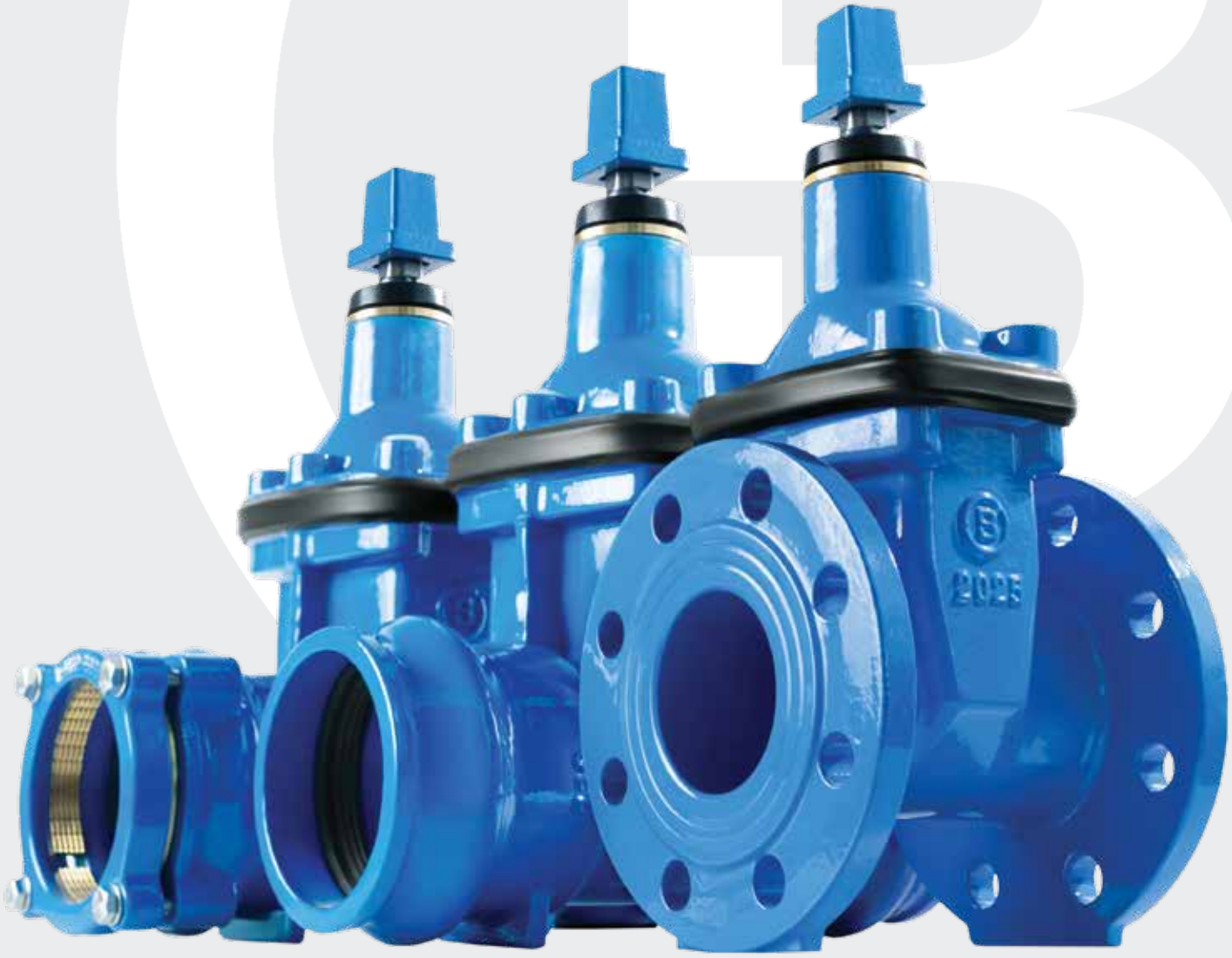
BLUCAST

making water accessible

DUCTILE IRON VALVES AND FITTINGS

2026



ABOUT BLUCAST

- Established in 2007
- Strongly focused on development of high-quality, long-lasting and low-maintenance products
- Own automatic epoxy dip coating, assembly and testing lines
- 1500 tons of ready-to-go materials available in our warehouse for immediate delivery
- Products up to DN600 available from our ready-to-go warehouse, double eccentric valves and dismantling joints- up to DN1200
- Production of non-stock and bespoke products according to customer demand
- Continuous expansion of the product range
- Technical support for water supply projects
- Testing and certification by third-party institutions
- Fast delivery throughout Europe, Northern Africa, and the Middle East

7
Years Warranty

3000
Unique Products

1500
Tons On Stock

30
Countries

2800
Max Diameters

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GATE VALVE PN16 (F4) series 115

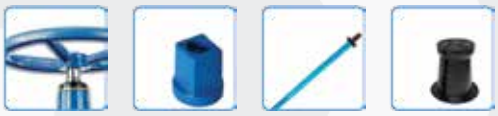
VALVES

APPLICATION
Flanged gate valve for drinking water and neutral liquids up to 80°C

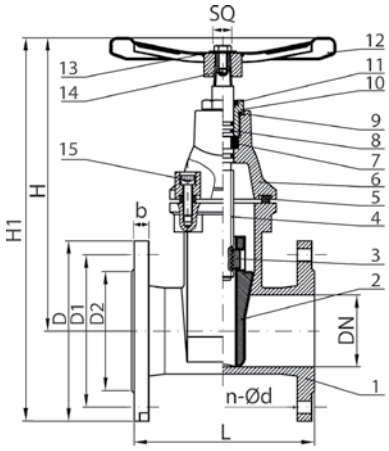
DESIGN FEATURES
Non rising stainless steel stem
Full bore
Low closing torque
Clockwise closing
Maintenance free
Guided wedge to ensure correct sealing
100% watertight
No zones of retention
Replaceable wedge nut
Dust protection flanges for sizes DN40-DN250
Edge protection gasket to avoid damages during transport, storage and assembly for sizes DN40-DN300

TECHNICAL CHARACTERISTICS
Design in accordance to EN1074 and EN1171
Face to face dimensions according to EN 558-1 series 14 and DIN3202 (F4)
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Fully vulcanized wedge in EPDM according to EN681
Stainless steel bolts
Color RAL5015
Powder epoxy coating at least 250 µm thickness

OPERATING



DN	Flange drilling	L	H	H1	D	D1	D2	b	n-Ød	SQ	KG	BLUCAST ref. no.
40	PN10/16	140	220	295	150	110	84	16	4-Ø19	14	8.9	115040
50	PN10/16	150	230	312,5	165	125	99	16	4-Ø19	14	10	115050
60/65	PN10/16	170	265	357,5	185	145	118	16	4-Ø19	17	12	115065
80	PN10/16	180	290	390	200	160	132	16	8-Ø19	17	12.6	115080
80	PN10/16	180	290	390	200	160	132	16	4-Ø19	17	12.6	115H080
100	PN10/16	190	335	445	220	180	156	16	8-Ø19	19	19.5	115100
125	PN10/16	200	380	505	250	210	184	16	8-Ø19	19	26.5	115125
150	PN10/16	210	415	557,5	285	240	211	16	8-Ø23	19	29.9	115150
200	PN10	230	510	680	340	295	266	17	8-Ø23	24	55	115200
200	PN16	230	510	680	340	295	266	17	12-Ø23	24	55	115P200
250	PN10	250	600	800	400	350	319	19	12-Ø23	27	81.5	115250
250	PN16	250	600	800	400	355	319	19	12-Ø28	27	81.5	115P250
300	PN10	270	690	917,5	455	400	370	20,5	12-Ø23	27	111	115300
300	PN16	270	690	917,5	455	410	370	20,5	12-Ø28	27	111	115P300
350	PN10	290	790	1042,5	505	460	429	22,5	16-Ø23	27	171.5	115350
350	PN10/16	290	790	1050	520	470	429	22,5	16-Ø28	27	171.5	115U350
400	PN10	310	855	1137,5	565	515	480	24	16-Ø28	27	211	115400
400	PN10/16	310	855	1145	580	525	480	24	16-Ø31	27	211	115U400
450	PN10/16	330	1006	1326	640	585	548	30	20-Ø31	32	302	115U450
500	PN10	350	1072	1407	670	620	582	31,5	20-Ø28	32	327	115500
500	PN10/16	350	1072	1429,5	715	650	609	31,5	20-Ø34	32	327	115U500
600	PN10	390	1228	1618	780	725	682	36	20-Ø31	32	503	115600
600	PN10/16	390	1228	1648	840	770	720	36	20-Ø37	32	503	115U600



No.	Item	Material
1	Body	EN-GJS-500-7
2	Wedge	EN-GJS-500-7, EPDM
3	Stem nut	Brass
4	Stem	AISI420
5	Sealing gasket	EPDM
6	Bonnet	EN-GJS-500-7
7	Locating ring	Brass
8	Sealing ring	EPDM
9	Sealing ring	EPDM
10	Sealing nut	Brass
11	Sealing ring	EPDM
12	Handwheel	EN-GJS-500-7
13	Washer	AISI304
14	Bolt	AISI304
15	Bolt	AISI304

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

GATE VALVE PN16 (F5) series 115

APPLICATION

Flanged gate valve for drinking water and neutral liquids up to 80°C

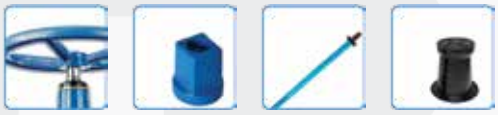
DESIGN FEATURES

Non rising stainless steel stem
Full bore
Low closing torque
Clockwise closing (anti-clockwise closing option available)
Maintenance free
Guided wedge to ensure correct sealing
100% watertight
No zones of retention
Replaceable wedge nut
Dust protection flanges for sizes DN40-DN250
Edge protection gasket to avoid damages during transport, storage and assembly for sizes DN40-DN300

TECHNICAL CHARACTERISTICS

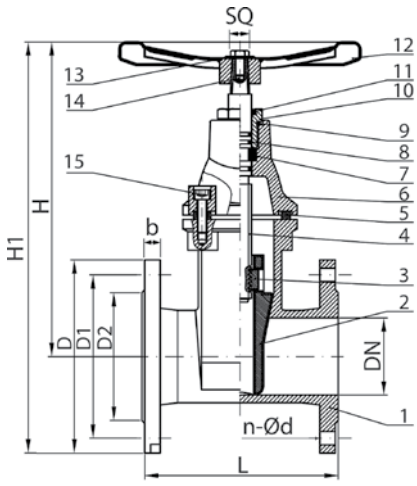
Design in accordance to EN1074 and EN1171
Face to face dimensions according to EN 558-1 series 15 and DIN3202 (F5)
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Fully vulcanized wedge in EPDM according to EN681
Stainless steel bolts
Color RAL5015
Powder epoxy coating at least 250 µm thickness

OPERATING



VALVES

DN	Flange drilling	L	H	H1	D	D1	D2	b	n-Ød	SQ	KG	BLUCAST ref. no.
40	PN10/16	240	220	295	150	110	84	16	4-Ø19	14	10	115F5040
50	PN10/16	250	230	312,5	165	125	99	16	4-Ø19	14	11.4	115F5050
60/65	PN10/16	270	265	357,5	185	145	118	16	4-Ø19	17	14.2	115F5065
80	PN10/16	280	290	390	200	160	132	16	8-Ø19	17	15.8	115F5080
100	PN10/16	300	335	445	220	180	156	16	8-Ø19	19	21.6	115F5100
125	PN10/16	325	380	505	250	210	184	16	8-Ø19	19	29.6	115F5125
150	PN10/16	350	415	557,5	285	240	211	16	8-Ø23	19	36.6	115F5150
200	PN10/16	400	510	680	340	295	266	17	8-Ø23 / 12-Ø23	24	64.6	115F5200
250	PN10/16	450	600	800	400	355	319	19	12-Ø23 / 12-Ø28	27	95.3	115F5250
300	PN10/16	500	690	917,5	455	410	377	20,5	12-Ø23 / 12-Ø28	27	133	115F5300
400	PN10	600	855	1137,5	565	515	480	24	16-Ø28	27	251	115F5400
400	PN16	600	855	1145	580	525	480	24	16-Ø31	27	251	115F5P400
500	PN10	700	1072	1407	670	620	582	31,5	20-Ø28	32	402	115F5500
500	PN16	700	1072	1429,5	715	650	609	31,5	20-Ø34	32	402	115F5P500
600	PN10	800	1228	1618	780	725	682	36	20-Ø31	32	642	115F5600
600	PN16	800	1228	1648	840	770	720	36	20-Ø37	32	642	115F5P600



No.	Item	Material
1	Body	EN-GJS-500-7
2	Wedge	EN-GJS-500-7, EPDM
3	Stem nut	Brass
4	Stem	AISI420
5	Sealing gasket	EPDM
6	Bonnet	EN-GJS-500-7
7	Locating ring	Brass
8	Sealing ring	EPDM
9	Sealing ring	EPDM
10	Sealing nut	Brass
11	Sealing ring	EPDM
12	Handwheel	EN-GJS-500-7
13	Washer	AISI304
14	Bolt	AISI304
15	Bolt	AISI304

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

GATE VALVE
for electric actuator PN16 (F4) series 115

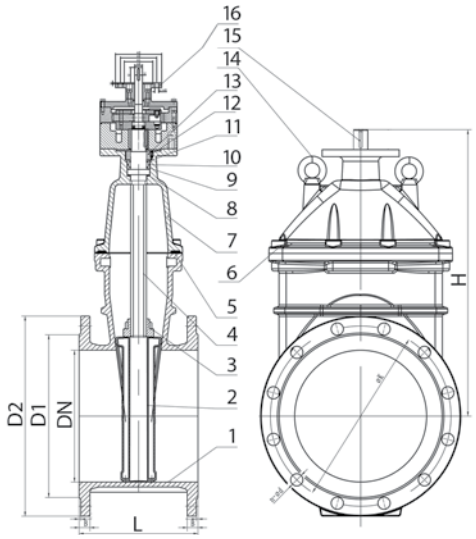
APPLICATION
Flanged gate valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Non rising stainless steel stem
Full bore
Low closing torque
Clockwise closing
Maintenance free
Guided wedge to ensure correct sealing
100% watertight
No zones of retention
ISO5210 top flange for mounting an actuator

TECHNICAL CHARACTERISTICS
Design in accordance to EN1074 and EN1171
Face to face dimensions according to EN 558-1 series 14 and DIN3202 (F4)
Flange end connections according to EN1092-2: PN10&PN16
Top flange connection according to ISO5210
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Fully vulcanized wedge in EPDM according to EN681
Stainless steel bolts
Color RAL5015
Powder epoxy coating at least 250 µm thickness

