT-100S
80	BFV.080.34423W	AT-088D	BFV.080.34424W	AT-100S
100	BFV.100.34423W	AT-088D	BFV.100.34424W	AT-115S
125	BFV.125.34423W	AT-100D	BFV.125.34424W	AT-125S
150	BFV.150.34423W	AT-115D	BFV.150.34424W	AT-145S
200	BFV.200.34423W	AT-145D	BFV.200.34424W	AT-190S
250	BFV.250.34423W	AT-145D	BFV.250.34424W	AT-190S
300	BFV.300.34423W	AT-190D	BFV.300.34424W	AT-210S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE LUG PTFE SEAT FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR



BODY: WCB
DISC: S.STEEL CF8M
SEAT: PTFE
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
 Prices calculated for air pressure of 6 Bar.

TECFLOW



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.32423L	AT-075D	BFV.040.32424L	AT-088S
50	BFV.050.32423L	AT-075D	BFV.050.32424L	AT-088S
65	BFV.065.32423L	AT-075D	BFV.065.32424L	AT-100S
80	BFV.080.32423L	AT-088D	BFV.080.32424L	AT-100S
100	BFV.100.32423L	AT-088D	BFV.100.32424L	AT-115S
125	BFV.125.32423L	AT-100D	BFV.125.32424L	AT-125S
150	BFV.150.32423L	AT-115D	BFV.150.32424L	AT-145S
200	BFV.200.32423L	AT-145D	BFV.200.32424L	AT-190S
250	BFV.250.32423L	AT-145D	BFV.250.32424L	AT-190S
300	BFV.300.32423L	AT-190D	BFV.300.32424L	AT-210S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

BUTTERFLY VALVE LUG PTFE SEAT FOR FLANGES PN10/16/ANSI150 WITH PNEUMATIC ACTUATOR



BODY: WCB
DISC: S.STEEL CF8M + PTFE
SEAT: PTFE
COATING: EPOXY 250µm.
 ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.
 Prices calculated for air pressure of 6 Bar.

TECFLOW



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
40	BFV.040.34423L	AT-075D	BFV.040.34424L	AT-088S
50	BFV.050.34423L	AT-075D	BFV.050.34424L	AT-088S
65	BFV.065.34423L	AT-075D	BFV.065.34424L	AT-100S
80	BFV.080.34423L	AT-088D	BFV.080.34424L	AT-100S
100	BFV.100.34423L	AT-088D	BFV.100.34424L	AT-115S
125	BFV.125.34423L	AT-100D	BFV.125.34424L	AT-125S
150	BFV.150.34423L	AT-115D	BFV.150.34424L	AT-145S
200	BFV.200.34423L	AT-145D	BFV.200.34424L	AT-190S
250	BFV.250.34423L	AT-145D	BFV.250.34424L	AT-190S
300	BFV.300.34423L	AT-190D	BFV.300.34424L	AT-210S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

KNIFE VALVE WAFER TYPE FOR FLANGES DIN PN-10 WITH DOUBLE ACTING AND SPRING RETURN PNEUMATIC CYLINDER



BODY: CAST IRON GJL250
BLADE: S.STEEL 304
SEAT: METAL/METAL or NBR
SHAFT: S.STEEL 13%Cr
PACKING: PTFE
 EPDM SEAT ON REQUEST



DN	METAL SEAT	NBR SEAT	SPRING RETURN
50	KGVCIW.050.4113	KGVCIW.050.4123	KGVCIW.050.4124
65	KGVCIW.065.4113	KGVCIW.065.4123	KGVCIW.065.4124
80	KGVCIW.080.4113	KGVCIW.080.4123	KGVCIW.080.4124
100	KGVCIW.100.4113	KGVCIW.100.4123	KGVCIW.100.4124
125	KGVCIW.125.4113	KGVCIW.125.4123	KGVCIW.125.4124
150	KGVCIW.150.4113	KGVCIW.150.4123	KGVCIW.150.4124
200	KGVCIW.200.4113	KGVCIW.200.4123	KGVCIW.200.4124
250	KGVCIW.250.4113	KGVCIW.250.4123	KGVCIW.250.4124
300	KGVCIW.300.4113	KGVCIW.300.4123	KGVCIW.300.4124
350	KGVCIW.350.4113	KGVCIW.350.4123	
400	KGVCIW.400.4113	KGVCIW.400.4123	
450	KGVCIW.450.4113	KGVCIW.450.4123	
500	KGVCIW.500.4113	KGVCIW.500.4123	

TF-KGV-W-PNA

KNIFE VALVE WAFER TYPE FOR FLANGES DIN PN-10 & THROUGH CONDUIT TYPE - BIDIRECCIONAL WITH DOUBLE ACTING PNEUMATIC CYLINDER



BODY: CAST IRON GJL250
BLADE: S.STEEL 304
SEAT: NBR, EPDM

THROUGH CONDUIT: EPDM SEAL
STEM: INOX 13%Cr
PACKING: PTFE



DN	BIDIRECTIONAL	THROUGH CONDUIT
50	KGVCIW.050.4123B	KGVCIW.050.4133TC
65	KGVCIW.065.4123B	KGVCIW.065.4133TC
80	KGVCIW.080.4123B	KGVCIW.080.4133TC
100	KGVCIW.100.4123B	KGVCIW.100.4133TC
125	KGVCIW.125.4123B	KGVCIW.125.4133TC
150	KGVCIW.150.4123B	KGVCIW.150.4133TC
200	KGVCIW.200.4123B	KGVCIW.200.4133TC
250	KGVCIW.250.4123B	KGVCIW.250.4133TC
300	KGVCIW.300.4123B	KGVCIW.300.4133TC
350	KGVCIW.350.4123B	
400	KGVCIW.400.4123B	

TF-KGV-W-PNA



KNIFE VALVE WAFER TYPE STAINLESS STEEL FOR FLANGES DIN PN-10 WITH DOUBLE ACTING PNEUMATIC CYLINDER

BODY: S.STEEL CF8M

BLADE: S.STEEL 316

SEAT: METAL/METAL or EPDM Standard

SHAFT: S.STEEL 13%Cr

PACKING: PTFE

NBR SEAT ON REQUEST

DN	EPDM SEAT
50	KGVSWS.050.1313
65	KGVSWS.065.1313
80	KGVSWS.080.1313
100	KGVSWS.100.1313
125	KGVSWS.125.1313
150	KGVSWS.150.1313
200	KGVSWS.200.1313
250	KGVSWS.250.1313
300	KGVSWS.300.1313
350	KGVSWS.350.1313
400	KGVSWS.400.1313



EPDM SEAT
KGVSWS.050.1313MO
KGVSWS.065.1313MO
KGVSWS.080.1313MO
KGVSWS.100.1313MO
KGVSWS.125.1313MO
KGVSWS.150.1313MO
KGVSWS.200.1313MO
KGVSWS.250.1313MO



KNIFE VALVE WAFER TYPE STAINLESS STEEL FOR FLANGES DIN PN-10 WITH SPRING RETURN PNEUMATIC CYLINDER

BODY: S.STEEL CF8M

BLADE: S.STEEL 316

SEAT: METAL/METAL or EPDM Standard

SHAFT: S.STEEL 13%Cr

PACKING: PTFE

NBR SEAT ON REQUEST

DN	EPDM SEAT
50	KGVSWS.050.1314
65	KGVSWS.065.1314
80	KGVSWS.080.1314
100	KGVSWS.100.1314
125	KGVSWS.125.1314
150	KGVSWS.150.1314
200	KGVSWS.200.1314
250	KGVSWS.250.1314
300	KGVSWS.300.1314



BIGGER DIAMETERS ON REQUEST. ATEX MARK ON REQUEST.



2Pcs BALL VALVE. S.STEEL CF8M SCREWED BSP WITH PNEUMATIC ACTUATOR

BODY: S.STEEL CF8M

SEATS: PTFE

ISO 5211 FLANGE

BALL: S.STEEL 316

STEM: S.STEEL 316

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
1/4"	2PBV.006.173G	AT-042D	2PBV.006.174G	AT-050S
3/8"	2PBV.010.173G	AT-042D	2PBV.010.174G	AT-050S
1/2"	2PBV.015.173G	AT-042D	2PBV.015.174G	AT-050S
3/4"	2PBV.020.173G	AT-050D	2PBV.020.174G	AT-063S
1"	2PBV.025.173G	AT-050D	2PBV.025.174G	AT-063S
1 1/4"	2PBV.032.173G	AT-050D	2PBV.032.174G	AT-075S
1 1/2"	2PBV.040.173G	AT-063D	2PBV.040.174G	AT-075S
2"	2PBV.050.173G	AT-075D	2PBV.050.174G	AT-088S



Prices calculated for air pressure of 6 Bar.

TF-2PBV-PNA



3Pcs BALL VALVE. S.STEEL CF8M SCREWED BSP WITH PNEUMATIC ACTUATOR

BODY: S.STEEL CF8M

SEATS: PTFE

ISO 5211 FLANGE

BALL: S.STEEL 316

STEM: S.STEEL 316

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
1/4"	3PBV.006.173G	AT-042D	3PBV.006.174G	AT-050S
3/8"	3PBV.010.173G	AT-042D	3PBV.010.174G	AT-050S
1/2"	3PBV.015.173G	AT-042D	3PBV.015.174G	AT-050S
3/4"	3PBV.020.173G	AT-050D	3PBV.020.174G	AT-063S
1"	3PBV.025.173G	AT-050D	3PBV.025.174G	AT-063S
1 1/4"	3PBV.032.173G	AT-050D	3PBV.032.174G	AT-075S
1 1/2"	3PBV.040.173G	AT-063D	3PBV.040.174G	AT-075S
2"	3PBV.050.173G	AT-075D	3PBV.050.174G	AT-088S
2 1/2"	3PBV.065.173G	AT-075D	3PBV.065.174G	AT-088S
3"	3PBV.080.173G	AT-088D	3PBV.080.174G	AT-100S
4"	3PBV.100.173G	AT-100D	3PBV.100.174G	AT-115S



Prices calculated for air pressure of 6 Bar.

TF-3PBV-PNA



WAFER TYPE BALL VALVE. PN-16. S.STEEL. WITH PNEUMATIC ACTUATOR

BODY: S.STEEL CF8M

SEATS: PTFE

BALL: S.STEEL 316

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVSS.015.1213W	AT-042D	BVSS.015.1214W	AT-063S
20	BVSS.020.1213W	AT-050D	BVSS.020.1214W	AT-075S
25	BVSS.025.1213W	AT-050D	BVSS.025.1214W	AT-075S
32	BVSS.032.1213W	AT-063D	BVSS.032.1214W	AT-088S
40	BVSS.040.1213W	AT-075D	BVSS.040.1214W	AT-100S
50	BVSS.050.1213W	AT-075D	BVSS.050.1214W	AT-115S
65	BVSS.065.1213W	AT-088D	BVSS.065.1214W	AT-145S
80	BVSS.080.1213W	AT-100D	BVSS.080.1214W	AT-145S
100	BVSS.100.1213W	AT-100D	BVSS.100.1214W	AT-145S
125	BVSS.125.1213W	AT-115D	BVSS.125.1214W	AT-190S
150	BVSS.150.1213W	AT-125D	BVSS.150.1214W	AT-190S



ECO



Prices calculated for air pressure of 6 Bar.

TF-BVECOW-PNA

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

PINCH VALVES

TF-PV-F



PINCH VALVES WITH INTEGRAL FULL BORE. FLANGED ENDS DIN PN10

BODY : ALUMINUM

FLANGES : ALUMINUM

SLEEVE: NATURAL RUBBER ANTI-ABRASIVE

COATING: EPOXY 80 MICRONS.

SLEEVE ON REQUEST: EPDM - NITRILE - FPM/FKM - SILICONE - FOOD RUBBER.



DN	CODE
40	PV.040.2111
50	PV.050.2111
65	PV.065.2111
80	PV.080.2111
100	PV.100.2111
125	PV.125.2111
150	PV.150.2111
200	PV.200.2111

SLEEVE SPARE PART

NATURAL RUBBER

PVSPCN.040.2111

PVSPCN.050.2111

PVSPCN.065.2111

PVSPCN.080.2111

PVSPCN.100.2111

PVSPCN.125.2111

PVSPCN.150.2111

PVSPCN.200.2111



PNEUMATIC VALVES

TF-BVCI-F-PNA



2-PCS BALL VALVE. PN-16. CAST IRON. FLANGED ENDS DIN PN-16 WITH PNEUMATIC ACTUATOR

BODY: CAST IRON GJL250

BALL: S.STEEL 304

STEM: S.STEEL 304

SEATS & PACKING : PTFE

STEM O'RING : FKM (VITON)

ISO 5211 FLANGE

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVCI.015.4213	AT-042D	BVCI.015.4214	AT-063S
20	BVCI.020.4213	AT-042D	BVCI.020.4214	AT-063S
25	BVCI.025.4213	AT-050D	BVCI.025.4214	AT-075S
32	BVCI.032.4213	AT-050D	BVCI.032.4214	AT-075S
40	BVCI.040.4213	AT-063D	BVCI.040.4214	AT-088S
50	BVCI.050.4213	AT-075D	BVCI.050.4214	AT-1150S
65	BVCI.065.4213	AT-075D	BVCI.065.4214	AT-1115S
80	BVCI.080.4213	AT-088D	BVCI.080.4214	AT-125S
100	BVCI.100.4213	AT-1005D	BVCI.100.4214	AT-145S
125	BVCI.125.4213	AT-115D	BVCI.125.4214	AT-190S
150	BVCI.150.4213	AT-125D	BVCI.150.4214	AT-190S
200	BVCI.200.4213	AT-160D	BVCI.200.4214	AT-210S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.



2-PCS BALL VALVE. PN16. C.STEEL WITH PNEUMATIC ACTUATOR

BODY: A-216 WCB

SEATS: PTFE

BALL: S.STEEL 316

PACKING: PTFE

STEM O'RING : FKM (VITON)

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVCS.015.3213	AT-042D	BVCS.015.3214	AT-063S
20	BVCS.020.3213	AT-050D	BVCS.020.3214	AT-063S
25	BVCS.025.3213	AT-050D	BVCS.025.3214	AT-075S
32	BVCS.032.3213	AT-050D	BVCS.032.3214	AT-075S
40	BVCS.040.3213	AT-063D	BVCS.040.3214	AT-088S
50	BVCS.050.3213	AT-075D	BVCS.050.3214	AT-100S
65	BVCS.065.3213	AT-075D	BVCS.065.3214	AT-100S
80	BVCS.080.3213	AT-088D	BVCS.080.3214	AT-115S
100	BVCS.100.3213	AT-100D	BVCS.100.3214	AT-145S
125	BVCS.125.3213	AT-100D	BVCS.125.3214	AT-145S
150	BVCS.150.3213	AT-1250D	BVCS.150.3214	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

2-PCS BALL VALVE. PN16. S.STEEL WITH PNEUMATIC ACTUATOR

BODY: S.STEEL CF8M

SEATS: PTFE

BALL: S.STEEL 316

PACKING: PTFE

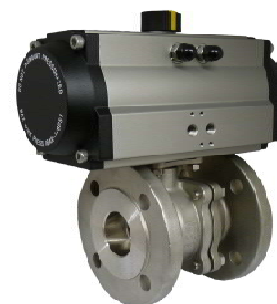
STEM O'RING : FKM (VITON)

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVSS.015.1213	AT-042D	BVSS.015.1214	AT-063S
20	BVSS.020.1213	AT-050D	BVSS.020.1214	AT-063S
25	BVSS.025.1213	AT-050D	BVSS.025.1214	AT-075S
32	BVSS.032.1213	AT-050D	BVSS.032.1214	AT-075S
40	BVSS.040.1213	AT-063D	BVSS.040.1214	AT-088S
50	BVSS.050.1213	AT-075D	BVSS.050.1214	AT-100S
65	BVSS.065.1213	AT-075D	BVSS.065.1214	AT-100S
80	BVSS.080.1213	AT-088D	BVSS.080.1214	AT-115S
100	BVSS.100.1213	AT-100D	BVSS.100.1214	AT-145S
125	BVSS.125.1213	AT-100D	BVSS.125.1214	AT-145S
150	BVSS.150.1213	AT-1250D	BVSS.150.1214	AT-190S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

HIGH PERFORMANCE 2-PCS BALL VALVE. C.STEEL. DIN PN-16 WITH PNEUMATIC ACTUATOR

BODY: A-216 WCB

SEATS: TFM-1600

BALL: S.STEEL 316

PACKING: GRAFOIL / O'Ring FKM

BODY GASKET: Spirometalic SS/Graphite

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVCS.015.3213	AT-050D	BVCS.015.3214	AT-063S
20	BVCS.020.3213	AT-050D	BVCS.020.3214	AT-075S
25	BVCS.025.3213	AT-050D	BVCS.025.3214	AT-075S
32	BVCS.032.3213	AT-063D	BVCS.032.3214	AT-088S
40	BVCS.040.3213	AT-063D	BVCS.040.3214	AT-088S
50	BVCS.050.3213	AT-075D	BVCS.050.3214	AT-115S
65	BVCS.065.3213	AT-075D	BVCS.065.3214	AT-115S
80	BVCS.080.3213	AT-088D	BVCS.080.3214	AT-125S
100	BVCS.100.3213	AT-100D	BVCS.100.3214	AT-145S
125	BVCS.125.3213	AT-115D	BVCS.125.3214	AT-160S
150	BVCS.150.3213	AT-125D	BVCS.150.3214	AT-190S
200	BVCS.200.3213	AT-160D	BVCS.200.3214	AT-240S

NACE

MR0175



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

HIGH PERFORMANCE 2-PCS BALL VALVE. S.STEEL. DIN PN-16 WITH PNEUMATIC ACTUATOR

BODY: S.STEEL CF8M

SEATS: TFM-1600

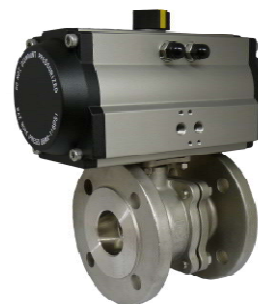
BALL: S.STEEL 316

PACKING: GRAFOIL / O'Ring FKM

BODY GASKET: Spirometalic SS/Graphite

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVSS.015.1213	AT-050D	BVSS.015.1214	AT-063S
20	BVSS.020.1213	AT-050D	BVSS.020.1214	AT-075S
25	BVSS.025.1213	AT-050D	BVSS.025.1214	AT-075S
32	BVSS.032.1213	AT-063D	BVSS.032.1214	AT-088S
40	BVSS.040.1213	AT-063D	BVSS.040.1214	AT-088S
50	BVSS.050.1213	AT-075D	BVSS.050.1214	AT-115S
65	BVSS.065.1213	AT-075D	BVSS.065.1214	AT-115S
80	BVSS.080.1213	AT-088D	BVSS.080.1214	AT-125S
100	BVSS.100.1213	AT-100D	BVSS.100.1214	AT-145S
125	BVSS.125.1213	AT-115D	BVSS.125.1214	AT-160S
150	BVSS.150.1213	AT-125D	BVSS.150.1214	AT-190S
200	BVSS.200.1213	AT-160D	BVSS.200.1214	AT-240S

NACE

MR0175



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-40. S.STEEL. SCREWED ENDS BSP WITH PNEUMATIC ACTUATOR

TF-3WBV-PNA-L



BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS % PACKING: PTFE

L PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
1/4"	3WBVSS.006.173L	AT-050D	3WBVSS.006.174L	AT-063S
3/8"	3WBVSS.010.173L	AT-050D	3WBVSS.010.174L	AT-063S
1/2"	3WBVSS.015.173L	AT-050D	3WBVSS.015.174L	AT-063S
3/4"	3WBVSS.020.173L	AT-050D	3WBVSS.020.174L	AT-063S
1"	3WBVSS.025.173L	AT-063D	3WBVSS.025.174L	AT-075S
1 1/4"	3WBVSS.032.173L	AT-063D	3WBVSS.032.174L	AT-088S
1 1/2"	3WBVSS.040.173L	AT-075D	3WBVSS.040.174L	AT-100S
2"	3WBVSS.050.173L	AT-075D	3WBVSS.050.174L	AT-115S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-40. S.STEEL. SCREWED ENDS BSP WITH PNEUMATIC ACTUATOR

TF-3WBV-PNA-T



BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS % PACKING: PTFE

T PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
1/4"	3WBVSS.006.173T	AT-050D	3WBVSS.006.174T	AT-063S
3/8"	3WBVSS.010.173T	AT-050D	3WBVSS.010.174T	AT-063S
1/2"	3WBVSS.015.173T	AT-050D	3WBVSS.015.174T	AT-063S
3/4"	3WBVSS.020.173T	AT-050D	3WBVSS.020.174T	AT-063S
1"	3WBVSS.025.173T	AT-063D	3WBVSS.025.174T	AT-075S
1 1/4"	3WBVSS.032.173T	AT-063D	3WBVSS.032.174T	AT-088S
1 1/2"	3WBVSS.040.173T	AT-075D	3WBVSS.040.174T	AT-100S
2"	3WBVSS.050.173T	AT-075D	3WBVSS.050.174T	AT-115S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-16. C. STEEL. FLANGED ENDS DIN PN-16 WITH PNEUMATIC ACTUATOR

BODY: C.STEEL A-216 WCB

BALL: S.STEEL 316

SEATS: PTFE

STEM: S.STEEL 316

L PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	L PORT D/ACTING	ACT. MODEL	L PORT SPRING RETURN	ACT. MODEL
25	3WBVCS.025.3213L	AT-063D	3WBVCS.025.3214L	AT-075S
32	3WBVCS.032.3213L	AT-063D	3WBVCS.032.3214L	AT-088S
40	3WBVCS.040.3213L	AT-075D	3WBVCS.040.3214L	AT-115S
50	3WBVCS.050.3213L	AT-115D	3WBVCS.050.3214L	AT-145S
65	3WBVCS.065.3213L	AT-115D	3WBVCS.065.3214L	AT-160S
80	3WBVCS.080.3213L	AT-125D	3WBVCS.080.3214L	AT-190S
100	3WBVCS.100.3213L	AT-145D	3WBVCS.100.3214L	AT-190S
125	3WBVCS.125.3213L	AT-190D	3WBVCS.125.3214L	AT-270S
150	3WBVCS.150.3213L	AT-190D	3WBVCS.150.3214L	AT-300S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-16. C. STEEL. FLANGED ENDS DIN PN-16 WITH PNEUMATIC ACTUATOR