OPERATING

DN	Flange drilling	L	H	D	D1	D2	Top flange size	SQ	Torque (Nm)	KG	BLUCAST ref. no.
50	PN10/16	150	230	165	125	99	F10	20	40	10	115E050
65	PN10/16	170	265	185	145	118	F10	20	60	12	115E065
80	PN10/16	180	290	200	160	132	F10	20	60	13.4	115E080
100	PN10/16	190	335	220	180	156	F10	20	80	19.9	115E100
125	PN10/16	200	380	250	210	184	F10	20	100	29	115E125
150	PN10/16	210	415	285	240	211	F10	20	125	32.7	115E150
200	PN10	230	510	340	295	266	F14	30	150	58.4	115E200
200	PN10/16	230	510	340	295	266	F14	30	150	58.4	115EU200
250	PN10	250	600	400	350	319	F14	30	200	82	115E250
250	PN10/16	250	600	400	355	319	F14	30	200	82	115EU250
300	PN10	270	690	455	400	370	F14	30	250	118	115E300
300	PN10/16	270	690	455	410	370	F14	30	250	118	115EU300
350	PN10/16	290	790	520	470	429	F14	30	300	175	115EU350
400	PN10	310	855	565	515	480	F14	30	300	207	115E400
400	PN10/16	310	855	580	525	480	F14	30	350	207	115EU400
200	PN10/16	230	430	340	295	266	F10	20	77	68	115EUG200
250	PN10/16	250	570	400	355	319	F10	20	94	90	115EUG250
300	PN10/16	270	660	455	410	370	F10	20	89	125	115EUG300
400	PN10/16	310	840	580	525	480	F10	30	100	230	115EUG400



No.	Item	Material
1	Body	EN-GJS-500-7
2	Wedge	EN-GJS-500-7+EPDM
3	Stem Nut	Brass
4	Stem	AISI420
5	Sealing gasket	EPDM
6	Screw	A2 stainless steel
7	Bonnet	EN-GJS-500-7
8	Wear resistant asket	PTFE
9-10	O ring	EPDM
11	Bearing seal	Brass
12	Screw	A2 stainless steel
13	Locking nut	Brass
14	Bolt	A2 stainless steel
15	Key	Steel
16	Gearbox	Gearbox

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

GATE VALVE PN16 (F4) series 117

APPLICATION
Flanged gate valve for drinking water and neutral liquids up to 80°C

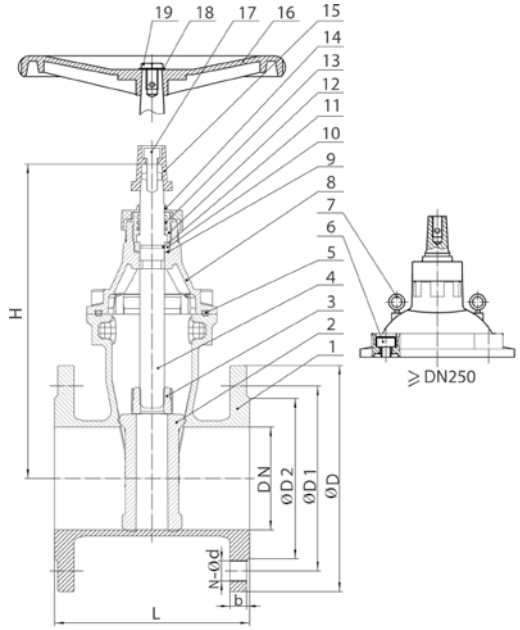
DESIGN FEATURES
Non rising stainless steel stem
Full bore
Low closing torque
Clockwise closing
Guided wedge to ensure correct sealing
100% watertight
No zones of retention
Replaceable wedge nut

TECHNICAL CHARACTERISTICS
Design in accordance to EN1074 and EN1171
Face to face dimensions according to EN 558-1 and DIN3202 (F4)
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Fully vulcanized wedge in EPDM according to EN681
Stainless steel bolts
Color RAL5015
Powder epoxy coating at least 250 µm thickness

OPERATING

VALVES

DN	Flange drilling	L	H	D	D1	D2	b	n-Ød	SQ	KG	BLUCAST ref. no.
50	PN10/16	150	198	165	125	99	16	4x19	14	8.95	117050
65	PN10/16	170	252	185	145	118	16	4x19	14	12.4	117065
80	PN10/16	180	255	200	160	132	16	8x19	17	13.2	117080
100	PN10/16	190	301	220	180	156	16	8x19	17	15.6	117100
125	PN10/16	200	336	250	210	184	16	8x19	19	24	117125
150	PN10/16	210	364	285	240	211	16	8x23	19	30.8	117150
200	PN16	230	473	340	295	266	17	12x23	24	51.7	117P200
200	PN10	230	473	340	295	266	17	8x23	24	51.7	117200
250	PN10	250	550	400	350	319	19	12x23	27	68.4	117250
250	PN16	250	550	400	355	319	19	12x28	27	68.4	117P250
300	PN10	270	642	455	400	370	20.5	12x23	27	99	117300
300	PN16	270	642	455	410	370	20.5	12x28	27	99	117P300
400	PN10	310	852	565	515	480	20.5	16x28	27	200.8	117400
500	PN10	350	1030	670	620	582	22.5	20x28	32	344	117500
600	PN10	390	1165	780	725	682	25	20x32	32	490	117600



No.	Item	Material
1	Body	EN-GJS-500-7
2	Wedge	EN-GJS-500-7, EPDM
3	Wedge nut	Brass
4	Stem	AISI 420
5	Sealing gasket	EPDM
6	Bolts	AISI 304
7	Lifting bolt	AISI 304
8	Bonnet	EN-GJS-500-7
9	Sealing ring	EPDM
10	Sealing ring	EPDM
11	Sealing ring	EPDM
12	Stem nut	Brass
13	Sealing ring	EPDM
14	Dust seal	EPDM
15	Stem cap	EN-GJS-500-7
16	Handwheel	EN-GJS-500-7
17	Bolts	AISI 304
18	Washer	AISI 304
19	Bolts	AISI 304

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

THREADED GATE VALVE PN16 series 015

APPLICATION

Threaded gate valve for drinking water and neutral liquids up to 80°C

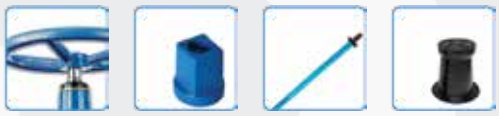
DESIGN FEATURES

Non rising stainless steel stem
Thread connection according to PN-EN ISO 228-1
Straight passage without slots
Low closing torque
100% watertight, class A
No zones of retention
Clockwise closing

TECHNICAL CHARACTERISTICS

Requirements and tests: according to PN-EN 1074-1.2
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Powder epoxy coating at least 250 µm thickness, Color RAL5015
Sealing torque: DN20-DN32-15Nm, DN40-DN50-30Nm
Spindle/ shaft seal: O-ring
Maximum water speed: 4 m/s
Version with both internal threads - code "VV".
Version with internal/external threads - code "VI".

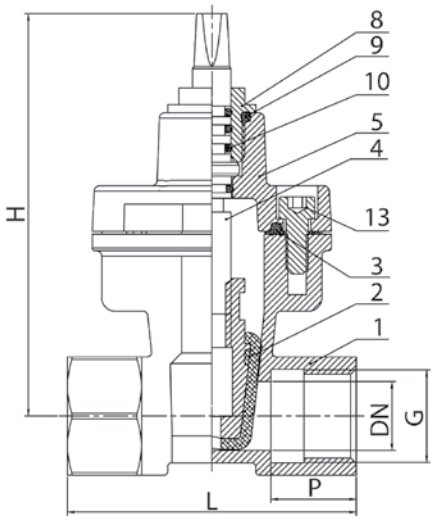
OPERATING



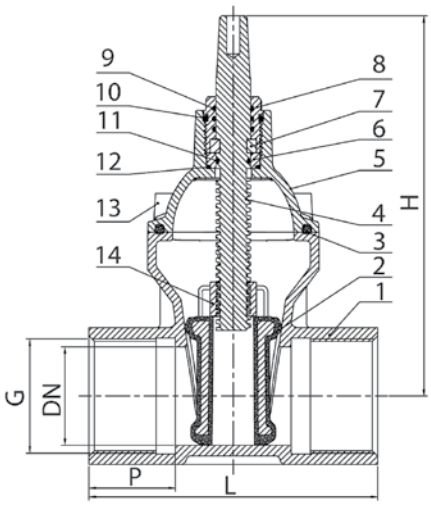
DN	Threads G	H	L	P	SQ	Kg	BLUCAST ref. no.
20	3/4" int/int	145	95	27	12	1.2	015VV020
25	1" int/int	145	105	30	12	1.75	015VV025
32	1 1/4" int/int	150	120	32	12	1.95	015VV032
40	1 1/2" int/int	197	130	37	14	3.85	015VV040
50	2" int/int	202	150	45	14	3.25	015VV050
25	1" int/ext	145	130	30	12	1.75	015VI025
32	1 1/4" int/ext	150	145	32	12	1.85	015VI032
40	1 1/2" int/ext	197	155	37	14	3.85	015VI040
50	2" int/ext	202	175	45	14	4.2	015VI050

No.	Item	Material
1	Body	EN GJS-500-7
2	Wedge	DN20-DN32 EN Brass/EPDM, DN40-DN50 - EN GJS-500-7/EPDM
3	Bonnet gasket	EPDM
4	Stem	AISI420
5	Bonnet	EN GJS-500-7
6	Thrust washer	Brass
7	Thrust	Brass
8	Thrust nut	Brass
9	O ring	EPDM
10	O ring	EPDM
11	O ring	EPDM
12	O ring	EPDM
13	Bolts	A2 stainless steel
14	Stem nut	Brass

DN20/DN25/DN32



DN40/DN50



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

DOUBLE ECCENTRIC BUTTERFLY VALVE series DEBV

APPLICATION

Double eccentric butterfly valve used for regulation and sectioning of the flow for drinking water and neutral liquids up to 80°C

DESIGN FEATURES

100% watertight
Stainless steel stem
Mechanical position indicator
Mechnical gearbox included
Clockwise closing
DN400 and above – handhweel and ISO5211 top flange for mounting electric actuator

TECHNICAL CHARACTERISTICS

Design in accordance to EN593
Face to face dimensions according to EN558: Series 14 (F4)
Flange end connections according to EN1092-2: PN10 (PN16 & PN25 options are available)
Maximum working pressure: PN10 / 10 bar (PN16 & PN25 options available)
Working temperature: 0°C - +80°C
Gearbox operated
EPDM sealing
Stainless steel bolts
Color RAL5015
Powder epoxy coating 250 µm thickness
PN10 - bi-directional seal

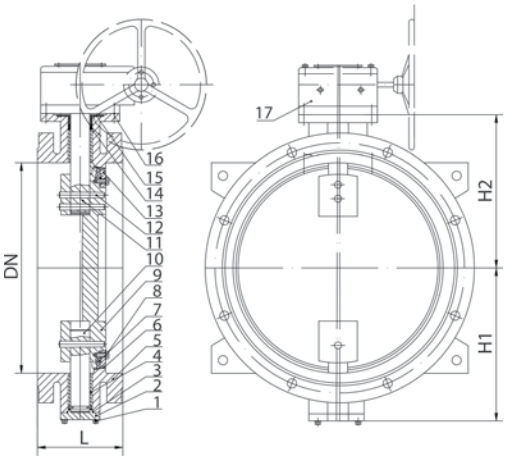
OPERATING

VALVES

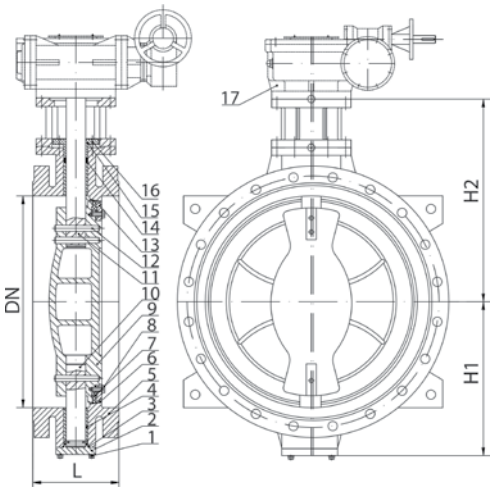
DN	L	H1	H2	ISO flange size on gearbox	Weight	BLUCAST ref. no.
100	190	122	178	Handwheel only	19	DEBV100
150	210	162	238	Handwheel only	29	DEBV150
200	230	177	250	Handwheel only	43	DEBV200
250	250	210	295	Handwheel only	59	DEBV250
300	270	258	306	F10	98	DEBV300
350	290	283	335	F10	131	DEBV350
400	310	325	538	F10	128	DEBV400
450	330	340	550	F10	200	DEBV450
500	350	375	590	F10	193	DEBV500
600	390	443	683	F10	281	DEBV600
700	430	485	732	F14	395	DEBV700
800	470	560	788	F14	530	DEBV800
900	510	601	867	F14	789	DEBV900
1000	550	680	907	F14	945	DEBV1000
1200	630	791	1030	F14	1397	DEBV1200
1400	710	1031	1285	F14	3113	DEBV1400
1600	790	1170	1312	F16	3451	DEBV1600
1800	870	1270	1491	F16	4820	DEBV1800
2000	950	1360	1610	F16	5185	DEBV2000
2200	1030	1450	1725	F16	5550	DEBV2200

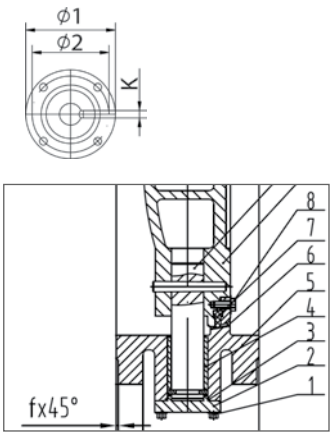
No.	Item	Material
1	Bolts	A2
2	Cover	EN-GJS-400-15
3	O-ring	EPDM
4	Bush	Steel
5	Body	EN-GJS-400-15
6	Body seal ring	Welded AISI304
7	Disc seal ring	EPDM
8	Bolts	A2
9	Disc	EN-GJS-400-15
10	Lower stem	AISI 420
11	Upper stem	AISI 420
12	Pin	AISI 420
13	Retainer ring	Q235
14	O-Ring	EPDM
15	Suffing pad	EN-GJS-400-15
16	Bolts	A2
17	Gearbox	EN-GJS-400-15