BODY: C.STEEL A-216 WCB

BALL: S.STEEL 316

SEATS: PTFE

STEM: S.STEEL 316

T PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	T PORT D/ACTING	ACT. MODEL	T PORT SPRING RETURN	ACT. MODEL
25	3WBVCS.025.3213T	AT-063D	3WBVCS.025.3214T	AT-075S
32	3WBVCS.032.3213T	AT-063D	3WBVCS.032.3214T	AT-088S
40	3WBVCS.040.3213T	AT-075D	3WBVCS.040.3214T	AT-115S
50	3WBVCS.050.3213T	AT-115D	3WBVCS.050.3214T	AT-145S
65	3WBVCS.065.3213T	AT-115D	3WBVCS.065.3214T	AT-160S
80	3WBVCS.080.3213T	AT-125D	3WBVCS.080.3214T	AT-190S
100	3WBVCS.100.3213T	AT-145D	3WBVCS.100.3214T	AT-190S
125	3WBVCS.125.3213T	AT-190D	3WBVCS.125.3214T	AT-270S
150	3WBVCS.150.3213T	AT-190D	3WBVCS.150.3214T	AT-300S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-16. S. STEEL. FLANGED ENDS DIN PN-16 WITH PNEUMATIC ACTUATOR



BODY: S.STEEL CF8M

BALL: S.STEEL 316

SEATS: PTFE

STEM: S.STEEL 316

L PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	L PORT D/ACTING	ACT. MODEL	L PORT SPRING RETURN	ACT. MODEL
25	3WBVSS.025.1213L	AT-063D	3WBVSS.025.1214L	AT-075S
32	3WBVSS.032.1213L	AT-063D	3WBVSS.032.1214L	AT-088S
40	3WBVSS.040.1213L	AT-075D	3WBVSS.040.1214L	AT-115S
50	3WBVSS.050.1213L	AT-115D	3WBVSS.050.1214L	AT-145S
65	3WBVSS.065.1213L	AT-115D	3WBVSS.065.1214L	AT-160S
80	3WBVSS.080.1213L	AT-125D	3WBVSS.080.1214L	AT-190S
100	3WBVSS.100.1213L	AT-145D	3WBVSS.100.1214L	AT-190S
125	3WBVSS.125.1213L	AT-190D	3WBVSS.125.1214L	AT-270S
150	3WBVSS.150.1213L	AT-190D	3WBVSS.150.1214L	AT-300S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

3-WAYS BALL VALVE. PN-16. S. STEEL. FLANGED ENDS DIN PN-16 WITH PNEUMATIC ACTUATOR



BODY: S.STEEL CF8M

BALL: S.STEEL 316

SEATS: PTFE

STEM: S.STEEL 316

T PORT

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.



DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
25	3WBVSS.025.1213T	AT-063D	3WBVSS.025.1214T	AT-075S
32	3WBVSS.032.1213T	AT-063D	3WBVSS.032.1214T	AT-088S
40	3WBVSS.040.1213T	AT-075D	3WBVSS.040.1214T	AT-115S
50	3WBVSS.050.1213T	AT-115D	3WBVSS.050.1214T	AT-145S
65	3WBVSS.065.1213T	AT-115D	3WBVSS.065.1214T	AT-160S
80	3WBVSS.080.1213T	AT-125D	3WBVSS.080.1214T	AT-190S
100	3WBVSS.100.1213T	AT-145D	3WBVSS.100.1214T	AT-190S
125	3WBVSS.125.1213T	AT-190D	3WBVSS.125.1214T	AT-270S
150	3WBVSS.150.1213T	AT-190D	3WBVSS.150.1214T	AT-300S

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

2-PCS BALL VALVE. C.STEEL. ANSI 150#.WITH PNEUMATIC ACTUATOR



BODY: C.STEEL A-216 WCB

BALL: S.STEEL 304

SEATS: PTFE + GV

STEM: S.STEEL 316

PACKING: PTFE

STEM O'RING : FKM (VITON)

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVCS.015.3235	AT-042D	BVCS.015.3245	AT-063S
20	BVCS.020.3235	AT-050D	BVCS.020.3245	AT-063S
25	BVCS.025.3235	AT-050D	BVCS.025.3245	AT-075S
32	BVCS.032.3235	AT-050D	BVCS.032.3245	AT-075S
40	BVCS.040.3235	AT-063D	BVCS.040.3245	AT-088S
50	BVCS.050.3235	AT-075D	BVCS.050.3245	AT-100S
65	BVCS.065.3235	AT-075D	BVCS.065.3245	AT-100S
80	BVCS.080.3235	AT-088D	BVCS.080.3245	AT-115S
100	BVCS.100.3235	AT-100D	BVCS.100.3245	AT-145S
150	BVCS.150.3235	AT-125D	BVCS.150.3245	AT-190S
200	BVCS.200.3235	AT-160D	BVCS.200.3245	AT-240S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

2-PCS BALL VALVE. S.STEEL. ANSI 150#.WITH PNEUMATIC ACTUATOR



BODY: S.STEEL CF8M -316

BALL: S.STEEL 316

SEATS: PTFE + GV

STEM: S.STEEL 316

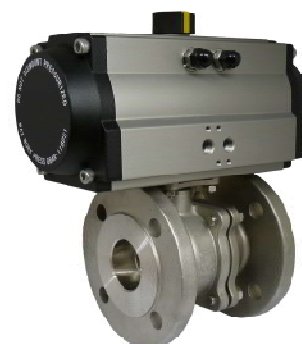
PACKING: PTFE

STEM O'RING : FKM (VITON)

ALUMINUM PNEUMATIC ACTUATOR 1/4 TURN.

Prices calculated for air pressure of 6 Bar.

DN	DOBLE ACTING	ACT. MODEL	SPRING RETURN	ACT. MODEL
15	BVSS.015.1235	AT-042D	BVSS.015.1245	AT-063S
20	BVSS.020.1235	AT-050D	BVSS.020.1245	AT-063S
25	BVSS.025.1235	AT-050D	BVSS.025.1245	AT-075S
32	BVSS.032.1235	AT-050D	BVSS.032.1245	AT-075S
40	BVSS.040.1235	AT-063D	BVSS.040.1245	AT-088S
50	BVSS.050.1235	AT-075D	BVSS.050.1245	AT-100S
65	BVSS.065.1235	AT-075D	BVSS.065.1245	AT-100S
80	BVSS.080.1235	AT-088D	BVSS.080.1245	AT-115S
100	BVSS.100.1235	AT-100D	BVSS.100.1245	AT-145S
150	BVSS.150.1235	AT-125D	BVSS.150.1245	AT-190S
200	BVSS.200.1235	AT-160D	BVSS.200.1245	AT-240S



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

**WAFER BUTTERFLY VALVE. PN16. WITH 1-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** DUCTILE IRON GJS400 + EPOXY / S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM**TECFLW****MULTI VOLTAGE ELECTRIC ACTUATOR 1/4 TURN 24 to 240VDC / VAC. IP67**

DN	DI GJS400 DISC	SS 316 DISC	ACTUATOR
40	BFV.040.51125W	BFV.040.52125W	J4CS20
50	BFV.050.51125W	BFV.050.52125W	J4CS20
65	BFV.065.51125W	BFV.065.52125W	J4CS35
80	BFV.080.51125W	BFV.080.52125W	J4CS35
100	BFV.100.51125W	BFV.100.52125W	J4CS55
125	BFV.125.51125W	BFV.125.52125W	J4CS85
150	BFV.150.51125W	BFV.150.52125W	J4CS 140
200	BFV.200.51125W	BFV.200.52125W	J4CS 300
250	BFV.250.51125W	BFV.250.52125W	J4CS 300
300	BFV.300.51125W	BFV.300.52125W	NA60
350	BFV.350.51125W	BFV.350.52125W	NA100
400	BFV.400.51125W	BFV.400.52125W	NA150
450	BFV.450.51125W	BFV.450.52125W	NA200
500	BFV.500.51125W	BFV.500.52125W	NA200

*Prices calculated for valves with EPDM seat. Other materials on request.***PRICES FOR ΔP 10 bar FROM DN350. ΔP 16 bar ON REQUEST****WAFER BUTTERFLY VALVE. PN16. WITH 3-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** DUCTILE IRON GJS400 + EPOXY / S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM**TECFLW****3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF**

DN	DI GJS400 DISC	SS 316 DISC	ACTUATOR
40	BFV.040.51126W	BFV.040.52126W	NA06
50	BFV.050.51126W	BFV.050.52126W	NA06
65	BFV.065.51126W	BFV.065.52126W	NA06
80	BFV.080.51126W	BFV.080.52126W	NA06
100	BFV.100.51126W	BFV.100.52126W	NA06
125	BFV.125.51126W	BFV.125.52126W	NA06
150	BFV.150.51126W	BFV.150.52126W	NA15
200	BFV.200.51126W	BFV.200.52126W	NA28
250	BFV.250.51126W	BFV.250.52126W	NA28
300	BFV.300.51126W	BFV.300.52126W	NA60
350	BFV.350.51126W	BFV.350.52126W	NA100
400	BFV.400.51126W	BFV.400.52126W	NA150
450	BFV.450.51126W	BFV.450.52126W	NA200
500	BFV.500.51126W	BFV.500.52126W	NA200

*Prices calculated for valves with EPDM seat. Other materials on request.***PRICES FOR ΔP 10 bar FROM DN350. ΔP 16 bar ON REQUEST**

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

**WAFLER BUTTERFLY VALVE. PN16. WITH 1-PHASE ELECTRIC ACTUATOR SPRING RETURN****BODY:** DUCTILE IRON GJS400**DISC:** DUCTILE IRON GJS400 + EPOXY / S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM

ELECTRIC ACTUATOR 1/4 TURN 1-PHASE 24 a 240 VAC/VDC SPRING RETURN*Prices calculated for valves with EPDM seat. Other materials on request.*

DN	DI GJS400 DISC	SS 316 DISC	ACTUATOR
40	BFV.040.51127W	BFV.040.52127W	SR05
50	BFV.050.51127W	BFV.050.52127W	SR05
65	BFV.065.51127W	BFV.065.52127W	SR05
80	BFV.080.51127W	BFV.080.52127W	SR05
100	BFV.100.51127W	BFV.100.52127W	SR10
125	BFV.125.51127W	BFV.125.52127W	SR10
150	BFV.150.51127W	BFV.150.52127W	SR10
200	BFV.200.51127W	BFV.200.52127W	SR30
250	BFV.250.51127W	BFV.250.52127W	SR30



TF-BFV-W-EA

**LUG BUTTERFLY VALVE. PN16. WITH 1-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM

MULTI VOLTAGE ELECTRIC ACTUATOR 1/4 TURN 24 to 240VDC / VAC. IP67*Prices calculated for valves with EPDM seat. Other materials on request.*

DN	SS 316 DISC	ACTUATOR
50	BFV.050.52225L	J4CS20
65	BFV.065.52225L	J4CS35
80	BFV.080.52225L	J4CS35
100	BFV.100.52225L	J4CS55
125	BFV.125.52225L	J4CS140
150	BFV.150.52225L	J4CS300
200	BFV.200.52225L	J4CS300
250	BFV.250.52225L	NA28
300	BFV.300.52225L	NA60



TF-BFV-L-EA

**LUG BUTTERFLY VALVE. PN16. WITH 3-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM

3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF

DN	SS 316 DISC	ACTUATOR
50	BFV.050.52126L	NA06
65	BFV.065.52126L	NA06
80	BFV.080.52126L	NA06
100	BFV.100.52126L	NA06
125	BFV.125.52126L	NA06
150	BFV.150.52126L	NA15
200	BFV.200.52126L	NA28
250	BFV.250.52126L	NA28
300	BFV.300.52126L	NA60



TF-BFV-L-3EA

**FLANGED BUTTERFLY VALVE. PN16 - WITH 3-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** S.STEEL 316**STEM:** S.STEEL 420**SEAT:** EPDM (VULCANIZED)**COATING:** EPOXY 250µm.**ELECTRIC ACTUATOR 400V / 50Hz ON/OFF***1-PHASE ACTUATOR ON REQUEST***TECFLOW**

DN	CODE PN-10	CODE PN-16
50	BFV.050.52126F	BFV.050.52126F
65	BFV.065.52126F	BFV.065.52126F
80	BFV.080.52126F	BFV.080.52126F
100	BFV.100.52126F	BFV.100.52126F
125	BFV.125.52126F	BFV.125.52126F
150	BFV.150.52126F	BFV.150.52126F
200	BFV.200.52116F	BFV.200.52126F
250	BFV.250.52116F	BFV.250.52126F
300	BFV.300.52116F	BFV.300.52126F
350	BFV.350.52116F	BFV.350.52126F
400	BFV.400.52116F	BFV.400.52126F
450	BFV.450.52116F	BFV.450.52126F
500	BFV.500.52116F	BFV.500.52126F
600	BFV.600.52116F	BFV.600.52126F

FACE TO FACE ACC. TO EN 558-1 SERIES 13
SIZES UP TO DN-600 ON REQUEST**FLANGED BUTTERFLY VALVE. PN16 - WITH 3-PHASE ELECTRIC ACTUATOR****BODY:** DUCTILE IRON GJS400**DISC:** DUCTILE IRON GJS400 + EPOXY / S.STEEL CF8M**STEM:** S.STEEL 420**SEAT:** EPDM**COATING:** EPOXY 250µm.**AUMA 3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF***1-PHASE ACTUATOR ON REQUEST*

DN	DI GJS400 DISC	SS CF8M DISC
200	BFV.200.51126F20	BFV.200.52126F20
250	BFV.250.51126F20	BFV.250.52126F20
300	BFV.300.51126F20	BFV.300.52126F20
350	BFV.350.51126F20	BFV.350.52126F20
400	BFV.400.51126F20	BFV.400.52126F20
450	BFV.450.51126F20	BFV.450.52126F20
500	BFV.500.51126F20	BFV.500.52126F20
600	BFV.600.51126F20	BFV.600.52126F20
700	BFV.700.51126F20	BFV.700.52126F20
800	BFV.800.51126F20	BFV.800.52126F20
900	BFV.900.51126F20	BFV.900.52126F20
1000	BFV.1000.51126F20	BFV.1000.52126F20
1200	BFV.1200.51126F20	BFV.1200.52126F20



FACE TO FACE ACC. TO EN 558-1 SERIES 20

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

DOUBLE ECCENTRIC BUTTERFLY VALVE PN-10/16/PN25/PN40 WITH ELECTRIC ACTUATOR



BODY: DUCTILE IRON GJS500
DISC: GJS500 + EPOXY
STEM: SS420
SEAT: S.STEEL / EPDM
COATING: EPOXY 250µm.

WITH 3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF AUMA

MOTOR EQUIPMENT: 1 HAND-WHEEL FOR MANUAL OPERATION

2 LIMIT SWITCHES: 1 OPEN/CLOSE INDICATOR

1 HEATING RESISTANCE: 2 LIMIT AND TORQUE SENSING

1-PHASE ACTUATOR ON REQUEST

DN	CODE PN-10	CODE PN-16
100	DEBFV.100.51127	DEBFV.100.51127
150	DEBFV.150.51127	DEBFV.150.51127
200	DEBFV.200.51117	DEBFV.200.51127
250	DEBFV.250.51117	DEBFV.250.51127
300	DEBFV.300.51117	DEBFV.300.51127
350	DEBFV.350.51117	DEBFV.350.51127
400	DEBFV.400.51117	DEBFV.400.51127
450	DEBFV.450.51117	DEBFV.450.51127
500	DEBFV.500.51117	DEBFV.500.51127
600	DEBFV.600.51117	DEBFV.600.51127
700	DEBFV.700.51117	DEBFV.700.51127
800	DEBFV.800.51117	DEBFV.800.51127
900	DEBFV.900.51117	DEBFV.900.51127
1000	DEBFV.1000.51117	DEBFV.1000.51127
1200	DEBFV.1200.51117	DEBFV.1200.51127



DN	PN-25	PN-40
100	DEBFV.100.51137	N/A
150	DEBFV.150.51137	N/A
200	DEBFV.200.51137	DEBFV.200.51147
250	DEBFV.250.51137	DEBFV.250.51147
300	DEBFV.300.51137	DEBFV.300.51147
350	DEBFV.350.51137	DEBFV.350.51147
400	DEBFV.400.51137	DEBFV.400.51147
450	DEBFV.450.51137	DEBFV.450.51147
500	DEBFV.500.51137	DEBFV.500.51147
600	DEBFV.600.51137	DEBFV.600.51147
700	DEBFV.700.51137	DEBFV.700.51147
800	DEBFV.800.51137	DEBFV.800.51147
900	DEBFV.900.51137	DEBFV.900.51147
1000	DEBFV.1000.51137	DEBFV.1000.51147
1200	DEBFV.1200.51137	DEBFV.1200.51147

BIGGER SIZES ON REQUEST

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

RESILIENT SEAT GATE VALVE PN16 FLANGED DIN PN-10/16 WITH ELECTRIC ACTUATOR



BODY: DUCTILE IRON GJS500
GATE: DUCTILE IRON GJS500 + EPDM
STEM: SS 420
COATING: EPOXY 250µm.
FACE TO FACE: EN 558-1 SERIE 14.



AUMA 3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF

1-PHASE ACTUATOR ON REQUEST

DN	PN-10	PN-16
50	RSGV.050.52116	RSGV.050.52116
65	RSGV.065.52116	RSGV.065.52116
80	RSGV.080.52116	RSGV.080.52116
100	RSGV.100.52116	RSGV.100.52116
125	RSGV.125.52116	RSGV.125.52116
150	RSGV.150.52116	RSGV.150.52116
200	RSGV.200.52116	RSGV.200.52136
250	RSGV.250.52116	RSGV.250.52136
300	RSGV.300.52116	RSGV.300.52136

KNIFE VALVE WAFFER TYPE FOR FLANGES DIN PN-10 WITH ELECTRIC ACTUATOR



BODY: CAST IRON GJL250 / S.STEEL CF8M
BLADE: S.STEEL 304 / S.STEEL 316
SEAT: NBR / EPDM standard
SHAFT: S.STEEL 13%Cr
PACKING: PTFE
 METAL SEAT ON REQUEST



AUMA 3-PHASE ELECTRIC ACTUATOR 400V / 50Hz ON/OFF

DN	GJL-250 BODY		SS CF8M BODY
	UNIDIRECTIONAL NBR SEAT	BIDIRECTIONAL EPDM SEAT	EPDM SEAT
50	KGVCIW.050.4126	KGVCIW.050.4116B	KGVCIW.050.1316
65	KGVCIW.065.4126	KGVCIW.065.4116B	KGVCIW.065.1316
80	KGVCIW.080.4126	KGVCIW.080.4116B	KGVCIW.080.1316
100	KGVCIW.100.4126	KGVCIW.100.4116B	KGVCIW.100.1316
125	KGVCIW.125.4126	KGVCIW.125.4116B	KGVCIW.125.1316
150	KGVCIW.150.4126	KGVCIW.150.4116B	KGVCIW.150.1316
200	KGVCIW.200.4126	KGVCIW.200.4116B	KGVCIW.200.1316
250	KGVCIW.250.4126	KGVCIW.250.4116B	KGVCIW.250.1316
300	KGVCIW.300.4126	KGVCIW.300.4116B	KGVCIW.300.1316
350	KGVCIW.350.4126	KGVCIW.350.4116B	
400	KGVCIW.400.4126	KGVCIW.400.4116B	

BIGGER SIZES AND ATEX MARK ON REQUEST.

2-PCS BALL VALVE. PN-16. CAST IRON. FLANGED ENDS DIN PN-16 WITH 1-PHASE ELECTRIC ACTUATOR

BODY: CAST IRON GJL250

BALL: S.STEEL 304

STEM: S.STEEL 304

SEATS & PACKING : PTFE

STEM O'RING : FKM (VITON)



MULTI VOLTAGE ELECTRIC ACTUATOR 1/4 TURN 24 to 240VDC / VAC. IP67

DN	CODE	ACTUATOR
15	BVCI.015.4215	J2 L/H 10
20	BVCI.020.4215	J2 L/H 10
25	BVCI.025.4215	J4CS20
32	BVCI.032.4215	J4CS20
40	BVCI.040.4215	J4CS35
50	BVCI.050.4215	J4CS55
65	BVCI.065.4215	J4CS85
80	BVCI.080.4215	J4CS140
100	BVCI.100.4215	J4CS 300
125	BVCI.125.4215	J4CS 300
150	BVCI.150.4215	J4CS 300
200	BVCI.200.4215	ON REQUEST



All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

2Pcs BALL VALVE. C.STEEL. FLANGED PN16 WITH 1-PHASE ELECTRIC ACTUATOR

BODY: A-216 WCB

BALL: S.STEEL 316

SEATS: PTFE

PACKING: PTFE



2Pcs BALL VALVE. S.STEEL. FLANGED PN16 WITH 1-PHASE ELECTRIC ACTUATOR

BODY: S.STEEL CF8M

BALL: S.STEEL 316

SEATS: PTFE

PACKING: PTFE



MULTI VOLTAGE ELECTRIC ACTUATOR QUARTER TURN OPERATES FROM 24 to 240VDC / VAC. IP67

DN	CODE WCB	ACTUATOR	CODE SS CF8M	ACTUATOR
15	BVCS.015.3215	J4CS20	BVSS.015.1215	J4CS20
20	BVCS.020.3215	J4CS20	BVSS.020.1215	J4CS20
25	BVCS.025.3215	J4CS20	BVSS.025.1215	J4CS20
32	BVCS.032.3215	J4CS35	BVSS.032.1215	J4CS35
40	BVCS.040.3215	J4CS35	BVSS.040.1215	J4CS35
50	BVCS.050.3215	J4CS55	BVSS.050.1215	J4CS55
65	BVCS.065.3215	J4CS55	BVSS.065.1215	J4CS55
80	BVCS.080.3215	J4CS85	BVSS.080.1215	J4CS85
100	BVCS.100.3215	J4CS 140	BVSS.100.1215	J4CS 140
125	BVCS.125.3215	J4CS 300	BVSS.125.1215	J4CS 300
150	BVCS.150.3215	J4CS 300	BVSS.150.1215	J4CS 300
200	BVCS.200.3215	ON REQUEST	BVSS.200.1215	ON REQUEST

All the applications are calculated according to the valve torque at its maximum working pressure and considering a lubricated fluid. For another type of fluid (dust, gas, solids, etc.) please consult.