DN100-DN350



DN400-DN2000





All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

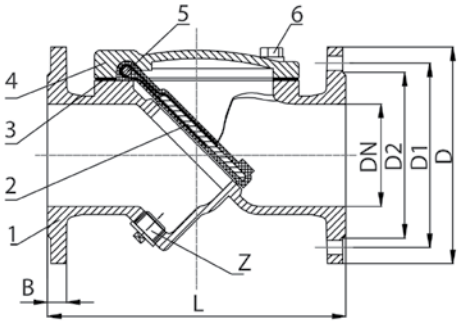
SWING CHECK VALVE series ASV

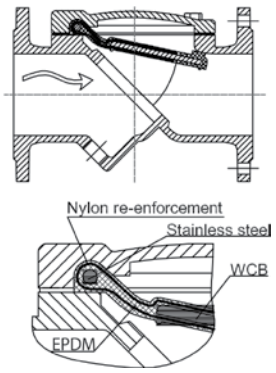
APPLICATION
Swing check valve used for stopping of backflow of drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Simple and compact design
Can be installed in vertical and horizontal positions
Maintenance free

TECHNICAL CHARACTERISTICS
Face to face dimensions according to EN558 series 48 / DIN3202 (F6)
Flange end connections according to EN1092: PN10&PN16
Maximum working pressure: PN16
Working temperature: 0-80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Hydraulic test according to EN12266

DN	Flange drilling	L	D	D1	D2	b	n-Ød	KG	BLUCAST ref. no.
50	PN10/16	200	165	125	100	19	4-Ø19	8.9	ASV050
65	PN10/16	240	185	145	120	19	4-Ø19	11.9	ASV065
80	PN10/16	260	200	160	135	19	8-Ø19	12	ASV080
100	PN10/16	300	220	180	156	19	8-Ø19	18	ASV100
125	PN10/16	350	250	210	186	19	8-Ø19	26.9	ASV125
150	PN10/16	400	285	240	212	19	8-Ø23	34	ASV150
200	PN10	500	340	295	268	20	8-Ø23	64.5	ASV200
250	PN10	600	405	350	318	22	12-Ø23	99	ASV250
300	PN10	700	460	400	370	24.5	12-Ø23	153	ASV300





No.	Item	Material
1	Body	EN GJS-500-7
2	Disc	WCB+EPDM
3	Gasket	EPDM
4	Bonnet	EN GJS-500-7
5	Pin	AISI304
6	Bolts	AISI304
7	Plug	AISI304

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BALL CHECK VALVE series ARV

APPLICATION
Ball check valves for drinking water and neutral liquids up to 80°C
NBR version for sewage

DESIGN FEATURES
Self cleaning construction
Full bore
Easy disassembly of the top cap to remove the ball
Simple and compact design
Can be installed in vertical and horizontal positions

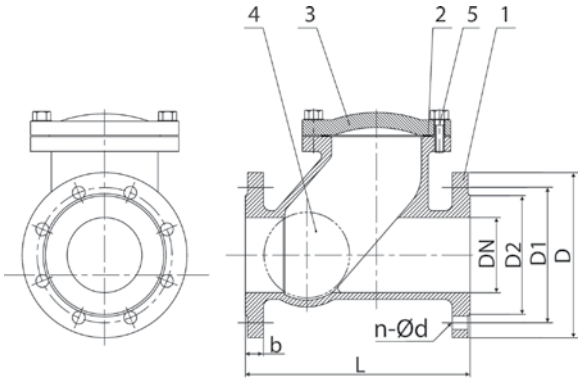
TECHNICAL CHARACTERISTICS
Maximum working pressure: PN10 / PN16
Working temperature: 0°C - +80°C
Fully vulcanized ball in EPDM (NBR option available)
Color RAL5015
Powder epoxy coating 250 µm thickness
Bonnet gasket in EPDM (or NBR for NBR version)

Flanged version:
Design in accordance to EN12050
Face to face dimensions according to:
EN558 series 48 / DIN 3202 (F6)
Flange end connections according to
EN1092-2: PN10&PN16

Threaded version:
Thread connections according to EN 10226-1

VALVES

DN	Flange drilling	L	D	D1	D2	b	n-Ød	KG	BLUCAST ref. no.
32	1 1/4" thread	140	-	-	-	18	-	1.4	ARVVV032
40	1 1/2" thread	145	-	-	-	18	-	1.95	ARVVV040
50	2" thread	170	-	-	-	20	-	2.95	ARVVV050
50	PN10/16	200	165	125	102	19	4-Ø19	6.5	ARV050
65	PN10/16	240	185	145	122	19	4-Ø19	8.2	ARV065
80	PN10/16	260	200	160	138	19	8-Ø19	10.5	ARV080
100	PN10/16	300	220	180	158	19	8-Ø19	15	ARV100
125	PN10/16	350	250	210	188	19	8-Ø19	20.4	ARV125
150	PN10/16	400	285	240	212	19	8-Ø23	34.8	ARV150
200	PN10	500	340	295	268	20	8-Ø23	66	ARV200
250	PN10	600	405	350	319	22	12-Ø23	100	ARV250
300	PN10	700	460	400	370	24,5	12-Ø23	151	ARV300
350	PN10	800	520	460	429	26,5	16-Ø23	228	ARV350
400	PN10	900	580	515	480	28	16-Ø28	298	ARV400
500	PN10	1100	715	620	582	31	20-Ø28	550	ARV500
200	PN16	500	340	295	266	20	12-Ø23	67.7	ARVP200
250	PN16	600	400	355	319	22	12-Ø28	100	ARVP250
300	PN16	700	455	410	370	24.5	12-Ø28	155	ARVP300



No.	Item	Material
1	Body	EN-GJS-400-15
2	Gasket	EPDM
3	Cover	EN-GJS-400-15
4	Ball	Q235 Steel + EPDM (or NBR)
5	Bolt	Zinc plated 4.8 steel or Stainless steel AISI304

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DUAL PLATE CHECK VALVE series BCV

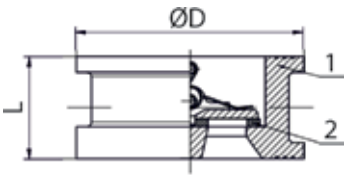
APPLICATION
Dual plate wafer check valve for drinking water and neutral liquids

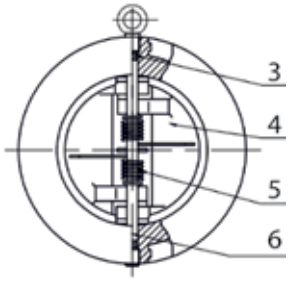
DESIGN FEATURES
Simple and compact design to be fit between two flanges
Horizontal and vertical installation is possible
Low pressure drop
EPDM seal vulcanized on the seat of the body

TECHNICAL CHARACTERISTICS
Design according to EN12334/EN14341
Hydraulic tests according to EN12266-1
Mounted between flanges according to EN1092 (PN10/16)
Maximum pressure PN16
Face to face dimension according to DIN EN 558-1: series 16
Working temperature: 0°C-80°C
Color RAL5015
Powder epoxy coating 250 µm thickness

DN	L	D	KG	BLUCAST ref. no.
50	43	107	1.4	BCV050
65	46	127	1.95	BCV065
80	64	142	2.9	BCV080
100	64	162	3.7	BCV100
125	70	192	5.6	BCV125
150	76	218	7.9	BCV150
200	89	273	13.9	BCV200
250	114	327	23.7	BCV250
300	114	378	31.3	BCV300

No.	Item	Material
1	Body	EN GJS-500-7
2	Seat	EPDM
3	Bush	EPDM
4	Disc	AISI304 stainless steel
5	Spring	AISI304 stainless steel
6	Shaft	AISI304 stainless steel





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BUTTERFLY VALVE series VB

APPLICATION
Wafer butterfly valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Wafer type for mounting between two flanges
Stainless steel stem
Mechanical position indicator
ISO5211 top flange mounting actuator

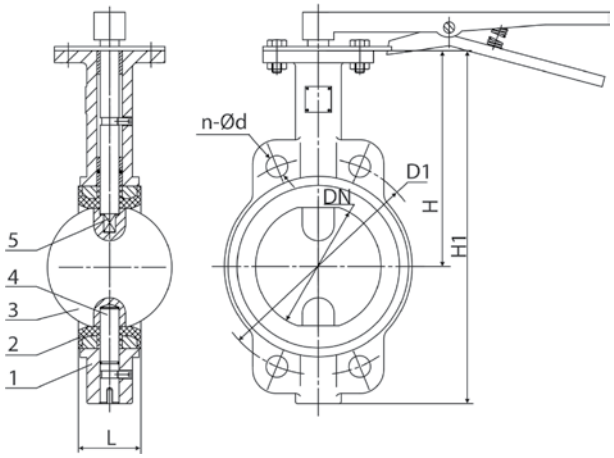
Clockwise closing
100% watertight

TECHNICAL CHARACTERISTICS
Design in accordance to EN593
Face to face dimensions according to EN558: Series 20
Flange end connections according to EN1092-2: PN10&PN16
Top flange connection according to ISO5211
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
DN50-DN250 - lever operated, DN300 and above - with gearbox
EPDM seat
Stainless steel bolts
Color RAL5015
Powder epoxy coating 250 µm thickness

OPERATING

VALVES

DN	Flange drilling	L	H	H1	D1	n-Ød	Top flange size ISO5211	KG	BLUCAST ref. no.
50	PN10/16	42	161	241	125	4-Ø18	F05	2.4	VB050
65	PN10/16	44.5	175	264	145	4-Ø18	F05	3.9	VB065
80	PN10/16	45	181	276	160	4-Ø18	F05	3.3	VB080
100	PN10/16	51	200	314	180	8-Ø18	F07	4.8	VB100
125	PN10/16	54.5	213	340	210	8-Ø18	F07	7.8	VB125
150	PN10/16	54.8	226	365	240	8-Ø23	F07	8	VB150
200	PN10	59.6	260	440	295	8-Ø23	F10	16.6	VB200
250	PN10	67	292	500	350	12-Ø23	F10	25	VB250
300	PN10	75.9	337	584	400	12-Ø23	F10	32.7	VB300
400	PN10	90	298	400	515	16-Ø28	F14	68	VB400
500	PN10	132	349	480	620	20-Ø28	F14	103	VB500
50	PN10/16	42	161	241	125	4-Ø18	F05	3.7	VBSS050
65	PN10/16	44.5	175	264	145	4-Ø18	F05	4.4	VBSS065
80	PN10/16	45	181	276	160	4-Ø18	F05	3.6	VBSS080
100	PN10/16	51	200	314	180	8-Ø18	F07	4.7	VBSS100
150	PN10/16	54.8	226	365	240	8-Ø23	F07	7.5	VBSS150
200	PN10	59.6	260	440	295	8-Ø23	F10	16.7	VBSS200
250	PN10	67	292	500	350	12-Ø23	F10	25	VBSS250
300	PN10	75.9	337	584	400	12-Ø23	F10	32	VBSS300



No.	Item	Material
1	Body	EN-GJS-500-7
2	Seat	EPDM
3	Disc (series VB) Disc (series VBSS)	EN-GJS-500-7, Nickel plated Stainless steel CF8 (AISI304)
4	Upper stem	Stainless steel AISI420
5	Lower stem	Stainless steel AISI420

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KNIFE GATE VALVE series PS

VALVES

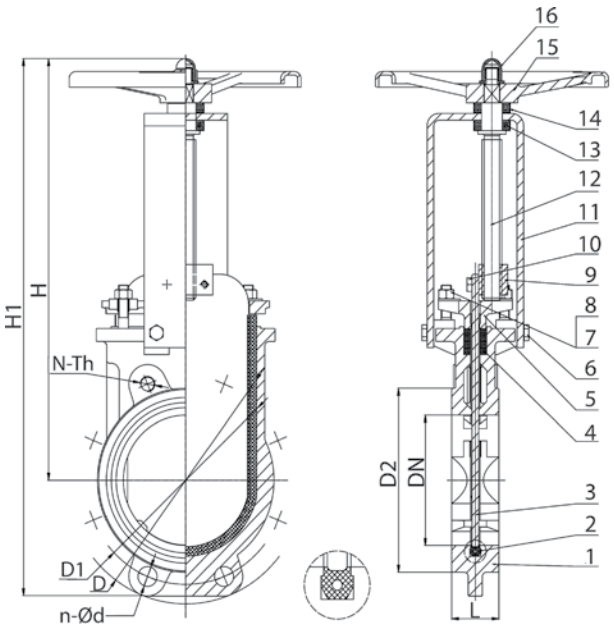
APPLICATION
Resilient seat knife gate valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Stainless steel stem
100% watertight
Double directional tightness
Clockwise closing
Non-rising stem

TECHNICAL CHARACTERISTICS
Design in accordance to EN1074
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: DN50-DN250 - PN10/10 bar,
DN300-DN400 - PN6/6 bar, DN500-DN600 - PN4/4 bar
Working temperature: 0°C - +80°C
NBR seat
Stainless steel bolts
Color RAL5015
Handwheel operated (DN50-DN400), from DN500 - with gearbox
Powder epoxy coating 250 µm thickness

OPERATING

DN	Flange drilling	L	H	H1	D2	D1	D	n-Ød	n-Th	KG	BLUCAST ref. no.
50	PN10/16	48	258	340,5	99	125	165	2x Ø18	2x M16	5.8	PSN050
65	PN10/16	48	284	376,5	118	145	185	2x Ø18	2x M16	8	PSN065
80	PN10/16	51	316	416	132	160	200	6x Ø18	2x M16	10	PSN080
100	PN10/16	51	354	464	156	180	220	6x Ø18	2x M16	13	PSN100
125	PN10/16	57	428	553	184	210	250	6x Ø18	2x M16	18	PSN125
150	PN10/16	57	447	589,5	212	240	285	6x Ø23	2x M20	23	PSN150
200	PN10	70	531	701	266	295	340	6x Ø23	2x M20	30	PSN200
250	PN10	70	631	828,5	319	350	395	8x Ø23	4x M20	51	PSN250
300	PN10	76	745	967,5	370	400	445	8x Ø23	4x M20	63	PSN300
350	PN10	76	890	1142,5	430	460	505	8x Ø23	8x M20	117	PSN350
400	PN10	89	980	1262,5	480	515	565	10x Ø27	10x M24	318	PSN400
500	PN10	127	1330	1665	582	620	670	8x Ø27	12x M24	230	PSN500
600	PN10	154	1460	1850	682	725	780	8x Ø30	12x M27	320	PSN600



No.	Item	Material
1	Body	EN-GJS-400-15
2	Seat	EPDM
3	Disc	AISI304
4	Sealing	PTFE
5	Gland	WCB
6	Bolt	AISI201
7	Nut/Bolt	AISI201
8	Nut/Bolt	AISI201
9	Stem	Nut Brass
10	Bolt	SS201
11	Yoke	AISI A3
12	Stem	AISI420
13	Bearing	Stainless steel
14	Bearing Cap	AISI A3
15	Handwheel	EN-GJS-400-15
16	Nut	AISI201

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DOUBLE BALL AIR VALVE series NVD