ELECTRIC VALVES

TF-BVSS-T-EA



2 & 3-PCS BALL VALVE.PN63. S.STEEL. SCREW ENDS BSP WITH 1-PHASE ELECTRIC ACTUATOR

BODY: S.STEEL CF8M

STEM: S.STEEL 316

BALL: S.STEEL 316

SEATS & PACKING : PTFE

MULTI VOLTAGE ELECTRIC ACTUATOR 1/4 TURN 24 to 240VDC / VAC. IP67

DN	CODE	ACTUATOR
1/4"	2PBV.006.175G	J2 L/H 10
3/8"	2PBV.010.175G	J2 L/H 10
1/2"	2PBV.015.175G	J2 L/H 10
3/4"	2PBV.020.175G	J4CS20
1"	2PBV.025.175G	J4CS20
1 1/4"	2PBV.032.175G	J4CS20
1 1/2"	2PBV.040.175G	J4CS35
2"	2PBV.050.175G	J4CS55

DN	CODE	ACTUATOR
1/4"	3PBV.006.175G	J2 L/H 10
3/8"	3PBV.010.175G	J2 L/H 10
1/2"	3PBV.015.175G	J2 L/H 10
3/4"	3PBV.020.175G	J4CS20
1"	3PBV.025.175G	J4CS20
1 1/4"	3PBV.032.175G	J4CS20
1 1/2"	3PBV.040.175G	J4CS35
2"	3PBV.050.175G	J4CS55
2 1/2"	3PBV.065.175G	J4CS55
3"	3PBV.080.175G	J4CS85
4"	3PBV.100.175G	J4CS 140



BSP THREAD



BSP THREAD - WELD BW / SW

TF-3WBVSS-EA



3-WAYS BALL VALVE.PN-40. S.STEEL. SCREW ENDS BSP WITH 1-PHASE ELECTRIC ACTUATOR

BODY: S.STEEL CF8M

STEM: S.STEEL 316

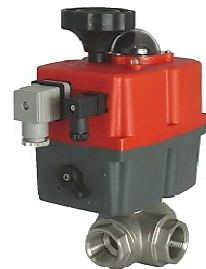
BALL: S.STEEL 316

SEATS & PACKING : PTFE

L & T PORT

MULTI VOLTAGE ELECTRIC ACTUATOR 24 to 240VDC / VAC. IP67

DN	CODE L PORT	CODE T PORT	ACTUATOR
1/4"	3WBVSS.006.175L	3WBVSS.006.175T	J4CS20
3/8"	3WBVSS.010.175L	3WBVSS.010.175T	J4CS20
1/2"	3WBVSS.015.175L	3WBVSS.015.175T	J4CS20
3/4"	3WBVSS.020.175L	3WBVSS.020.175T	J4CS20
1"	3WBVSS.025.175L	3WBVSS.025.175T	J4CS35
1 1/4"	3WBVSS.032.175L	3WBVSS.032.175T	J4CS55
1 1/2"	3WBVSS.040.175L	3WBVSS.040.175T	J4CS55
2"	3WBVSS.050.175L	3WBVSS.050.175T	J4CS85



TF-BV-BR-EA



BODY: BRASS CW617N

BALL: S.STEEL 304

STEM: BRASS CW617N

SEATS: PTFE

DN	CODE NO 24 AC/DC	CODE NC 24 AC/DC
1/2"	BVRNA.015.125G	BVRNC.015.125G
3/4"	BVRNA.020.125G	BVRNC.020.125G
1"	BVRNA.025.125G	BVRNC.025.125G
DN	CODE NO 230 AC	CODE NC 230 AC
1/2"	BVRNA.015.126G	BVRNC.015.126G
3/4"	BVRNA.020.126G	BVRNC.020.126G
1"	BVRNA.025.126G	BVRNC.025.126G



BODY: S.STEEL CF8M

BALL: S.STEEL 316

STEM: S.STEEL 316

SEATS: PTFE

CODE NO 24 AC/DC	CODE NC 24 AC/DC
BVSSNA.015.175G	BVSSNC.015.175G
BVSSNA.020.175G	BVSSNC.020.175G
BVSSNA.025.175G	BVSSNC.025.175G
CODE NO 230 AC	CODE NC 230 AC
BVSSNA.015.176G	BVSSNC.015.176G
BVSSNA.020.176G	BVSSNC.020.176G
BVSSNA.025.176G	BVSSNC.025.176G

TF-BV-SS-EA

**PRESSURE GAUGE Ø 63 S.STEEL BOX INTERNAL BRASS TYPE MGS-10**

Pressure gauge, box SS internal organ brass, 1/4" Thread BSP Kl.1,6% Radial exit
SCALE from 1 to 400 Bar

MGS10/2/A

DRY

MGS10/3/A

GLYCERIN



MGS-10

**PRESSURE GAUGE Ø 100 S.STEEL BOX INTERNAL BRASS TYPE MS4**

Pressure gauge, box SS internal organ brass, 1/2" Thread BSP Kl.1,6% Radial exit
SCALE from 1 to 60 Bar

MS4/2/A

DRY

MS4/3/A

GLYCERIN



MS4

**PRESSURE GAUGE Ø100 COMPLETE MADE IN S. STEEL TYPE MGS-44**

Pressure gauge SS, ATEX, 1/2" Thread BSP Kl.1,6% Radial exit
SCALE from 1 to 400 Bar

MGS44/2/A

DRY

MGS44/3/A

GLYCERIN



MGS-44

**BIMETALLIC THERMOMETER COMPLETE MADE IN S.STEEL HORIZONTAL TYPE TB-7**

Thermometer bimetallic totally stainless steel 1/2" BSP
Precision 2.0 according EN 13190, protection IP55 Ø 100 bulb length 100 mm.
SCALE -20...500° C

TB7



TB-7

**PRESSURE GAUGE Ø 63 COMPLETE MADE IN S. STEEL TYPE MGS-18**

Pressure gauge Totally SS, 1/4" BSP Kl.1,6% Radial exit
SCALE -1 a 400 Bar

MGS18/2/A

DRY

MGS18/3/A

GLYCERIN

MGS-18

**PROCES PRESSURE GAUGE COMPLETE IN S. STEEL Ø 100 TYPE MGS-18**

Pressure gauge totally Stainless Steel, 1/2" BSP Kl.1% Radial exit
SCALE from 0 to 40 Bar

MGS18/2/A

DRY

MGS18/3/A

GLYCERIN



MGS-18

**PRESSURE TRANSMITTER COMPACT TYPE ST-2**

Totally Stainless steel AISI-316L protection IP-65,
Precision + - 0,35% SIGNAL 4...20mA
SCALE from 0 to 60 Bar

ST2



ST-2

**PRESSURE TRANSMITTER PIEZORESISTIVE SENSOR TYPE ST-09**

Completely stainless steel, parts in contact AISI-316L, protection IP-68, sensitive element 316L
Precision + - 0,35% SIGNAL 4...20mA
SCALE from 0 to 60 Bar

ST09



ST-09

OTHER CONSTRUCTIONS AND SCALES ON REQUEST / SEPARATORS ON REQUEST

GAUGE VALVE BRASS PN-16 BSP - WITH CHECK FLANGE

BODY: BRASS

SEAT: BRASS

DN	CODE M-F
1/4"	NVBRASS-T
1/2"	NVBRASS-T



WITH FLANGE

NVBRASS-FC-T

NVBRASS-FC-T



NEEDLE VALVE 6000 Lbs. WITH PURGE S. STEEL 316 M-F FOR PRESSURE GAUGES

BODY and NEEDLE: S.STEEL A182 F316

PACKING: PTFE

DN	M-F S.STEEL
1/4"	NVSS-PG-T
1/2"	NVSS-PG-T



NEEDLE VALVE 3000 Lbs. CARBON STEEL - STAINLESS STEEL ENDS BSP/NPT/SW

BODY: A-105 / S.STEEL 316

SEAT: S.STEEL 316

STEM: S.STEEL 316

PACKING: PTFE or GRAPHITE

DN	STEEL	S.STEEL
1/4"	NVCS-T	NVSS-T
3/8"	NVCS-T	NVSS-T
1/2"	NVCS-T	NVSS-T
3/4"	NVCS-T	NVSS-T
1"	NVCS-T	NVSS-T
1 1/4"	NVCS-T	NVSS-T
1 1/2"	NVCS-T	NVSS-T
2"	NVCS-T	NVSS-T
2 1/2"	NVCS-T	NVSS-T
3"	NVCS-T	NVSS-T
4"	NVCS-T	NVSS-T



AVAILABLE:

DUPLEX and SUPERDUPLEX S.STEEL

FLANGE CONNECTION DIN PN-16/40 & ANSI 150/300# ON REQUEST



STRAIGHT SIPHON PIPE FOR PRESSURE GAUGES BSP THREADED

MATERIAL: S. STEEL 316 PIPE Sch.40 NO WELDING

SUPPLY WITH CONNECTION FITTING FEMALE FOR PRESSURE GAUGE CONNECTION

DN	CODE
1/2"	LIR-SS



MATERIAL: CARBON STEEL PIPE Sch.80 NO WELDING

SUPPLY WITH CONNECTION FITTING FEMALE FOR PRESSURE GAUGE CONNECTION

DN	CODE
1/2"	LIR-CS



TEMPERATURE SENSOR PT-100 HEAD ALUMINIUM DIN BR.**RESISTANCE TERMOMETER:** PT100 (CLASS B) 3-WIRE**HEAD DIN BR:** PAINTED ALUMINUM ALLOY 80mm. SUITABLE FOR CONVERTER.**THREAD:** 1/2" BSP**PROCESS CONNECTION:** SLIDING MALE G 1/2" S.STEEL 316**RACORD:** S.STEEL 316**DIAMETER:** 6mm**SCALE:** -200 + 600°C**MÁX. WORKING PRESSURE:** 16 Bar**AVAILABLE LENGTH:**

L=100mm

L=250mm

L=400mm

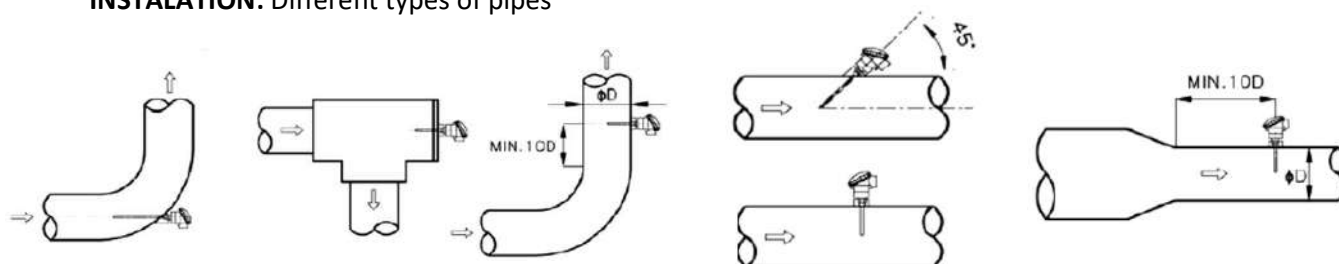
INTERNAL REMOVABLE ELEMENT: DIAMETER 4mm. READY TO CONVERTER HEAD**WIRE ENTRY:** G1/2"

DN	CODE
1/2"	TS-PT100-100
1/2"	TS-PT100-250
1/2"	TS-PT100-400

OTHER LENGH, Ex HEAD ON REQUEST**CONVERT TERMOCOUPLE FOR SENSOR TF-TS-PT100 4-20mA****PROGRAMMABLE WORKING RANGE:** -200 + 650°C**OUTPUT:** 4-20mA**2 OR 3-WIRE PT100 WITH LINEARIZATION.****POWER SUPPLY:** 12 a 24 VDC**ACCURACY:** +- 0,2%**WORKING TEMPERATURE:** -20 + 50°C**DIMENSIONS:** 44mm (Diameter) x H: 25mm.**INCLUDES TERMINALS**

DN	CODE
1/2"	CTS-PT100

DN	CODE
1/2"	MOUNT

Head converter mounting supplement**INSTALATION:** Different types of pipes

LEVEL GAUGE COCK TYPE FLANGED PN-40**GAUGE COCK: CARBON STEEL**

DN	FLANGED PN40
15	LGC-F.015
20	LGC-F.020
25	LGC-F.025

SPIGOT SPARE PART: Ø16

LENGTH	Ø16 PC
35mm	SP1635
57,5mm	SP1657
72mm	SP1672
100mm	SP16100

***SPIGOTS FOR RSLG y RSLG LEVELS PN-64, MOUNT IN LEVEL 2 Pcs. Extra = 20,00.-€****REFLEX LEVEL GAUGE PN-40 / PN-64****BODY: CARBON STEEL****S.STEEL SPIGOTS Ø16 Length 60mm.****GLASS: BOROSILICATE**

No.	PN-40
T3	RSLGT3285
T4	RSLGT4310
T5	RSLGT5340
T6	RSLGT6370
T7	RSLGT7400
T8	RSLGT8440
T9	RSLGT9460
No.	PN-64
T5	RSLG-64T5340
T6	RSLG-64T6370
T7	RSLG-64T7400

**BOROSILICATE GLASSES PLAIN AND FLUTED WITH GASKET TYPE A, TYPE B AND MICA****GLASS: BOROSILICATE****GASKET: 1 FIBERS, 1 GRAPHITE****TYPE A: 30mm.****TYPE B: 34mm.**

LENGTH	FLUTED		PLAIN	
	CODE TYPE A	CODE TYPE B	CODE TYPE A	CODE TYPE B
115	BRG-A115	BRG-B115	BTG-A115	BTG-B115
140	BRG-A140	BRG-B140	BTG-A140	BTG-B140
165	BRG-A165	BRG-B165	BTG-A165	BTG-B165
190	BRG-A190	BRG-B190	BTG-A190	BTG-B190
220	BRG-A220	BRG-B220	BTG-A220	BTG-B220
250	BRG-A250	BRG-B250	BTG-A250	BTG-B250
280	BRG-A280	BRG-B280	BTG-A280	BTG-B280
320	BRG-A320	BRG-B320	BTG-A320	BTG-B320
340	BRG-A340	BRG-B340	BTG-A340	BTG-B340

SEALING GASKETS FOR FLANGES DIN RF

FIBER GASKET CUT ACCORDING EN 1514-1 IBC / DIN 2690 PN 10 THICKNESS 2 mm. RF

DN	CODE
15	01J.015.9400D
20	01J.020.9400D
25	01J.025.9400D
32	01J.032.9400D
40	01J.040.9400D
50	01J.050.9400D
65	01J.065.9400D
80	01J.080.9400D
100	01J.100.9400D
125	01J.125.9400D
150	01J.150.9400D
200	01J.200.9400D

PN25 - PN40 - PN63 - PN100 ON REQUEST

FIBER GASKET FOR WATER
GENERAL SERVICES



Gasket made from fiber and aramid mixing
with NBR high quality.

TF-9400

FIBER GASKET CUT ACCORDING EN 1514-1 IBC / DIN 2690 PN 10 THICKNESS 2 mm. RF

DN	CODE
15	01J.015.9600D
20	01J.020.9600D
25	01J.025.9600D
32	01J.032.9600D
40	01J.040.9600D
50	01J.050.9600D
65	01J.065.9600D
80	01J.080.9600D
100	01J.100.9600D
125	01J.125.9600D
150	01J.150.9600D
200	01J.200.9600D

PN25 - PN40 - PN63 - PN100 ON REQUEST

FIBER GASKET FOR INDUSTRY
GAS APPLICATIONS



Gasket made from fiber and aramid mixing
with NBR high quality.

TF-9600

GRAPHITE GASKET CUT ACCORDING EN 1514-1 IBC / DIN 2690 PN 10 THICKNESS 2 mm. RF

DN	CODE
15	01J.015.9000RR
20	01J.020.9000RR
25	01J.025.9000RR
32	01J.032.9000RR
40	01J.040.9000RR
50	01J.050.9000RR
65	01J.065.9000RR
80	01J.080.9000RR
100	01J.100.9000RR
125	01J.125.9000RR
150	01J.150.9000RR
200	01J.200.9000RR

PN25 - PN40 - PN63 - PN100 ON REQUEST

EXPANDED GRAPHITE GASKET REINFORCED WITH SS 316 CORE
HIGHT TEMPERATURE APPLICATIONS: STEAM AND THERMAL OIL



Gasket made from expanded graphite (98%) purity
Reinforced with a 0,1mm thick tanged SS316 core

TF-9000RR

BIGGER SIZES AND CUT ACCORDING TO CUSTOMER DRAWING ON REQUEST

SEALING GASKETS

TF-NBR-G

SEALING GASKETS FOR FLANGES DIN RF

RUBBER GASKET NBR & EPDM CUT ACC. EN 1514-1 IBC / DIN 2690 PN 10 THICKNESS 2 mm. RF

DN	CODE NBR	CODE EPDM
15	01J.015.NBRG	01J.015.EPDMG
20	01J.020.NBRG	01J.020.EPDMG
25	01J.025.NBRG	01J.025.EPDMG
32	01J.032.NBRG	01J.032.EPDMG
40	01J.040.NBRG	01J.040.EPDMG
50	01J.050.NBRG	01J.050.EPDMG
65	01J.065.NBRG	01J.065.EPDMG
80	01J.080.NBRG	01J.080.EPDMG
100	01J.100.NBRG	01J.100.EPDMG
125	01J.125.NBRG	01J.125.EPDMG
150	01J.150.NBRG	01J.150.EPDMG
200	01J.200.NBRG	01J.200.EPDMG

PN10/40
PN10/16

RUBBER GASKET NBR & EPDM
WATER SERVICE / WATER WASTE



Gasket made from nitrile rubber
Suitable for applications whit oils, fats and hydrocarbons.

PN25 - PN40 - PN63 - PN100 ON REQUEST

TF-PTFE-G

PTFE VIRGIN GASKET CUT ACCORDING EN 1514-1 IBC / DIN 2690 PN 10 THICKNESS 2 mm. RF

DN	CODE
15	01J.015.PTFEV
20	01J.020.PTFEV
25	01J.025.PTFEV
32	01J.032.PTFEV
40	01J.040.PTFEV
50	01J.050.PTFEV
65	01J.065.PTFEV
80	01J.080.PTFEV
100	01J.100.PTFEV
125	01J.125.PTFEV
150	01J.150.PTFEV
200	01J.200.PTFEV

PN10/40
PN10/16

100% PTFE VIRGIN
CHEMICAL INDUSTRY APPLICATION



Gasket made in PTFE virgin
Resistant to most chemical products

PN25 - PN40 - PN63 - PN100 ON REQUEST

TF-SWG

SPIRAL WOUND GASKET ACCORDING EN 1514-2 / DIN 2690 RF WITH CENTER RING

DN	CODE
15	01J.015.SWG
20	01J.020.SWG
25	01J.025.SWG
32	01J.032.SWG
40	01J.040.SWG
50	01J.050.SWG
65	01J.065.SWG
80	01J.080.SWG
100	01J.100.SWG
125	01J.125.SWG
150	01J.150.SWG
200	01J.200.SWG

PN10/40
PN10/16

SPIRAL WOUND S.STEEL 316L/ GRAPHITE
EXTERNAL RING CENTER CARBON STEEL



Standar ring coating green
Construction PN-10 to PN-160

OTHER CONSTRUCTIONS, SIZES, MATERIALS AND RATINGS ON REQUEST

SAFETY VALVES



NEW

SAFETY AND RELIEF VALVES BSP/NPT THREADED

MATERIAL: S.STEEL CF3M (316L)

WITH AND WITHOUT LEVER ACORDING TO FLUID

CONNECTION BSP / NPT THREADED

Available from 1/2" to 2" BSP thread

Available from 1/2" to 2" NPT thread

Model S-1216CRY FOR CRYOGENIC SERVICE, intermedited body closed.



S-1216



SAFETY VALVES CLAMP CONNECTION

MATERIAL: S.STEEL CF3M (316L)

WITH AND WITHOUT LEVER ACORDING TO FLUID

CONNECTION CLAMP/ CLAMP - THREAD BSP / CLAMP

CLAMP / CLAMP Available from DN-15 to DN-40

CONNECTION CLAMP/ THREAD BSP DN15 to 11/2"

Intermediated body closed



S-1216-C



NEW

SAFETY AND RELIEF VALVES BSP/NPT THREADED DUPLEX MATERIAL

MATERIAL: S.STEEL DUPLEX or SUPERDUPLEX

WITH AND WITHOUT LEVER ACORDING TO FLUID

CONNECTION BSP / NPT THREADED

Available from 1/2" to 2" BSP thread

Available from 1/2" to 2" NPT thread

Intermediated body closed

S-1216-DX



SAFETY VALVES FLANGED DIN PN-16/25/40/63/100

MATERIALS: DUCTILE IRON - CARBON STEEL - S.STEEL CF3M (316L)

WITH AND WITHOUT LEVER ACORDING TO FLUID / BELLOW ACORDING BACK PRESSUSE

FLANGE CONNECTION DIN PN16 / PN25 / PN40 / PN63 / PN100

DIN PN16 DN15 to DN400 / PN-63 / PN-100 DN15 to DN65

Availables ANSI 150# / 300#RF 1/2" to 1"

Intermediated body closed /open



S-1400



SAFETY VALVES FLANGED ANSI 150/300/600/900/1500/1500 Lbs.

MATERIALS: CARBON STEEL - S.STEEL CF3M (316L)

WITH AND WITHOUT LEVER ACORDING TO FLUID / BELLOW ACORDING BACK PRESSUSE

FLANGE CONNECTION ANSI 150 / 300 / 600 / 900 / 1500 / 2500#

Availables ANSI 150# / 300#RF 1/2" to 12"

Availables ANSI 600# / 900 / 1500 / 2500#

Intermediated body closed /open



S-1415



SAFETY VALVES LINED ECTFE DIN/ANSI

MATERIALS: CARBON STEEL - S.STEEL CF3M (316L)

WITH AND WITHOUT LEVER ACORDING TO FLUID / BELLOW ACORDING BACK PRESSUSE

FLANGE CONNECTION ANSI 150 / 300 / 600 / 900 / 1500 / 2500#

Availables ANSI 150# / 300#RF 1/2" to 12"

Availables ANSI 600# / 900 / 1500 / 2500#

Internal lined / internal and external lined.



S-ECTFE



SAFETY VALVES FOR LOW PRESSURES DIN/ANSI

MATERIALS: DUCTILE IRON - CARBON STEEL - S.STEEL CF3M (316L)

Pressure Range 5mBar - 200mBar

FLANGE CONNECTION DIN / ANSI

Availables DIN PN16 DN25 to DN400

Availables ANSI 150# de 1" to 12"



S-LP

THERMODYNAMIC STEAM TRAP WITH STRAINER THREADED BSP / FLANGED PN40

BODY: STEEL A-105

TRIM: S.STEEL

DN	CODE BSP
1/2"	TST-T
3/4"	TST-T
1"	TST-T

DN	FLANGED PN40
15	TST-F
20	TST-F
25	TST-F



FLOAT STEAM TRAP BSP THREAD / FLANGED PN-16 Δp 4,5 - Δp 10 - Δp 14 Bar

BODY: DUCTILE IRON GGG-40.3

TRIM: S.STEEL

HORIZONTAL MOUNT

THERMOSTATIC CAPSULE FOR AIR ELIMINATION

DN-32 TO DN-50 WITH GLASS MADE IN BOROSILICATE.