APPLICATION
Air valve for drinking water and neutral liquids up to 80°C

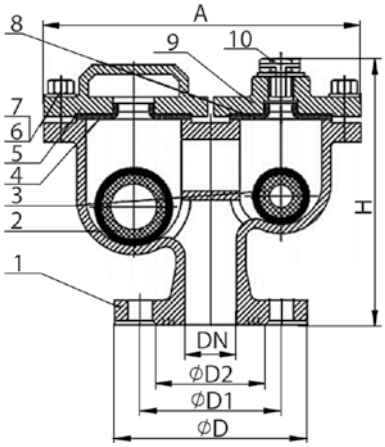
DESIGN FEATURES
Three functions:
The air release component releases entrapped air in pressurized systems
Releases large amounts of air during pipeline filling
Admits large amounts of air during draining
Dynamic design allows for high velocity air discharge while preventing premature closure
Simple and reliable structure, small dimensions, lightweight

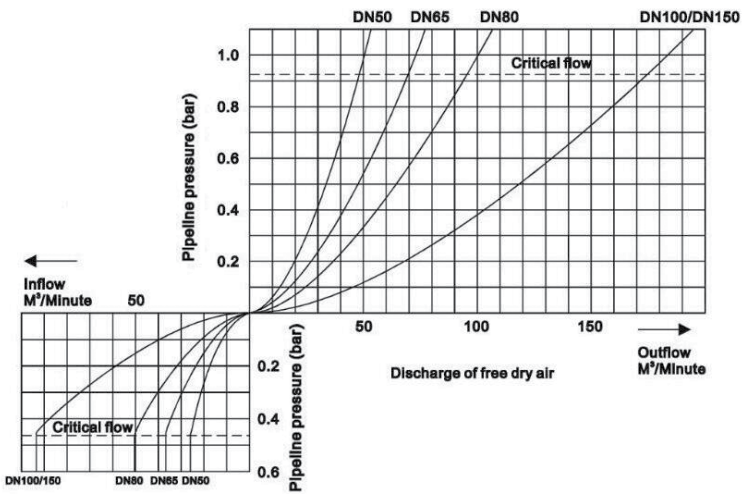
TECHNICAL CHARACTERISTICS
Design according to EN1074-4
Maximum working pressure: PN16
Working temperature: 0-80°C
Powder epoxy coating 250 µm thickness

Color RAL5015
Bonnet gasket in NBR
Fully vulcanized ball in EPDM
Flange standard: EN1092-2

DN	H	A	D	D1	D2	Weight	BLUCAST ref. no.
40	208	250	150	110	84	10	NVD040
50	208	250	165	125	99	7.6	NVD050
65	208	250	185	145	118	11.8	NVD065
80	250	325	200	160	132	17.6	NVD080
100	250	325	220	180	154	18.9	NVD100
125	344	440	250	210	184	28	NVD125
150	344	440	285	240	210	41.8	NVD150
200	468	612	310	295	265	89	NVD200

No.	Item	Material
1	Body	EN GJS-500-7
2	Ball	ABS/SS304+EPDM
3	Ball	ABS/SS304+EPDM
4	Gasket	NBR
5	Cover	EN GJS-500-7
6	Bolts	Stainless steel
7	Washer	Stainless steel
8	Gasket	NBR
9	Cover	EN GJS-500-7
10	Valve	Stainless steel





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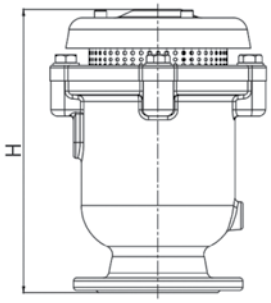
COMBINATION AIR RELEASE VALVE series NVC

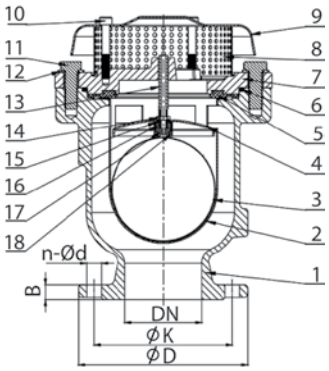
APPLICATION
Air valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Non-slam anti-shock design
Three functions:
Releases entrapped air in pressurized systems
Releases large amounts of air during pipeline filling
Admits large amounts of air during draining
Screen for protection from insects
Full bore
Stainless steel float

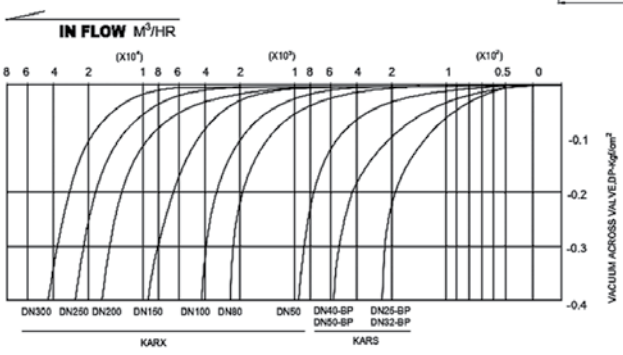
TECHNICAL CHARACTERISTICS
Hydrostatic tests according EN-12266-1, class A
Designed to EN-1074/4 and AWWA C-512
Flanges to EN-1092/2 or ANSI-150
Flange drilling acc. PN10. PN16 and PN25 available under request.
Color RAL5015
Powder epoxy coating 250 µm thickness

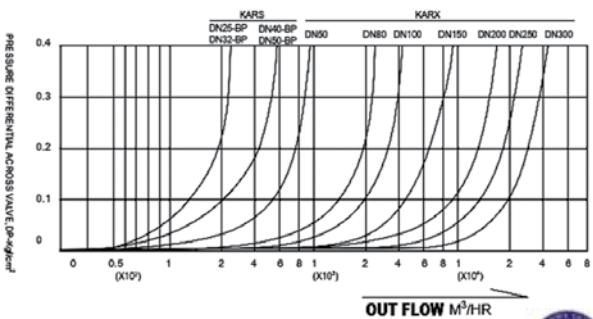
DN	Flange drilling	D	K	H	B	n-Ød	KG	BLUCAST ref. no.
50	PN10/16	165	125	305	19	4-Ø19	13.2	NVC050
65	PN10/16	185	145	305	19	4-Ø19	14.35	NVC065
80	PN10/16	200	160	330	19	8-Ø19	18.7	NVC080
100	PN10/16	220	180	370	19	8-Ø19	24.55	NVC100
150	PN10/16	285	240	450	19	8-Ø23	47.8	NVC150
200	PN10	340	295	500	20	8-Ø23	82	NVC200
250	PN10	395	350	685	22	12-Ø23	160	NVC250
300	PN10	445	400	780	24.5	12-Ø23	290	NVC300





No.	Item	Material
1	Body	Ductile iron
2	Bushing	Stainless steel AISI 304
3	Floating ball	Stainless steel AISI 304
4	Disc	Stainless steel AISI 304
5	Seal Ring	NBR
6	O ring	NBR
7	Bonnet	Ductile iron
8	Dustproof screen	Stainless steel AISI 304
9	Dust cover	Stainless steel AISI 304
10	Screw	Galvanized carbon steel or AISI304
11	Bolt	Stainless steel AISI 304
12	Flat Washer	Stainless steel AISI 304
13	Guide Rod	Brass
14	Nut	Stainless steel AISI 304
15	O ring	NBR
16	Lock Nut	Brass
17	Sealing Plug	Silicon
18	Sealing sleeve	Brass





All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

SINGLE BALL FLANGED AIR VALVE series NVF

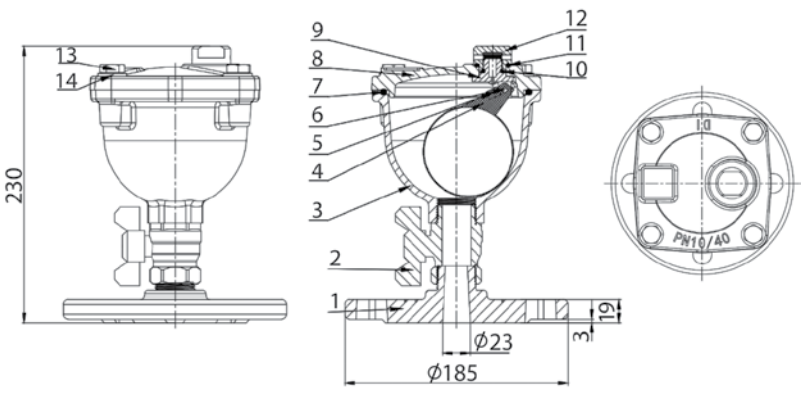
APPLICATION
Single ball air valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Single function - The air release component releases entrapped air in pressurized systems
Single orifice, single function
Universal flange DN40/50/65, PN10/16
Simple and reliable structure , small dimensions, lightweight

TECHNICAL CHARACTERISTICS
Hydrostatic tests according EN-12266-1, class A
Designed to EN-1074/4 and AWWA C-512
Color RAL5015
Powder epoxy coating 250 µm thickness

DN	Air valve	Weight	BLUCAST ref. no.
50	1"	6	NVF0501

No.	Item	Material
1	Flange	Ductile iron
2	Ball valve 1"	Brass
3	Body	Ductile iron
4	Float	ABS
5	Seat	EPDM
6	Hinge Pin	Stainless steel AISI304
7	O ring	NBR
8	Bonnet	Ductile iron
9	Bracket	Brass
10	O ring	NBR
11	O ring	NBR
12	Cap	Brass
13	Bolt	AISI304 stainless steel
14	Washer	AISI304 stainless steel



SINGLE BALL THREADED AIR VALVE series NVT

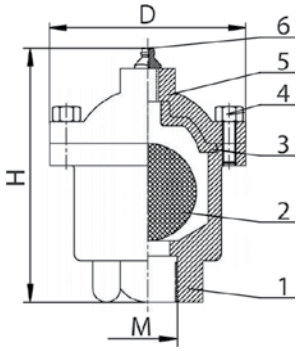
APPLICATION
Air valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES
Single function - The air release component releases entrapped air in pressurized systems
Simple and reliable structure, small dimensions, lightweight

TECHNICAL CHARACTERISTICS
Design according to EN1074-4
Maximum working pressure: PN16
Working temperature: 0-80°C
Color RAL5015
Powder epoxy coating 250 µm thickness

M	H	D	Weight	BLUCAST ref. no.
1"	145	105	2.2	NVT25
1 1/4"	145	105	2.3	NVT32
1 1/2"	172	128	3.95	NVT40
2"	172	128	3.55	NVT50

No.	Item	Material
1	Body	EN GJS-500-7
2	Ball	ABS
3	Gasket	NBR
4	Bolts	Zinc plated 4.8 steel or stainless steel
5	Bonnet	EN GJS-500-7
6	Valve	Brass



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

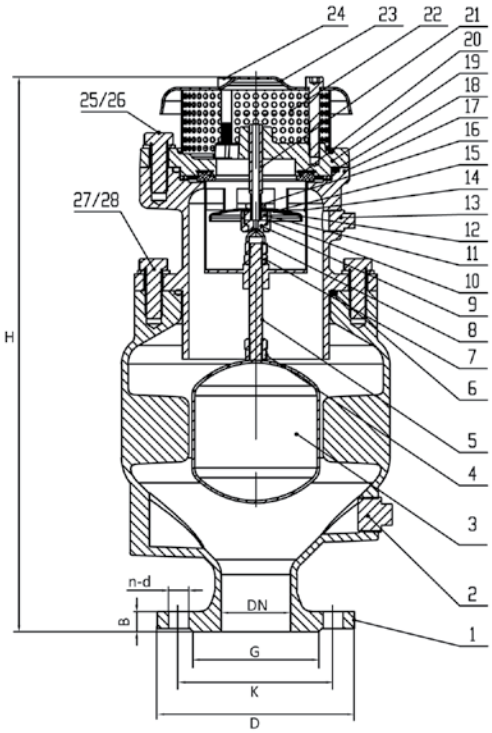
SEWAGE COMBINATION AIR RELEASE VALVE series NVN

APPLICATION
Air valve for sewage, wastewater and neutral liquids

DESIGN FEATURES
Three functions: air discharge, air intake, automatic air release
Provides smooth, reliable opening/closing, and leak-free sealing over a wide range of pressures
Outsice mesh to prevent insect intrusion
Possibility to release pressure and drain valve prior to maintenance
Large air flow through nozzle to cater for high velocity
Strong float to prevent damage during water hammer

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10/16
Designed according to EN1074-4
Maximum working pressure: PN16 / 16 Bar
Working temperature: 0˚C- +70˚C
Color RAL5015
Powder epoxy coating 250 µm thickness
Drilling of flanges: PN10/16, starting from DN200 - PN10

DN	H	B	Weight	BLUCAST ref. no.
50	521	19	30	NVN050
65	521	19	33	NVN065
80	588	19	48	NVN080
100	631	19	57	NVN100
150	719	19	98	NVN150
200	631	20	146	NVN200



No.	Item	Material
1	Body	EN-GJS-500-7
2	Plug	AISI304
3	Float	AISI304
4	Hex nut	AISI304
5	Float guide	AISI304
6	O-ring	NBR rubber
7	Hex nut	AISI304
8	Cap nut	AISI304
9	Seal plug	Silicone
10	Seal sleeve	Brass
11	Lock nut	Brass
12	O-ring	NBR rubber
13	Plug	AISI304
14	Float	AISI304
15	Disc	AISI304
16	Hex nut	AISI304
17	Mid body	EN-GJS-500-7
18	O-ring	NBR rubber
19	Bonnet	EN-GJS-500-7
20	Seal gasket	NBR rubber
21	Disc guide	Brass
22	Screen	AISI304
23	Dust cover	Q235
24	Hex socket bolt	AISI304
25/26	Hex bolt + washer	AISI304
27/28	Hex bolt + washer	AISI304

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STRAINER series Y

APPLICATION

The Y-strainers are installed in water systems to filter out pebbles and other impurities that could damage the equipment

DESIGN FEATURES

Compact design
Quick removal of lid for maintenance
Drain plug enables full drainage without removing the lid

TECHNICAL CHARACTERISTICS

Face to face dimensions according to EN558-1 series 1 and DIN3202 F1
Flange connections according to EN1092-2: PN10&PN16
Color RAL5015
Working temperature: 0°C-80°C
Stainless steel bolts
Powder epoxy coating 250µm thickness
Mesh size 1,5mm for DN50-DN150, 3mm for DN200-DN300

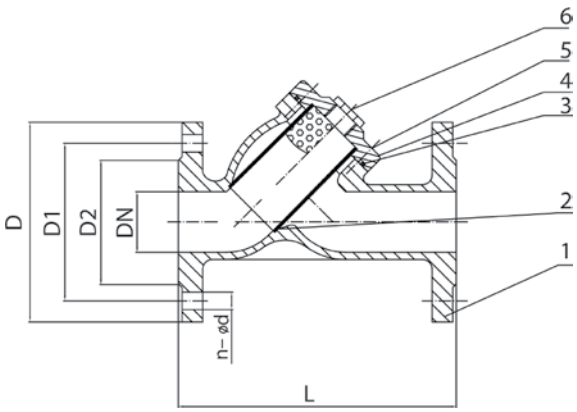
Strainers are designed for installation in horizontal pipelines

Installation in other direction pipelines is permissible if the medium flows from top to bottom

VALVES

DN	Flange drilling	L	D	D1	D2	n-Ød	Weight	BLUCAST ref. no.
50	PN10/16	230	165	125	102	4-18	6.9	Y050
65	PN10/16	290	185	145	122	4-18	9	Y065
80	PN10/16	310	200	160	138	8-18	11.8	Y080
100	PN10/16	350	220	180	158	8-18	15	Y100
125	PN10/16	400	250	210	188	8-18	24.4	Y125
150	PN10/16	480	285	240	212	8-23	36.9	Y150
200	PN10	600	340	295	268	8-23	64.4	Y200
250	PN10	730	405	350	320	12-23	100.8	Y250
300	PN10	850	460	400	370	12-23	144	Y300
350	PN10	980	520	460	429	16-23	190	Y350
400	PN10	1100	580	515	480	16-28	240	Y400
500	PN10	1250	715	620	582	20-28	600	Y500
600	PN10	1450	840	725	682	20-31	890	Y600

*PN16 version available by pre-order



No.	Item	Material
1	Body	EN GJS-500-7
2	Screen	AISI304
3	O ring	EPDM
4	Cover	EN GJS-500-7
5	Bolts	Stainless steel A2
6	Plug	AISI304

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

UNDERGROUND HYDRANT PN16 series PH

APPLICATION
Underground hydrant for fire protection and drinking water applications

DESIGN FEATURES
Corrosion resistant internal and external parts

Complete drainage system
Low closing torque
Clockwise closing

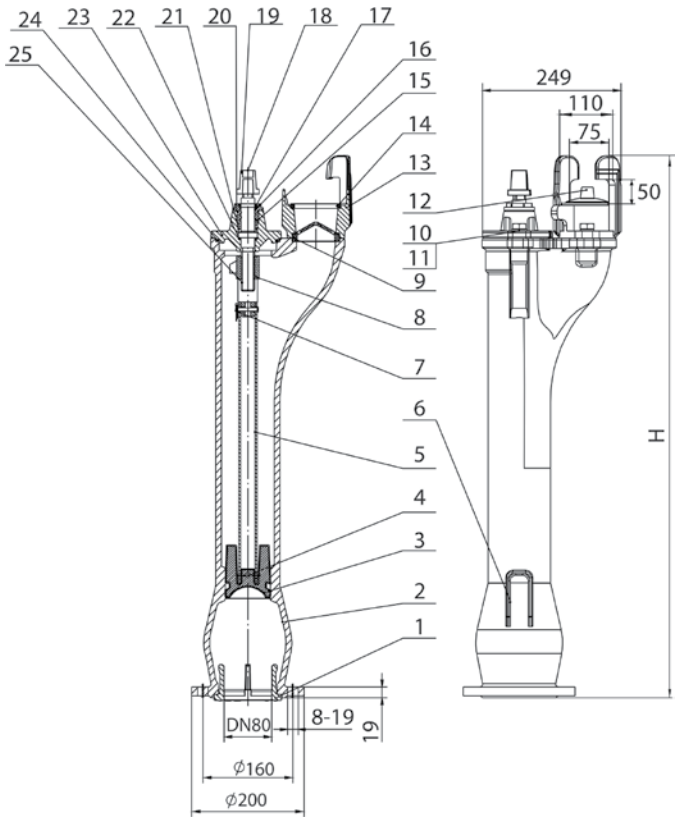
100% watertight
Fully vulcanized valve plug

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2: PN10/PN16
Product according to EN 1074-1; EN 1074-6; EN 14339
Bayonet socket according to DIN 3221 "C"
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +50°C

Fully vulcanized wedge in EPDM
Color RAL5015
Powder epoxy coating 250 µm thickness
Beginning of opening <3 turns, full opening after 8 turns

OPERATING

DN	Flange drilling	H	RD	KG	BLUCAST ref. no.
80	PN10/16	527	750	30	PH0800750
80	PN10/16	725	1000	33	PH0801000
80	PN10/16	975	1250	36	PH0801250
80	PN10/16	1225	1500	39	PH0801500
80	PN10/16	1475	1800	42	PH0801800



No.	Item	Material
1	Gasket	EPDM+PVC
2	Body	EN-GJS-500-7
3	Wedge	EN-GJS-500-7, EPDM
4	Pin	Stainless steel
5	Stem extension	AISI304
6	Drain cover	PVC
7	Pin	Stainless steel
8	Connecting nut	Brass
9	Deflector	EPDM
10	Bolt	Stainless steel A2
11	Washer	Stainless steel A2
12	Closing lid	PP
13	Bayonet socket	EN-GJS-500-7
14	Gasket	Brass
15	Sealing nut	Brass
16	O rings	EPDM
17	Dust proof ring	EPDM
18	Bolt	Stainless steel A2
19	Square cap	EN-GJS-500-7
20	O ring	EPDM
21	O ring	EPDM
22	Washer	PTFE
23	Upper bonnet	EN-GJS-500-7
24	O ring	EPDM
25	Stem	AISI420

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

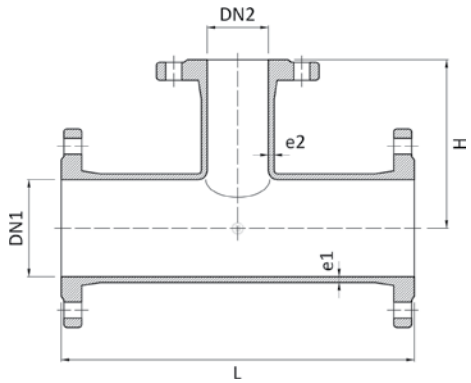
ALL FLANGED TEE series T

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating, ACS approved epoxy coating under request

DUCTILE IRON FITTINGS

DN1	DN2	Flange drilling	L	H	e1	e2	Weight	BLUCAST ref. no.
50	50	PN10/16	300	150	7	7	8.5	T050050
65	50	PN10/16	330	165	7	7	9.3	T065050
65	65	PN10/16	330	165	7	7	10.1	T065065
80	50	PN10/16	310	145	7	7	12.3	T080050
80	65	PN10/16	330	160	7	7	15	T080065
80	80	PN10/16	330	165	7	7	12.6	T080080
100	50	PN10/16	320	165	7.2	7	13.2	T100050
100	65	PN10/16	360	165	7.2	7	16	T100065
100	80	PN10/16	330	170	7.2	7	13.8	T100080
100	100	PN10/16	360	180	7.2	7.2	16	T100100
125	80	PN10/16	350	185	7,5	7	23	T125080
125	100	PN10/16	370	195	7.5	7.2	20.5	T125100
125	125	PN10/16	400	200	7.5	7.5	24.5	T125125
150	50	PN10/16	335	175	7.8	7	27.8	T150050
150	65	PN10/16	440	195	7.8	7	22	T150065
150	80	PN10/16	360	200	7.8	7	22.1	T150080
150	100	PN10/16	440	210	7.8	7.2	23.9	T150100
150	125	PN10/16	410	215	7,8	7,5	26	T150125
150	150	PN10/16	440	220	7.8	7.8	26.5	T150150
200	50	PN10	365	200	8.4	7	31.1	T200050
200	65	PN10	365	215	8.4	7	30.5	T200065
200	80	PN10	380	225	8.4	7	30.6	T200080
200	100	PN10	400	230	8.4	7.2	32	T200100
200	80	PN16	380	265	8,4	7	30,6	TP200080
200	100	PN16	400	230	8.4	7.2	32.5	TP200100
200	150	PN10	460	245	8.4	7.8	37	T200150
200	150	PN16	460	245	8.4	7.8	37	TP200150
200	200	PN10	520	260	8.4	8.4	39.5	T200200



DN1	DN2	Flange drilling	L	H	e1	e2	Weight	BLUCAST ref. no.
200	200	PN16	520	260	8.4	8.4	40.5	TP200200
250	80	PN10	405	265	9	7	40.5	T250080
250	100	PN10	425	270	9	7.2	42.8	T250100
250	100	PN16	425	270	9	7.2	40.7	TP250100
250	150	PN10	485	280	9	7.8	56.7	T250150
250	150	PN16	485	280	9	7.8	49	TP250150
250	200	PN10	540	290	9	8.4	62.7	T250200
250	200	PN16	540	290	9	8.4	66	TP250200
250	250	PN10	600	300	9	9	72.7	T250250
250	250	PN16	600	300	9	9	60.4	TP250250
300	80	PN10	425	295	9.6	7	51.7	T300080
300	80	PN16	425	295	9.6	7	55.6	TP300080
300	100	PN10	450	300	9.6	7.2	53.2	T300100
300	100	PN16	450	300	9.6	7.2	53.6	TP300100
300	150	PN10	505	310	9.6	7.8	65.5	T300150
300	150	PN16	505	310	9.6	7.8	62.5	TP300150
300	200	PN10	565	320	9.6	8.4	71.7	T300200
300	200	PN16	565	320	9.6	8.4	70.6	TP300200
300	250	PN10	620	330	9.6	9	73	T300250
300	300	PN10	680	340	9.6	9.6	88.5	T300300
300	300	PN16	680	340	9.6	9.6	81.4	TP300300
350	350	PN10	760	380	10.2	10.2	135	T350350
400	100	PN10	490	360	10.8	7.2	78	T400100
400	150	PN10	550	370	10.8	7.8	85.2	T400150
400	200	PN10	610	380	10.8	8.4	91.5	T400200
400	250	PN10	665	390	10.8	9	102	T400250
400	300	PN10	725	400	10.8	9.6	112	T400300
400	400	PN10	840	420	10.8	10.8	132	T400400
500	100	PN10	535	400	12	7.2	113	T500100
500	150	PN10	600	410	12	7.8	116	T500150
500	200	PN10	650	415	12	8.4	124	T500200
500	250	PN10	680	430	12	9	131.5	T500250
500	300	PN10	740	450	12	9.6	143	T500300
500	400	PN10	885	480	12	10.8	188	T500400
500	500	PN10	1000	500	12	12	198	T500500
600	100	PN10	550	450	13.2	7.2	172	T600100
600	150	PN10	650	455	13.2	7.8	158.8	T600150
600	200	PN10	700	460	13.2	8.4	164.7	T600200
600	300	PN10	810	500	13.2	9.6	227	T600300
600	400	PN10	930	530	13.2	10.8	212	T600400
600	600	PN10	1100	550	13.2	13.2	273	T600600

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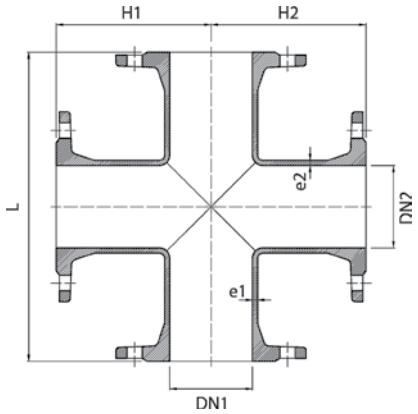
ALL FLANGED CROSS series TT

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2
Drilling of flanges: PN10/16, starting from DN200 - PN10
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN1	DN2	L	H1	H2	Weight	BLUCAST ref. no.
50	50	300	150	150	13	TT050
65	65	330	165	165	19.5	TT065
80	80	330	165	165	17	TT080
100	50	330	165	165	24	TT100050
100	80	330	170	170	24	TT100080
100	100	360	180	180	25	TT100100
150	80	360	200	200	27	TT150080
150	100	380	205	205	30	TT150100
150	150	440	220	220	36.6	TT150
200	100	400	230	230	36.5	TT200100
200	150	460	245	245	43	TT200150
200	200	520	260	260	53.5	TT200
200	200	520	260	260	60.9	TTP200
250	100	420	270	270	51.6	TT250100
250	250	600	300	300	74.8	TT250
300	100	450	300	300	58.6	TT300100
300	150	500	310	310	70	TT300150
300	200	560	320	320	116	TT300200
300	300	680	340	340	102h	TT300
350	350	760	380	380	174	TT350
400	100	490	360	360	149	TT400100
400	150	550	370	370	151	TT400150
400	400	840	420	420	186	TT400
500	500	1000	500	500	231.5	TT500
600	600	1100	550	550	416	TT600



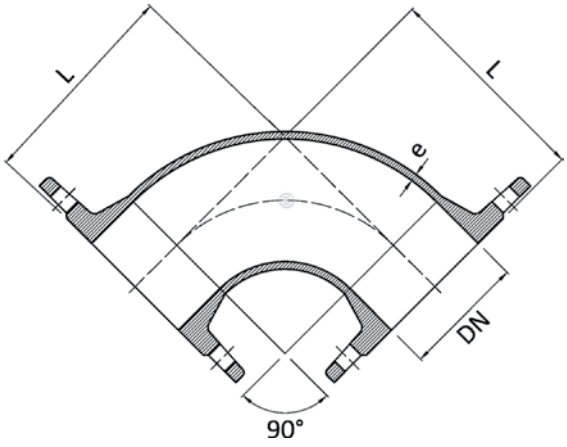
All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

DOUBLE FLANGED BEND 90° series Q

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10 or PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN	Flange drilling	L	e	Weight	BLUCAST ref. no.
50	PN10/16	150	7	5	Q050
65	PN10/16	160	7	7.8	Q065
80	PN10/16	165	7	8	Q080
100	PN10/16	180	7.2	9.6	Q100
125	PN10/16	200	7.5	13.7	Q125
150	PN10/16	220	7.8	17.6	Q150
200	PN10	260	8.4	28.8	Q200
200	PN16	260	8.4	33.6	QP200
250	PN10	350	9	44	Q250
250	PN16	350	9	52	QP250
300	PN10	400	9.6	62	Q300
300	PN16	400	9.6	72	QP300
400	PN10	500	10.4	151	Q400
500	PN10	600	12	155	Q500
600	PN10	700	13.2	272	Q600

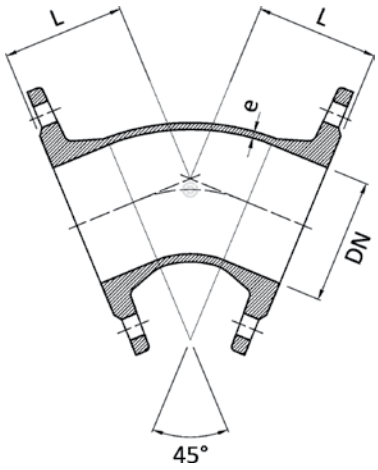


DOUBLE FLANGED BEND 45° series FFK

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN	Flange drilling	L	e	Weight	BLUCAST ref. no.
50	PN10/16	150	7	7.6	FFK050
65	PN10/16	165	7	8.7	FFK065
80	PN10/16	130	7	7.5	FFK080
100	PN10/16	140	7.2	10	FFK100
150	PN10/16	160	7.8	17.2	FFK150
200	PN10	180	8.4	28	FFK200
250	PN10	245	9	46	FFK250
300	PN10	275	9.6	64	FFK300
400	PN10	325	10.4	96	FFK400
500	PN10	375	12	145	FFK500
600	PN10	400	13.2	211	FFK600