DN	BSP THREAD
1/2"	FST-T
3/4"	FST-T
1"	FST-T

DN	FLANGED PN16
15	FST-F
20	FST-F
25	FST-F

DN	FLANGED PN16
32	FST-SG-F
40	FST-SG-F
50	FST-SG-F



VERTICAL MOUNT ON REQUEST

FLOAT STEAM TRAP BSP THREAD / FLANGED PN-25 Δp 4,5 - Δp 10 - Δp 14 Bar

BODY: S.STEEL CF8M

TRIM: S.STEEL

HORIZONTAL MOUNT

THERMOSTATIC CAPSULE FOR AIR ELIMINATION

DN	BSP THREAD
1/2"	FST-SS-T
3/4"	FST-SS-T
1"	FST-SS-T

DN	FLANGED PN25
15	FST-SS-T
20	FST-SS-T
25	FST-SS-T

VERTICAL MOUNT ON REQUEST



ACCESSORIES FOR VALVES

LIMIT SWITCH BOX (ALUMINIUM) IP-67 WITH S.STEEL ADJUSTABLE BRACKET FOR ACTUATOR



BOX: ALUMINIUM + EPOXY

SWITCHES: 2 SPDT

BRACKET: S.STEEL MULTI-ACTUATOR

CODE

LSB-EM



TF-LSB-EM

LIMIT SWITCH BOX ATEX IP-65 WITH INDUCTIVE SWITCHES, S.STEEL BRACKETS FOR ACTUATOR



II 2GD EEXIA IIC T6

SWITCHES: INDUCTIVE P&F NJ2-V3-N

BRACKET: S.STEEL MULTI-ACTUATOR

CODE

LSB-1IND

LSB-2IND

TF-LSB-IND

SOLENOID VALVE NAMUR TYPE 3/2 - 5/2 WAY, FOR ACTUATORS



BODY: ALUMINIUM

CONNECTION: 1/4" BSP

COIL: 24 VCC - 220 VAC

CODE

SV-5/2

PLACA 3/2



TF-SV

SOLENOID VALVE EexialICT6 24vdc >37mA NAMUR TYPE 3/2 - 5/2 WAY.



BODY: ALUMINUM

CONNECTION: 1/4" BSP

CODE

SIL

S.STEEL SOLENOID VALVES - Exm - Exd - ATEX ON REQUEST

TF-SIL

ROTATIVE POSITIONER FOR PNEUMATIC ACTUATORS



PNEUMATIC POSITIONES 3-15psi YT-1200

ELECTROPNEUMATIC POSITIONER 4/20mA YT-1000

CODE

POS-YT1200

POS-YT1000



POSITIONER Eexi ATEX ON REQUEST - MOUNT NOT INCLUDED

TF-POS

TECFLOW DOUBLE AND SPRING RETURN ACTION PNEUMATIC ACTUATORS



BODY: ANODIZED ALUMINIUM

STEM: STEEL

PISTON: ALUMINIUM FORGED

ENDS: ALUMINIUM FORGED

SEATS: PTFE

GASKET: BUNA



DOUBLE ACTION	S.RETURN
AT-042D	N/A
AT-050D	AT-050S
AT-063D	AT-063S
AT-075D	AT-075S
AT-088D	AT-088S
AT-100D	AT-100S
AT-115D	AT-115S
AT-125D	AT-125S
AT-145D	AT-145S
AT-160D	AT-160S
AT-190D	AT-190S
AT-210D	AT-210S

PNEUMATIC ACTUATORS PTFE LINED AND MADE IN S. STEEL ON REQUEST

TF-PNA

ACCESSORIES FOR VALVES

TF-BFV-GO

GEAR BOX FOR TECFLOW BUTTERFLY VALVES

DN	CODE	ISO 5211	□ STEM
40-50	RED.080.F5-C9	F05	9 mm.
65	RED.080.F5-C9	F05	9 mm.
80	RED.080.F5-C9	F05	9 mm.
100	RED.100.F7-C11	F07	11 mm.
125	RED.150.F7-C14	F07	14 mm.
150	RED.150.F7-C14	F07	14 mm.
200	RED.200.F7-C17	F07	17 mm.
250	RED.250.F10-C22	F10	22 mm.
300	RED.300.F10-C22	F10	22 mm.



EXTRA BOX LSB-EM

RED.080.LSB
RED.080.LSB
RED.080.LSB
RED.100.LSB
RED.150.LSB
RED.150.LSB
RED.200.LSB
RED.250.LSB
RED.300.LSB

TF-DGO

DECLUTCHABLE GEAR-BOX FOR PNEUMATIC ACTUATOR

CODE	Torque Nm	ISO 5211	□ ACTUATOR	□ VALVE
DGO-050	300	F05/F07	14 mm.	Star 17mm.
DGO-102	810	F10/F12	22 mm.	Star 27mm.
DGO-140	1.310	F14	27 mm.	Star 36mm.
DGO-165	2.800	F16	36 mm.	Star 36mm.
DGO-254	5.500	F16/F25	46 mm.	Ø64,5mm



TF-BFV-LSB

LIMIT SWITCH BOX IP-67 WITH S. STEEL BRACKET TO TECFLOW BUTTERFLY VALVES



BOX: ALUMINIUM + EPOXY

SWITCHES: 2 SPDT

BRACKET: S.STEEL FOR TECFLOW BUTTERFLY VALVE

CODE

BFV-LSB

INDUCTIVE SWITCHES, ATEX, ON REQUEST.

TF-DML

"DEAD MAN" LEVER

VALVES OF 1/4 TURN: BALL AND BUTTERFLY



CODE

DML

DML-ATEX

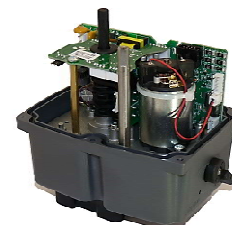


TF-EA

ACCESSORIES FOR 1-PHASE ELECTRIC MOTORS



MODEL	MULTI - VOLTAGE
J4CS 20	24 to 240 VAC/VDC
J4CS 35	24 to 240 VAC/VDC
J4CS 55	24 to 240 VAC/VDC
J4CS 85	24 to 240 VAC/VDC
MODEL	MULTI - VOLTAGE
J4C L 140	24 VAC/VDC
J4C H 140	85 to 240 VAC/VDC
J4C L 300	24 VAC/VDC
J4C H 300	85 to 240 VAC/VDC



ACCESSORIES J4C MOTORS

DPS 2015 (digital positioner for J4cS series).

DPS 2005 (digital positioner for J4c series).

BSR 2015 (Emergency return system for battery J4cS series).

BSR (Emergency return system for battery J4cS series).

DIGITAL POTENTIOMETER for all models.

3 POSITION configuration (0°-45°-90° or 0°-90°-180°) for all models.

FM/UL/CE LIMIT SWITCHES FOR OS&Y GATE VALVES

LIMIT SWITCHES BOX SPDT
PROTECTION IP-67

CODE	SWITCHES
LSB.FM.1	1 SPDT
LSB.FM.2	2 SPDT



TF-LSB-FM

LIMIT SWITCH CE HOMOLOGATED FOR NRS GATE VALVES

LIMIT SWITCH SPDT
PROTECTION IP-67

CODE	SWITCH
LS.CE.1	1 SPDT



TF-LS-CE

PRESSURE SWITCH FM/UL/CE WITH 1 OR 2 SWITCHES SCREWED NPT

CONNECTION MALE SCREWED NPT 1/2"

DN	CODE	SWITCH	RANGE
1/2"	PS.FM.1	1 SWITCH	0,27 to 0,55 Bar
1/2"	PS.FM.2	2 SWITCHES	0,27 to 0,55 Bar
1/2"	PS.FM.1.07	1 SWITCH	0,7 to 4,1 Bar
1/2"	PS.FM.2.07	2 SWITCHES	0,7 to 4,1 Bar



TF-PS-FM

WATERFLOW ALARM SWITCH WITH PADDLE FM/UL/CE WITH 1 SWITCH SPDT

HORIZONTAL or VERTICAL INSTALLATION
CONNECTION SCREWED BSP

CODE	SWITCH	Ø PIPE
LFS.FM.1C	1 SWITCH	1" to 1 1/2"



TF-LFS-FM-1C

WATERFLOW ALARM SWITCH WITH PADDLE FM/UL/CE WITH 2 SWITCHES SPDT

HORIZONTAL or VERTICAL INSTALLATION
CONEXIÓN A TUBERIA MEDIANTE ABRAZADERA
WORKING PRESSURE: 450 psi
PROTECTION: INTERNAL AND EXTERNAL EPOXY COATING
WORKING TEMPERATURE: 0-68°C
FLOW RANGE: 4-10 GPM (15-38LPM)

DN	CODE	SWITCHES	Ø PIPE
2"	LFS.FM.2C.050	2 SWITCHES	2"
2 1/2"	LFS.FM.2C.065	2 SWITCHES	2 1/2"
3"	LFS.FM.2C.080	2 SWITCHES	3"
4"	LFS.FM.2C.100	2 SWITCHES	4"
5"	LFS.FM.2C.125	2 SWITCHES	5"
6"	LFS.FM.2C.150	2 SWITCHES	6"
8"	LFS.FM.2C.200	2 SWITCHES	8"



TF-LFS-FM-2C

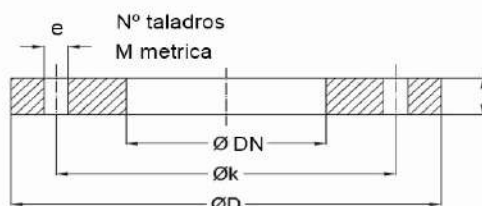


FLANGE DIMENSIONS

DIN PN10						
DN	ND	D	K	Øe	Nº	M
32	11/4"	140	100	18	4	16
40	11/2"	150	110	18	4	16
50	2"	165	125	18	4	16
65	2 1/2"	185	145	18	4	16
80	3"	200	160	18	4	16
100	4"	220	180	18	8	16
125	5"	250	210	18	8	16
150	6"	285	240	23	8	20
200	8"	340	295	23	8	20
250	10"	395	350	23	12	20
300	12"	445	400	23	12	20
350	14"	505	460	23	16	20
400	16"	565	515	27	16	24
450	18"	615	565	27	20	24
500	20"	670	620	27	20	24
600	24"	780	725	30	20	27
700	28"	895	840	30	24	27
800	32"	1015	950	33	24	30
900	36"	1115	1050	33	28	30
1000	40"	1230	1160	36	28	33
1200	48"	1455	1380	39	32	36

DIN PN16				
D	K	Øe	Nº	M
140	100	18	4	16
150	110	18	4	16
165	125	18	4	16
185	145	18	4	16
200	160	18	8	16
220	180	18	8	16
250	210	18	8	16
285	240	23	8	20
340	295	23	12	20
405	355	27	12	24
460	410	27	12	24
520	470	27	16	24
580	525	30	16	27
640	585	30	20	27
715	650	33	20	30
804	770	36	20	33
910	840	36	24	33
1025	950	39	24	36
1125	1050	39	28	36
1255	1170	42	28	39
1485	1390	48	32	45

DIN PN25				
D	K	Øe	Nº	M
140	100	18	4	16
150	110	18	4	16
165	125	18	4	16
185	145	18	8	16
200	160	18	8	16
235	190	23	8	20
270	220	27	8	24
300	250	27	8	24
360	310	27	12	24
425	370	30	12	27
485	430	30	16	27
555	490	33	16	30
620	550	36	16	33
670	600	36	20	33
730	660	36	20	33
845	770	39	20	36
960	875	42	24	39
1085	990	48	24	45
1185	1090	48	28	45
1320	1210	56	28	52
1530	1420	56	32	52