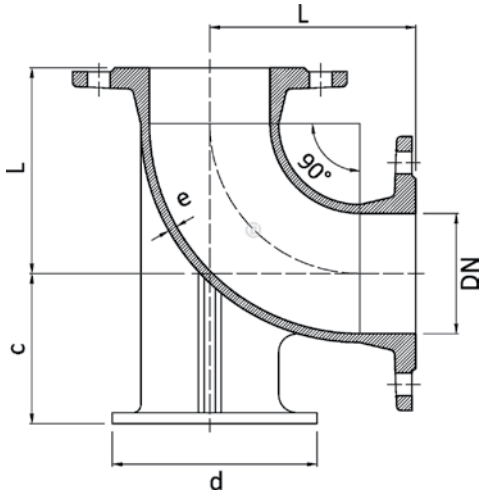
All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

DUCKFOOT BEND 90° series N

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN	Flange drilling	L	C	d	e	Weight	BLUCAST ref. no.
50	PN10/16	150	95	160	7	7.2	N050
80	PN10/16	165	110	180	7	10.1	N080
100	PN10/16	180	125	200	7.2	13	N100
150	PN10/16	220	160	250	7.8	26	N150
200	PN10	260	190	300	8.4	42	N200
250	PN10	350	225	350	9	71	N250
300	PN10	400	255	400	9.6	109	N300
400	PN10	500	320	500	10.8	185	N400
500	PN10	600	385	600	12	292	N500
600	PN10	700	450	700	13.2	446	N600



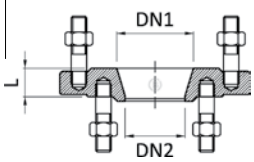
STUDDED REDUCER FLANGE series XR

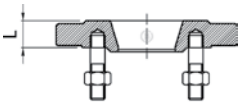
TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2
Drilling of flanges: PN10/16, starting from DN200 - PN10
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating
Bolts, nuts and washers - hot dip galvanized 8.8 carbon steel

DN1	DN2	Flange drilling	L	Screws	Weight	BLUCAST ref. no.
65	50	PN10/16	45	D	6	XR065050
80	50	PN10/16	30	D	5.6	XR080050
80	65	PN10/16	30	D	5.6	XR080065
100	50	PN10/16	30	D	4.8	XR100050
100	65	PN10/16	30	D	6.3	XR100065
100	80	PN10/16	45	D	9.6	XR100080
125	80	PN10/16	31	D	8.7	XR125080
125	100	PN10/16	42	D	9.9	XR125100
150	50	PN10/16	33	S	9.9	XR150050
150	65	PN10/16	30	S	8.6	XR150065
150	80	PN10/16	30	S	8.7	XR150080
150	100	PN10/16	30	D	9	XR150100
150	125	PN10/16	45	D	13	XR150125
200	50	PN10	33	S	20.5	XR200050
200	65	PN10	33	S	11.9	XR200065
200	80	PN10	33	S	13.5	XR200080
200	100	PN10	33	S	11.9	XR200100
200	150	PN10	38	S	14.3	XR200150
250	100	PN10	31	D	18.4	XR250100
250	150	PN10	40	S	17.2	XR250150
250	200	PN10	50	D	19.3	XR250200
300	80	PN10	31	D	25.7	XR300080
300	100	PN10	40	D	24.3	XR300100
300	150	PN10	31	D	21.8	XR300150
300	200	PN10	32	S	20.4	XR300200
300	250	PN10	33	D	22.2	XR300250
400	100	PN10	38	S	45.5	XR400100
400	150	PN10	38	S	38.2	XR400150
400	200	PN10	38	S	45.9	XR400200
400	250	PN10	38	S	33.6	XR400250
400	300	PN10	39	S	37.9	XR400300
500	100	PN10	47	S	65	XR500100
500	200	PN10	47	S	61	XR500200
500	300	PN10	47	S	56.9	XR500300
500	400	PN10	47	S	57.7	XR500400
600	400	PN10	59	D	115	XR600400
600	500	PN10	59	D	120	XR600500

Screwed: S- single set, D- double set





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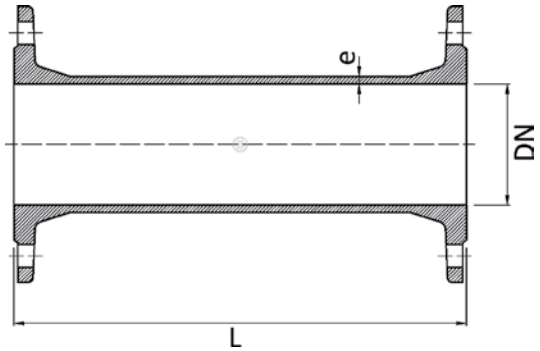
DOUBLE FLANGED PIPE series FF

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Drilling of flanges: PN10/16, starting from DN200 - PN10
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN	Flange drilling	L	e	Weight	BLUCAST ref. no.
50	PN10/16	100	7	4.75	FF050100
50	PN10/16	200	7	6.5	FF050200
50	PN10/16	300	7	6.4	FF050300
50	PN10/16	400	7	7.4	FF050400
50	PN10/16	500	7	11	FF050500
50	PN10/16	1000	7	14	FF0501000
65	PN10/16	100	7	7,2	FF065100
65	PN10/16	200	7	6.9	FF065200
65	PN10/16	300	7	7.7	FF065300
65	PN10/16	500	7	8.9	FF065500
65	PN10/16	1000	7	18	FF0651000
80	PN10/16	100	7	6.4	FF080100
80	PN10/16	200	7	9.3	FF080200
80	PN10/16	300	7	9.4	FF080300
80	PN10/16	400	7	10.4	FF080400
80	PN10/16	500	7	10.3	FF080500
80	PN10/16	600	7	13.4	FF080600
80	PN10/16	800	7	18.8	FF080800
80	PN10/16	1000	7	18.5	FF0801000
100	PN10/16	100	7.2	7.3	FF100100
100	PN10/16	200	7.2	10.5	FF100200
100	PN10/16	300	7.2	11.4	FF100300
100	PN10/16	400	7.2	12.3	FF100400

DN	Flange drilling	L	e	Weight	BLUCAST ref. no.
100	PN10/16	500	7.2	13.5	FF100500
100	PN10/16	1000	7.2	24.5	FF1001000
150	PN10/16	100	7.8	12	FF150100
150	PN10/16	200	7.8	14.4	FF150200
150	PN10/16	300	7.8	15.9	FF150300
150	PN10/16	400	7.8	21	FF150400
150	PN10/16	500	7.8	22.7	FF150500
150	PN10/16	1000	7.8	38.4	FF1501000
200	PN10	100	8.4	16.8	FF200100
200	PN10	200	8.4	19.9	FF200200
200	PN10	300	8.4	24	FF200300
200	PN10	400	8.4	31	FF200400
200	PN10	500	8.4	35	FF200500
200	PN10	1000	8.4	51	FF2001000
250	PN10	200	9	29	FF250200
250	PN10	300	9	31.4	FF250300
250	PN10	500	9	44	FF250500
250	PN10	1000	9	66	FF2501000
300	PN10	100	9.6	28	FF300100
300	PN10	200	9.6	33.5	FF300200
300	PN10	300	9.6	56.3	FF300300
300	PN10	400	9.6	52	FF300400
300	PN10	500	9.6	53.4	FF300500
300	PN10	1000	9.6	79	FF3001000



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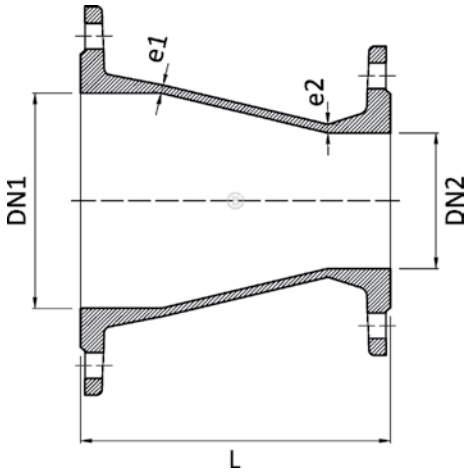
DOUBLE FLANGED TAPER series FFR

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN1	DN2	Flange drilling	L	e1	e2	Weight	BLUCAST ref. no.
65	50	PN10/16	200	7	7	6.25	FFR065050
80	50	PN10/16	200	7	7	7	FFR080050
80	65	PN10/16	200	7	7	7.45	FFR080065
100	50	PN10/16	200	7.2	7	7.3	FFR100050
100	65	PN10/16	200	7.2	7	8.2	FFR100065
100	80	PN10/16	200	7.2	7	8.6	FFR100080
125	80	PN10/16	200	7,4	7	9.4	FFR125080
125	100	PN10/16	200	7.4	7	11.4	FFR125100
150	50	PN10/16	200	7.8	7	12	FFR150050
150	65	PN10/16	200	7.8	7	11.2	FFR150065
150	80	PN10/16	200	7.8	7	11.4	FFR150080
150	100	PN10/16	200	7.8	7.2	11.8	FFR150100
150	125	PN10/16	200	7.8	7.5	17.2	FFR150125
200	80	PN10	300	8.4	7	16.3	FFR200080
200	80	PN16	300	8.4	7	17.5	FFRP200080
200	100	PN10	300	8.4	7.2	18	FFR200100
200	100	PN16	300	8.4	7.2	21.9	FFRP200100
200	150	PN10	300	8.4	7.8	20.5	FFR200150
200	150	PN16	300	8.4	7.8	21	FFRP200150

DN1	DN2	Flange drilling	L	e1	e2	Weight	BLUCAST ref. no.
250	100	PN10	300	9	7.2	24.2	FFR250100
250	100	PN16	300	9	7.2	23	FFRP250100
250	150	PN10	300	9	7.8	25.5	FFR250150
250	150	PN16	300	9	7.8	20	FFRP250150
250	200	PN10	300	9	8.4	29.5	FFR250200
250	200	PN16	300	9	8.4	27.6	FFRP250200
300	100	PN10	300	9.6	7.2	27.9	FFR300100
300	100	PN16	300	9.6	7.2	27.5	FFRP300100
300	150	PN10	300	9.6	7.8	26.5	FFR300150
300	200	PN10	300	9.6	8.4	33.4	FFR300200
300	200	PN16	300	9.6	8.4	33.3	FFRP300200
300	250	PN10	300	9.6	9	38	FFR300250
300	250	PN16	300	9.6	9	34.8	FFRP300250
400	100	PN10	300	10.8	9	51	FFR400100
400	150	PN10	300	10.8	9	41	FFR400150
400	200	PN10	300	10.8	9	62	FFR400200
400	250	PN10	300	10.8	9	45	FFR400250
400	300	PN10	300	10.8	9	50	FFR400300
500	300	PN10	300	12	12	89	FFR500300
500	400	PN10	300	12	12	110	FFR500400
600	300	PN10	400	13.2	13.2	152	FFR600300
600	400	PN10	300	13.2	13.2	142	FFR600400



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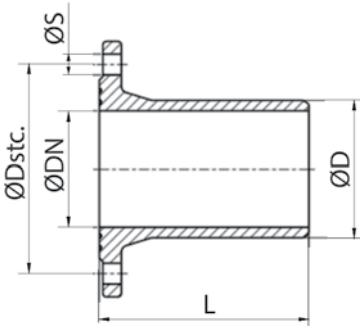
TYTON FLANGE SPIGOT series F

APPLICATION
TYTON fittings for drinking water and neutral liquids up to +80°C

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10
Designed according to EN545
Maximum working pressure: PN16 / 16 Bar
Working temperature: 0˚C- +80˚C
Color RAL5015
Powder epoxy coating 250 µm thickness
Drilling of flanges: PN10/16, starting from DN200 - PN10
Body - Ductile cast iron EN-GJS-500-7
WRAS approved epoxy coating, ACS approved epoxy coating available

DN	D	L	Weight	BLUCAST ref. no.
80	98	350	7.35	F080
100	118	360	8.7	F100
150	170	380	14.9	F150
200	222	400	26.6	F200
250	274	420	29.6	F250
300	326	440	43	F300

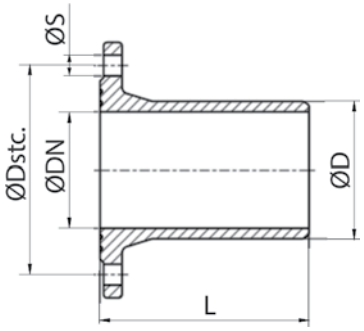


FLANGE SPIGOT FOR PVC PIPES series FW

APPLICATION
Flanged fittings for drinking water and neutral liquids up to +80°C

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10
Designed according to EN545
Maximum working pressure: PN16 / 16 Bar
Working temperature: 0˚C- +80˚C
Color RAL5015
Powder epoxy coating 250 µm thickness
Drilling of flanges: PN10/16, starting from DN200 - PN10
Body - Ductile cast iron EN-GJS-500-7
WRAS approved epoxy coating, ACS approved epoxy coating available

DN	D	L	Weight	BLUCAST ref. no.
80	90	128	4.15	FW080
100	110	141	4.95	FW100
150	160	171	8.6	FW150
200	200	192	16.2	FW200
200	225	192	12.45	FW200225
250	250	200	24.7	FW250
300	315	215	35.4	FW300



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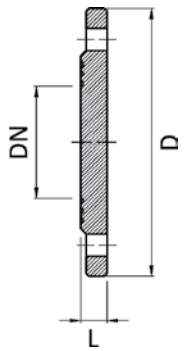
BLIND FLANGE series X

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
WRAS approved epoxy coating,
ACS approved epoxy coating under request

DN	Flange drilling	D	L	Weight	BLUCAST ref. no.
50	PN10/16	165	19	2.45	X050
65	PN10/16	185	19	3.4	X065
80	PN10/16	200	19	3.7	X080
100	PN10/16	220	19	4	X100
125	PN10/16	250	19	5.9	X125
150	PN10/16	285	19	7.2	X150
200	PN10	340	20	10.9	X200
200	PN16	340	20	10.1	XP200
250	PN10	400	22	13.5	X250
250	PN16	400	22	16.5	XP250
300	PN10	455	24.5	21.1	X300
300	PN16	455	24.5	20.3	XP300
400	PN10	565	24.5	31	X400
500	PN10	670	26.5	48.4	X500
600	PN10	780	30	69.3	X600

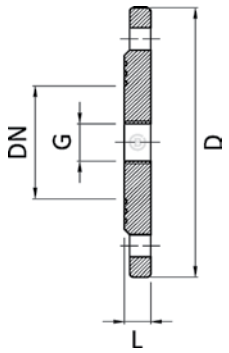


THREADED BLIND FLANGE series XS

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
Universal flange drilling PN10/16

DN	Flange drilling	G	D	L	Weight	BLUCAST ref. no.
50	PN10/16	1"	165	17	2.3	XS0501
50	PN10/16	1 1/4"	165	17	2.3	XS050114
50	PN10/16	1 1/2"	165	17	2.3	XS050112
50	PN10/16	2"	165	17	2.3	XS0502
65	PN10/16	1"	185	19	3.3	XS0651
65	PN10/16	1 1/2"	185	19	3.3	XS065112
65	PN10/16	1 1/4"	185	19	3.3	XS065114
65	PN10/16	2"	185	19	3.3	XS0652
80	PN10/16	1"	200	19	3.6	XS0801
80	PN10/16	1 1/4"	200	19	3.6	XS080114
80	PN10/16	2"	200	19	3.6	XS0802
100	PN10/16	1"	220	21	3.95	XS1001
100	PN10/16	1 1/4"	220	21	3.95	XS100114
100	PN10/16	1 1/2"	220	21	3.95	XS100112
100	PN10/16	2"	220	21	3.95	XS1002
150	PN10/16	1"	285	23	7	XS1501
150	PN10/16	2"	285	23	7	XS1502
200	PN10	1"	340	23	10.7	XS2001
200	PN10/16	2"	340	23	10.7	XS2002
250	PN10	1"	400	25	13.8	XS2501
250	PN10/16	2"	400	25	13.8	XS2502
300	PN10/16	2"	455	25	19.65	XS3002
300	PN10	1"	455	25	19	XS3001



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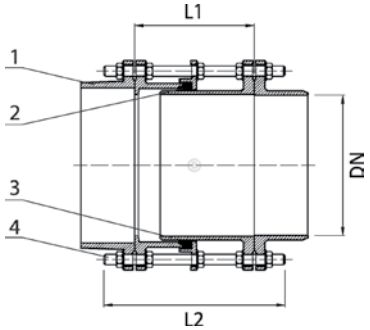
DISMANTLING JOINT series DJ

TECHNICAL CHARACTERISTICS

PN16 and PN25 versions available
Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
Bolts, nuts and washers - hot dip galvanized 8.8 carbon steel or stainless steel A2 option available
Gasket - EPDM. NBR option available

DUCTILE IRON FITTINGS

Nominal size	Flange drilling	L1 min	L1 max	Bolt	Quantity & hole size	Weight	BLUCAST ref. no.
DN50	PN10/16	170	220	M16	4 x 19	9.9	DJ050
DN65	PN10/16	170	220	M16	4 x 19	10.3	DJ065
DN80	PN10/16	190	240	M16	8 x 19	14.4	DJ080
DN100	PN10/16	200	250	M16	8 x 19	16.5	DJ100
DN125	PN10/16	200	250	M16	8 x 19	22	DJ125
DN150	PN10/16	200	250	M20	8 x 23	26	DJ150
DN200	PN10	200	250	M20	8 x 23	33.8	DJ200
DN200	PN16	200	250	M20	12 x 23	41.5	DJP200
DN250	PN10	210	260	M20	12 x 23	46	DJ250
DN250	PN16	210	260	M24	12 x 28	58.3	DJP250
DN300	PN10	220	270	M20	12 x 23	60	DJ300
DN300	PN16	220	270	M24	12 x 28	74.5	DJP300
DN350	PN10	230	280	M20	16 x 23	82.5	DJ350
DN400	PN10	240	290	M24	16 x 28	97	DJ400
DN400	PN16	290	110	M27	16 x 31	110	DJP400
DN500	PN10	260	310	M24	20 x 28	126	DJ500
DN500	PN16	310	192	M30	20 x 34	192	DJP500
DN600	PN10	280	330	M27	20 x 31	177	DJ600
DN600	PN16	330	261	M33	20 x 37	261	DJP600
DN700	PN10	290	340	M27	24 x 31	235	DJ700
DN800	PN10	300	350	M30	24 x 34	248	DJ800
DN900	PN10	310	360	M30	28 x 34	327	DJ900
DN1000	PN10	315	365	M33	28 x 37	354	DJ1000
DN1200	PN10	350	400	M36	32 x 40	507	DJ1200
DN1400	PN10	370	420	M39	36 x 43	1190	DJ1400
DN1600	PN10	370	420	M45	40 x49	1436	DJ1600
DN1800	PN10	390	440	M45	44 x49	1880	DJ1800
DN2000	PN10	410	460	M45	48 x49	2206	DJ2000
DN2200	PN10	450	500	M52	52 x 56	2800	DJ2200



No.	Item	Material
1	Body	Ductile iron EN-GJS-500-7
2	Gasket	EPDM
3	Body	Ductile iron EN-GJS-500-7
4	Bolts	8.8 steel hot dip galvanized

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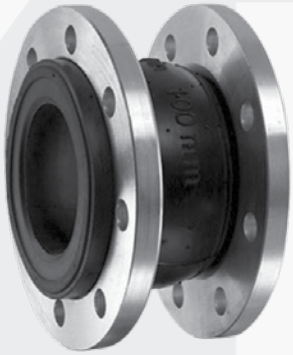
FLANGED RUBBER EXPANSION JOINT series EXP

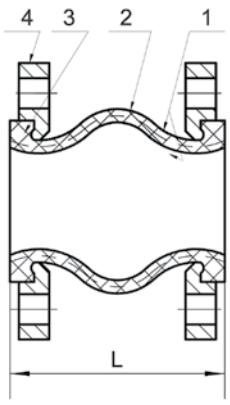


APPLICATION
Flanged rubber expansion joint for drinking water and neutral liquids

DESIGN FEATURES
Single sphere design
Absorbs vibration and noise
Compensates axial, lateral, and angular displacements
Withstands water hammer impact
Maximum deflection angle - 15°

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10/16
Maximum working pressure: PN16 / 16 Bar
Working temperature: 0˚C- +80˚C
Drilling of flanges: PN10/16, starting from DN200 - PN10 or PN16
Flanged are zinc coated with 30 microns thickness

DN	Flange drilling	LL (+/-5mm)	Weight	Axial displacement (maximum)		BLUCAST ref. no.
				Stretch	Compression	
50	PN10/16	105	4.3	7	10	EXP050
65	PN10/16	115	5.1	7	10	EXP065
80	PN10/16	130	6.5	7	13	EXP080
100	PN10/16	135	7.3	8	15	EXP100
125	PN10/16	165	10	10	19	EXP125
150	PN10/16	180	13	16	19	EXP150
200	PN10	210	19	16	20	EXP200
200	PN16	210	19	16	25	EXPP200
250	PN10	230	26	16	25	EXP250
250	PN16	230	26	16	25	EXPP250
300	PN10	245	39	16	25	EXP300
300	PN16	245	39	16	25	EXPP300



No.	Item	Material
1	Rubber body	EPDM
2	Lining	Nylon cord fabric
3	Frame	Hard steel wire
4	Flange	S235

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

FLANGE ADAPTOR FOR PE/PVC PIPES series AQZ

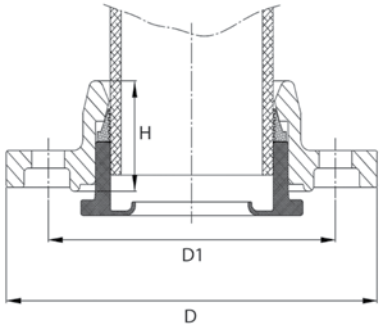
APPLICATION
Flange adaptors dedicated for PE and PVC pipes

DESIGN FEATURES
Quick restrained connection with brass ring prevents axial movement of the pipe

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness

DN	Flange drilling	DE	H	D	D1	KG	BLUCAST ref. no.
50	PN10/16	63	45	165	125	1.7	AQZ050063
60-65	PN10/16	63	45	185	125	1.75	AQZ065063
60-65	PN10/16	75	45	185	145	1.75	AQZ065075
80	PN10/16	90	53	200	160	2.3	AQZ080090
100	PN10/16	110	56	220	180	2.6	AQZ100110
125	PN10/16	125	60	250	210	3.4	AQZ125125
150	PN10/16	160	69	285	240	4.3	AQZ150160
200	PN10/16	200	74	340	295	6.25	AQZ200200
200	PN10/16	225	74	340	295	5.35	AQZ200225
250	PN10/16	250	85	400	355	8.6	AQZ250250
300	PN10/16	315	95	455	410	11	AQZ300315
400	PN10/16	400	105	565	515	28	AQZ400400

No.	Item	Material
1	Body	Ductile iron EN-GJS-500-7
2	Locking ring	Brass
3	Sealing gasket	EPDM



FLANGE ADAPTOR FOR PE/PVC PIPES series APA

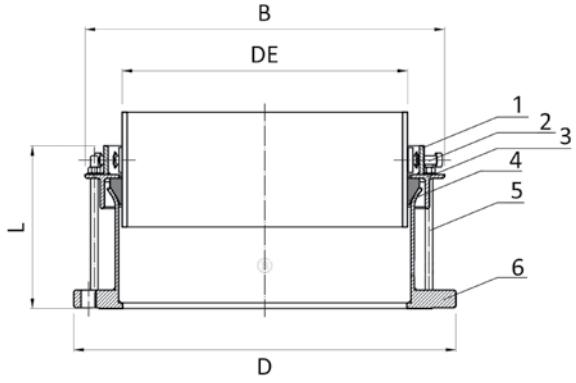
APPLICATION
Flange adaptors dedicated for PE and PVC pipes

DESIGN FEATURES
Restrained connection with locking teeth prevents axial movement of the pipe

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2: PN10
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Bolts and nuts - 4.8 steel hot dip galvanized

DN	Flange drilling	DE	L	D	B	KG	BLUCAST ref. no.
300	PN10/16	355	277	455	487	31.4	APA300355
350	PN10/16	355	285	505	487	35.2	APA350355
400	PN10/16	400	285	565	532	44.5	APA400
400	PN10/16	455	285	565	632	52.2	APA400455
450	PN10/16	455	285	610	632	55	APA450
500	PN10/16	500	285	670	632	57	APA500
600	PN10/16	630	285	780	762	72.2	APA600

No.	Item	Material
1	Restraining tooth	4.8 steel hot dip galvanized
2	Bolt	4.8 steel hot dip galvanized
3	Bracket	EN-GJS-500-7
4	Gasket	EPDM
5	Bolt	4.8 steel hot dip galvanized
6	Body	EN-GJS-500-7



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FLANGE ADAPTOR FOR PE/PVC PIPES series APZ

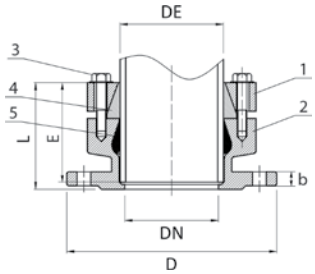
APPLICATION
Flange adaptors dedicated for PE and PVC pipes

DESIGN FEATURES
Restrained connection with brass ring prevents axial movement of the pipe

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Bolts, buts and washers - A2 stainless steel

DN	Flange drilling	DE	L	D	b	E	KG	BLUCAST ref. no.
50	PN10/16	63	90	165	19	80	2.7	APZ050063
60	PN10/16	75	92	175	19	82	4.4	APZ060075
65	PN10/16	63	90	185	19	80	2.9	APZ065063
65	PN10/16	75	92	185	19	82	3	APZ065075
80	PN10/16	75	92	200	19	82	5	APZ080075
80	PN10/16	90	95	200	19	85	4.2	APZ080090
100	PN10/16	90	95	220	19	85	4.6	APZ100090
100	PN10/16	110	95	220	19	85	4.7	APZ100110
100	PN10/16	125	97	220	19	87	5.5	APZ100125
125	PN10/16	110	95	250	19	85	6	APZ125110
125	PN10/16	125	97	250	19	87	6.75	APZ125125
125	PN10/16	140	105	250	19	95	5.8	APZ125140
150	PN10/16	160	115	285	19	105	8.1	APZ150160
150	PN10/16	180	125	285	19	115	8.3	APZ150180
200	PN10/16	200	135	340	20	125	11.8	APZ200200
200	PN10/16	225	138	340	20	128	11.5	APZ200225
250	PN10/16	250	155	400	22	145	17.4	APZ250250
250	PN10/16	280	158	400	22	148	17.3	APZ250280
300	PN10/16	315	184	455	25	174	24	APZ300315
400	PN10/16	400	245	580	25	232	40.5	APZ400400

No.	Item	Material
1	Bracket	Ductile iron EN-GJS-500-7
2	Body	Ductile iron EN-GJS-500-7
3	Bolt	AISI306
4	Locking ring	Brass
5	Sealing gasket	EPDM



COUPLING FOR PE/PVC PIPES series MPZ

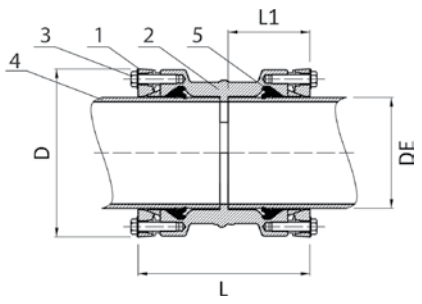
APPLICATION
Restrained couplings dedicated for PE and PVC pipes

DESIGN FEATURES
Restrained connection with brass ring prevents axial movement of the pipe

TECHNICAL CHARACTERISTICS
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Bolts, nuts and washers: A2 stainless steel

DE	L	D	L1	KG	BLUCAST ref. no.
63	171	124	80	3	MPZ063
75	175	138	82	3.4	MPZ075
90	181	152	85	5.3	MPZ090
110	181	172	85	5.7	MPZ110
125	185	193	87	6.5	MPZ125
160	221	236	105	11	MPZ160
200	261	284	125	15.8	MPZ200
225	265	314	128	17	MPZ225
250	300	347	145	23.1	MPZ250
315	358	422	174	33	MPZ315

No.	Item	Material
1	Bracket	Ductile iron EN-GJS-500-7
2	Body	Ductile iron EN-GJS-500-7
3	Bolt	AISI306
4	Locking ring	Brass
5	Sealing gasket	EPDM



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UNIMAX UNIVERSAL ADAPTOR series AUN

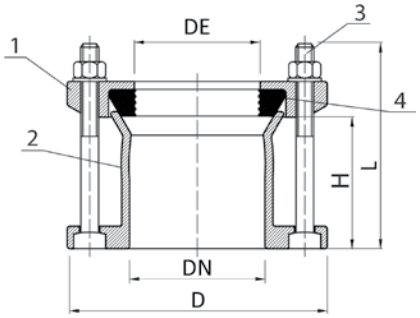
APPLICATION
Universal flange adaptor is used for connecting various pipe materials with flanged fittings