ANSI 150#						
DN	ND	D	K	Øe	Nº	M
32	1 1/4"	117,5	88,9	16	4	14
40	1 1/2"	127,0	98,4	16	4	14
50	2"	152,4	120,7	19	4	16
65	2 1/2"	177,8	139,7	19	4	16
80	3"	190,5	152,4	19	4	16
100	4"	228,6	190,5	19	8	16
125	5"	254,0	215,9	23	8	20
150	6"	279,4	241,3	23	8	20
200	8"	342,9	298,4	23	8	20
250	10"	406,4	361,9	25	12	22
300	12"	482,6	431,8	25	12	22
350	14"	533,4	476,2	30	12	27
400	16"	596,9	539,7	30	16	27
450	18"	635,0	577,8	33	16	30
500	20"	698,5	635,0	33	20	30
600	24"	812,8	749,3	36	20	33
700	28"	927,1	863,6	36	28	33
800	32"	1080,5	977,9	43	28	39
900	36"	1168,4	1085,8	43	32	39
1000	40"	1289,1	1200,2	43	36	39
1200	48"	1511,3	1422,4	43	44	39

ANSI 300#				
D	K	Øe	Nº	M
133,3	98,4	19	4	15,9
155,6	114,3	22,2	4	19
165,1	127	19	8	15,9
190,5	149,2	22,2	8	19
209,5	168,3	22,2	8	19
254	200	22,2	8	19
279,4	234,9	22,2	8	19
317,5	269,9	22,2	12	19
381	330,2	25,4	12	22,2
444,5	387,3	28,6	16	25,4
520,7	450,8	31,7	16	28,6
584,2	514,3	31,7	20	28,6
647,7	571,5	34,9	20	31,7
711,2	628,6	34,9	24	31,7
774,7	685,8	34,9	24	31,7
914,4	812,8	41,3	24	38,1

ND	DN
1 1/4"	32
1 1/2"	40
2"	50
2 1/2"	65
3"	80
4"	100
5"	125
6"	150
8"	200
10"	250
12"	300
14"	350
16"	400
18"	450
20"	500
24"	600



ISO 9001
BUREAU VERITAS
Certification

GENERAL SALE TERMS

1. GENERAL.

Sales and supplies to be made by VALVESEAL, S.L. (hereinafter, Seller) shall be governed by these General Conditions of Sale, except where expressly agreed otherwise in the corresponding quotation or order acceptance, as particular conditions thereof. All other conditions not previously accepted by Seller shall not be valid and shall have no legal effect.

It shall be understood that Buyer knows these General Conditions of Sale from the moment at which their submission by Seller, either accompanying a quotation or during the course of a commercial relationship, etc., can be justified. In such cases, they shall be deemed to have been accepted by Buyer for all intents and purposes when placing the order.

2. INTELLECTUAL AND INDUSTRIAL PROPERTY.

Intellectual and/or industrial information relating to quotations, in addition to that which may accompany the equipment object of the supply, drawings, software, etc., are the property of Seller and, as such, may not be used by Buyer for any purposes other than completion of the order.

3. SCOPE OF THE SUPPLY AND ORDER FULFILMENT.

3.1 The scope of the supply shall be clearly indicated in Buyer's order. So that an order for an amount exceeding 500 € can be considered effective, Buyer must receive an express acceptance on the part of Seller, except in those cases in which this requirement has previously been eliminated.

3.2 The supply shall include exclusively the equipment and materials that are the object of the order, except in those cases in which in Buyer's order, accepted by Seller, additional documentation, information or services have been included.

3.3 In general, the weights, dimensions and technical specifications of the products to be supplied by Seller, including catalogues and technical literature, shall be of an orientative and non-binding nature, except when Seller has previously accepted a certain specification of Buyer, which must form an integral part of the order.

3.4 Changes in the scope of an order must be notified in writing and shall only be valid once accepted by Seller.

4. PRICES.

4.1 The prices indicated in the order are NET and do not include VAT or any other tax, which shall be charged subsequently in the invoice, at the prevailing rate in force at any given moment. Prices do not include packing,

transport or insurance, are considered to refer to material situated in Seller's store and to be valid for the order for all the material included in the quotation, except when expressly agreed otherwise.

4.2 Quotations prior to the order shall have a validity of 30 days, except when indicated otherwise therein. During this period the prices included in such quotations shall be deemed to be firm, in accordance with the established Payment Terms and Conditions.

In those cases in which quotations include imported material, subject to currency exchange rate contingencies, the price shall be adjusted in accordance with such variations.

5. PAYMENT TERMS AND CONDITIONS.

5.1 Seller's quotation, or Buyer's order, duly accepted by Seller, shall include the payment terms and conditions of the supply.

5.2 Payment shall be settled in the agreed conditions, by means of the agreed payment procedure, which must be indicated in Buyer's order.

5.3 In those orders in which Buyer agrees to pay the amount thereof "in cash", Seller may grant an additional discount on the agreed NET price, based on the reduction in financial costs which this may represent at any given moment.

5.4 Delays in delivery for reasons beyond Seller's control may not be the cause of deferment or delay in the agreed method of payment.

5.5 In the case of a delay in payment on the part of Buyer, Seller, without the need for a prior claim, may charge interest on the delayed payment, which shall be calculated on the basis of the EURIBOR rate plus 4% per annum.

Similarly, Seller may suspend the shipment of whatsoever outstanding supply or it may demand additional compensation, as may be justified by such delay.

5.6 Claims on the part of Buyer shall not grant it the right to withhold or make a deduction from any of its committed payments.

6. DELIVERY TERMS AND CONDITIONS.

6.1 The delivery term shall be understood for the material situated in the position and under the delivery terms established in the order. Should the position not be specified, it shall be understood for material in Seller's store.

The delivery term may suffer changes whenever:

1/ Buyer fails to supply in due time the necessary documentation for the correct fulfilment of the supply;

2/ Buyer needs to modify the order in a manner previously convened with Seller and which, in the latter's opinion, implies an extension of the delivery term;

3/ Performance of work by Buyer or its subcontractors is essential for the fulfilment of the supply, and such work has not been executed in due time;

4/ A circumstance of force majeure arises, which prevents the production or regular shipment of the requested equipment and/or articles.

7. PACKING.

7.1 Unless agreed otherwise with Buyer, the packing of the materials that are the object of the supply shall be for Buyer's account, representing an additional charge over and above the sale price.

8. TRANSPORT.

8.1 Transport, including loading and unloading, shall be carried out for the account and at the risk of Buyer, and Seller shall be free from whatsoever claim in respect of the supply's damage or impairment.

8.2 In the event that the materials are available for supply but are not withdrawn by Buyer or that an agreement has been reached with Seller so that they are stored in agreed conditions, Seller may charge, over and above the order price, the storage costs which, in its opinion, have been produced, with all risks that may be suffered by the stored materials being Buyer's responsibility.

9. INSPECTION AND ACCEPTANCE.

9.1 Unless specified otherwise in the order, inspections and tests during production and the inspection prior to supply shall be carried out by Seller. All other tests required by Buyer must be specified in the order, indicating the applicable regulations and, when applicable, the place and institution which will perform them. The cost of these tests shall be for Buyer's account and must be accepted by Seller.

9.2 Buyer has one week after shipment of the supply in which to check the condition of the supplied materials. Should any defects be found which Buyer considers to be attributable to Seller, it shall inform the latter immediately together with supporting evidence (photographs, counts, etc.), and the latter shall adopt the necessary measures for their correction.

9.3 Should no acceptance tests be specified in the order, once the week subsequent to shipment has elapsed and the Seller has received no written communication on possible defects or missing items, it shall be deemed that the material has been accepted.

9.4 In the event that Buyer, in spite of having notified defects or missing material, starts to use the materials or equipment object of the supply, the material shall be deemed to have been accepted for all intents and purposes.

10. CLAIMS. RETURNED MATERIALS.

10.1 Seller will not accept the return of supplied materials without a prior agreement with Buyer. Buyer has fifteen calendar days from the date of the supply in which to notify Seller in writing of its intention to make a return and the justification thereof.

10.2 All previously convened returns shall be made by Buyer with freight prepaid to Seller's installations.

10.3 In the case of a return made in error or for reasons beyond Seller's control, the corresponding demerit shall be charged, as specified in Seller's delivery notes: 5% if the return occurs within the first fifteen days after delivery,

or 15% if made within three months.

Subsequent returns are not accepted, except with the express acceptance of the demerit to be established by Seller.

10.4 Seller will not accept the return of materials which have been used or of those which have been specifically designed to meet the conditions of the supply.

11. GUARANTEES.

All articles with standard manufacturing characteristics supplied by Seller shall be covered by a 24-month guarantee, starting on the date of their delivery to Buyer, always provided that the latter is the end user thereof.

When Buyer is a body corporate and purchases the articles for their subsequent sale to third parties, the guarantee shall be extended to 30 months from the date of their delivery to Buyer.

All those products which, owing to their technology, design or specific manufacturing requirements, must meet certain demands imposed by Buyer shall be covered by a maximum guarantee period of 18 months from the commissioning or 24 months from the date of the supply, whichever occurs first.

All guarantee terms different to the foregoing must be convened between Seller and Buyer and shall be expressly set down in the order.

The concept of guarantee refers to the repair or replacement, at Seller's election, of any elements deemed to be defective. Repairs shall be carried out in Seller's workshops, with all disassembly, packing, loading, transport, customs duty, tax and other

charges resulting from the shipment of the material under warranty to Seller's workshops being for Buyer's account. When feasible, the execution of the repairs in Buyer's installations can be convened with Buyer.

The repaired or replaced element shall be covered by a 12-month guarantee period as from the repair date.

Under no circumstances shall Seller accept responsibility for repairs carried out by persons from outside its organization.

All defects for reasons not attributable to Seller shall be excluded from the guarantee.

If the commissioning of the supplied product requires the assistance of Seller's personnel, and Seller were to decide to make use of such product without fulfilling this requirement, the guarantee shall be deemed to have expired as from that moment.

Whenever it is considered that the defect can be solved with the replacement of the defective part by a new one, Seller may supply such part to Buyer under the guarantee and Buyer shall undertake to return the replaced part within

15 days for its inspection. Should Buyer fail to do so, it shall be invoiced for the supplied part.

Buyer must communicate all defects in writing as soon as they are detected, with a description of the defect in the manner so requested by Seller.

12. LIMITATION OF LIABILITY.

12.1 Seller shall not be liable for any indirect losses that may be incurred as a result of the supply, such as: loss of production, loss of profit, the cost of stoppages, deterioration or actions to equipment, systems and buildings of Buyer or user, nter alia.

12.2 Seller's full liability is limited to the value of the supply which originated the claim.

13. ARBITRATION.

13.1 Seller and Buyer shall endeavour to find an amicable solution to any disputes that may arise between them. Should an agreement not be possible, the parties shall submit to equitable arbitration, pursuant to the rules of

Spain's Law 36/1988 of 5th December of Arbitration, within the framework of the Arbitration Council of the Madrid Chamber of Commerce and Industry, undertaking to abide by whatever arbitral award may be passed.

14. COMPETENCE AND JURISDICTION.

14.1 In all cases the parties, expressly waiving their own venues, agree to abide by the competence and jurisdiction of the Courts and Tribunals of Madrid.





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