DESIGN FEATURES
Large tolerance
Universal drilling for compatibility with both PN10 and PN16
The bolt ends are protected with plastic caps

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2: PN10/PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Bolts, nuts and washers - carbon steel 8.8 hot dip galvanized
Maximum angular deflection - 4°

DN	DE	D	H	Bolts	Bolt qty.	KG	BLUCAST ref. no.
50	57-74	164	75	M12x120	4	3	AUN050
65	63-85	182	75	M12x120	4	3.8	AUN065
80	85-107	192	75	M12x120	4	4	AUN080
100	107-132	224	75	M12x120	4	5	AUN100
125	132-158	246	75	M12x120	4	6.3	AUN125
150	158-184	283	75	M12x120	4	6.5	AUN150
200	189-212	333	75	M12x140	4	8	AUN200B
200	218-244	333	75	M12x140	4	8.4	AUN200
225	243-269	375	85	M12x140	6	12	AUN250B
250	266-295	394	85	M12x140	6	11.4	AUN250
300	315-349	440	85	M12x140	6	15	AUN300
350	351-378	481	111	M14x180	8	28	AUN350
400	400-420	526	111	M14x180	8	33	AUN400420
400	417-437	536	111	M14x180	8	32	AUN400
500	500-532	715	113	M16x180	10	47	AUN500532
500	526-546	618	113	M14x180	10	48	AUN500
600	630-650	734	115	M14x180	10	59	AUN600

No.	Item	Material
1	Bracket	Ductile iron EN-GJS-500-7
2	Body	Ductile iron EN-GJS-500-7
3	Bolt	8.8 carbon steel hot dip galvanized
4	Sealing gasket	EPDM



UNIMAX UNIVERSAL COUPLING series MUN

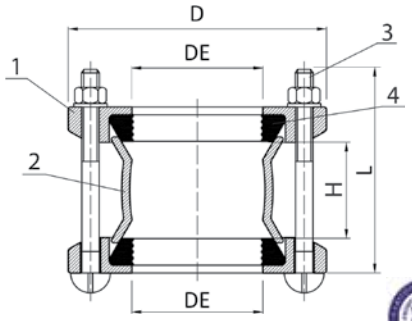
APPLICATION
Universal couplings are used for connecting various pipes

DESIGN FEATURES
Large tolerance
The bolt ends are protected with plastic caps

TECHNICAL CHARACTERISTICS
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Bolts, nuts and washers - carbon steel 8.8 hot dip galvanized
Maximum angular deflection at each end - 4°

DN	DE	D	H	Bolts	Bolt qty.	KG	BLUCAST ref. no.
50	57-74	164	100	M12x180	2	2.8	MUN050
65	63-85	182	100	M12x180	2	3.5	MUN065
80	85-107	192	100	M12x180	4	4	MUN080
100	107-132	224	100	M12x180	4	4.7	MUN100
125	132-158	246	110	M12x190	4	5.6	MUN125
150	158-184	283	110	M12x190	4	6.5	MUN150
200	189-212	304	110	M12x190	4	7	MUN200B
200	218-244	333	130	M12x210	4	9.3	MUN200
225	243-269	375	130	M12x210	4	10.5	MUN250B
250	266-295	394	130	M12x220	6	12	MUN250
300	315-349	440	130	M12x220	6	15.5	MUN300
350	351-378	481	130	M14x250	8	20	MUN350
400	417-437	536	130	M14x250	8	24.5	MUN400
500	526-546	618	130	M14x250	10	40	MUN500
600	630-650	734	130	M14x250	10	48	MUN600

No.	Item	Material
1	Bracket	Steel
2	Body	Ductile iron EN-GJS-500-7
3	Bolt	8.8 carbon steel hot dip galvanized
4	Sealing gasket	EPDM



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GIBAULT JOINT series GIB

APPLICATION

Gibault joint is used for connecting PVC pipes with drinking water and neutral liquids

DESIGN FEATURES

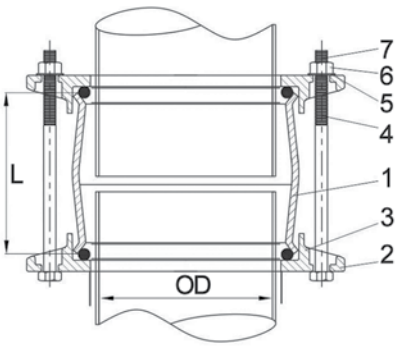
Allows a quick and guaranteed connection for PVC pipes
Designed for easy tube insertion even for large diameters

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 Bar
Working temperature: 0˚C- +80˚C
RAL5015 color
Powder epoxy coating 250 µm thickness

OD	L	Weight	BLUCAST ref. no.
63	120	2.1	GIB063
75	120	2.4	GIB075
90	130	2.7	GIB090
110	135	4	GIB110
125	150	4.5	GIB125
160	150	10	GIB160
200	180	14.5	GIB200
250	180	20	GIB250
315	180	28	GIB315

No.	Item	Material
1	Body	EN-GJS-500-7
2	Bracket	EN-GJS-500-7
3	Sealing	EPDM
4	Bolt	Carbon steel 6.8 zinc coated
5	Washer	Carbon steel 6.8 zinc coated
6	Nut	Carbon steel 6.8 zinc coated
7	Bolt cap	PE



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MAXIGRIP UNIVERSAL COUPLING series MGRIP

APPLICATION

Restrained universal coupling provides reliable connection to various types of pipes where tension resistance is required

DESIGN FEATURES

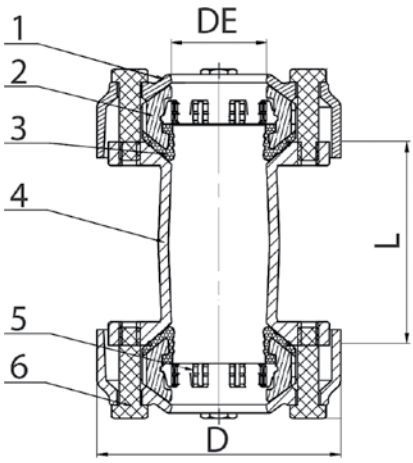
Tensile resistant
Large tolerance
Suitable for ductile iron, steel, PE, PVC, AC pipes
Independent clamping on both sides
Angular deflection up to 4°
Corrosion resistant construction

TECHNICAL CHARACTERISTICS

Mechanical locking by metal inserts to avoid pipe axial movement
Maximum working pressure: PN16 / 16 bar
Working temperature: -10°C - +80°C
Gasket - EPDM (NBR option available)
Galvanised carbon steel tension locks acc. to EN10025
Epoxy powder coating acc. to DIN30677 - minimum 250 µm thickness
Color RAL5015
Tested acc. to EN14525

DN	D	DE	L	Weight	BLUCAST ref. no.
50	187	46-70	155	7.5	MGRIP050
65	212	70-95	155	9.6	MGRIP065
80	240	88-123	165	12	MGRIP080
100	260	108-143	165	14	MGRIP100
125	285	133-168	175	14.6	MGRIP125
150	311	159-194	175	17	MGRIP150
200	370	200-235	193	22	MGRIP200
250	420	250-285	203	29.5	MGRIP250
300	485	315-350	213	37	MGRIP300
350	528	353-388	255	43	MGRIP350
400	573	398-433	286	49	MGRIP400
450	623	448-483	286	56	MGRIP450
500	674	499-534	318	65	MGRIP500
600	775	600-635	340	79	MGRIP600

No.	Item	Material
1	Bracket	EN GJS-450-12
2	Plastic tension ring	Plastic
3	Gasket	EPDM
4	Body	EN GJS-450-12
5	Grippers	Carbon steel, zinc coated
6	Bolts, nuts, washers	Stainless steel A2



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MAXIGRIP UNIVERSAL ADAPTOR series AGRIP

APPLICATION

Restrained universal flange adaptor provides reliable connection to various types of pipe where tension resistance is required

DESIGN FEATURES

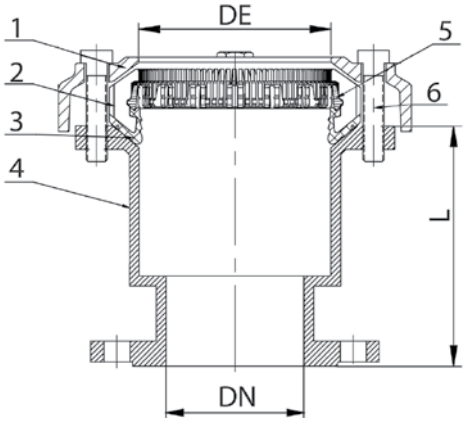
Tensile resistant
Large tolerance
Suitable for ductile iron, steel, PE, PVC, AC pipes
Universal drilling for compatibility with both PN10 and PN16
Angular deflection up to 4°
Corrosion resistant construction

TECHNICAL CHARACTERISTICS

Mechanical locking by metal inserts to avoid pipes axial movement
Flange end connections according to EN1092-2: PN10/PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: -10°C - +80°C
Body, end ring EN GJS450-12
Gaskets - EPDM (NBR option available)
Galvanized carbon steel tension locks acc. to EN10025
Epoxy powder coating acc. to DIN30677 - minimum 250 µm thickness
Color RAL5015
Tested acc. to EN14525

DN	DE	L	Weight	BLUCAST ref. no.
50	46-70	127	5.5	AGRIP050
65	70-95	150	7	AGRIP065
80	88-123	170	9.4	AGRIP080
100	108-143	180	12.6	AGRIP100
125	133-168	180	12.6	AGRIP125
150	159-194	180	14.4	AGRIP150
200	200-235	192	19.55	AGRIP200
250	250-285	215	29	AGRIP250
300	315-350	225	39	AGRIP300
350	353-388	245	45	AGRIP350
400	398-433	258	54	AGRIP400
450	448-483	258	64	AGRIP450
500	499-534	274	70	AGRIP500
600	600-635	295	90	AGRIP600

No.	Item	Material
1	Bracket	EN GJS-450-12
2	Plastic tension ring	Plastic
3	Gasket	EPDM
4	Body	EN GJS-450-12
5	Grippers	Carbon steel, zinc coated
6	Bolts, nuts, washers	Stainless steel A2



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FLANGED SADDLE WITH SS BAND FOR DI PIPES series BKF

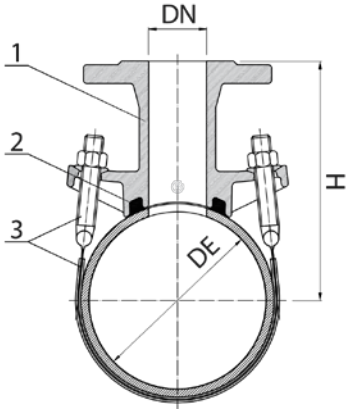
APPLICATION

BLUCAST saddles for ductile iron pipes are easy to mount, maintenance free and designed for long life.

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10/PN16
Designed according to EN545
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7

DN	DE range	Outlet DN	H	N-M	Weight	BLUCAST ref. no.
80	75-98mm	50	155	4-M12	4.95	BKF080050
100	97-118mm	50	165	4-M12	6.5	BKF100050
100	97-118mm	65	165	4-M12	8.4	BKF100065
100	97-118mm	80	170	4-M12	8.6	BKF100080
150	158-177mm	50	190	4-M16	8	BKF150050
150	158-177mm	80	200	4-M16	10.9	BKF150080
150	158-177mm	100	205	4-M16	11.2	BKF150100
200	206-233mm	50	225	6-M16	17	BKF150050
200	206-233mm	80	225	6-M16	11.9	BKF200080
200	206-233mm	100	230	6-M16	11.3	BKF200100
200	206-233mm	150	245	6-M16	13.8	BKF200150
250	260-286mm	100	270	6-M16	20.9	BKF250100
250	260-286mm	150	280	6-M16	13.3	BKF250150
300	313-338mm	100	300	8-M16	11.6	BKF300100
300	313-338mm	150	310	8-M16	18.5	BKF300150
400	400-435mm	100	405	4-M16	18.7	BKF400100
400	400-435mm	150	405	6-M16	21.3	BKF400150
500	506-535mm	100	455	4-M16	19.9	BKF500100
500	506-535mm	150	455	6-M16	26.8	BKF500150
600	610-640mm	100	505	4-M16	21.1	BKF600100
600	610-640mm	150	505	6-M16	35.8	BKF600150



No.	Item	Material
1	Body	Ductile iron EN-GJS-500-7
2	Gasket	EPDM
3	Band, nuts	Stainless steel AISI304

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FLANGED SADDLE FOR PE/PVC PIPES series BPF

APPLICATION

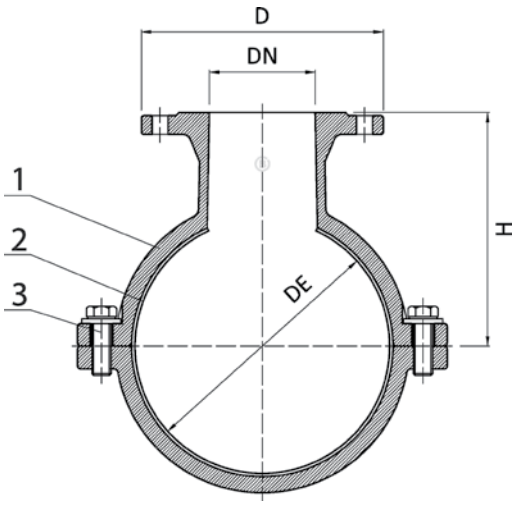
BLUCAST flanged saddles for PE/PVC are easy to mount, maintenance free and designed for long life.

TECHNICAL CHARACTERISTICS

Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Stainless steel bolts
Color RAL5015
Powder epoxy coating at least 250 µm thickness

DE	DN	L	H	D	PN	Weight	BLUCAST ref. no.
90	50	150	145	165	PN10/16	6	BPF090050
110	50	200	165	165	PN10/16	6.9	BPF110050
110	65	200	165	185	PN10/16	8.5	BPF110065
110	80	200	165	200	PN10/16	8.4	BPF110080
125	100	165	185	220	PN10/16	11.5	BPF125100
140	100	165	200	220	PN10/16	12	BPF140100
160	50	230	190	165	PN10/16	11	BPF160050
160	80	230	190	200	PN10/16	15.9	BPF160080
160	100	230	190	220	PN10/16	14	BPF160100
200	50	230	220	165	PN10/16	16.3	BPF200050
200	80	230	230	200	PN10/16	16	BPF200080
200	100	230	230	220	PN10/16	16	BPF200100
200	150	230	240	285	PN10/16	19	BPF200150
225	50	230	240	165	PN10/16	16	BPF225050
225	80	230	240	200	PN10/16	16	BPF225080
225	100	230	240	220	PN10/16	17	BPF225100
225	150	230	250	285	PN10/16	19	BPF225150
250	50	300	230	165	PN10/16	19	BPF250050
250	80	300	240	200	PN10/16	20	BPF250080
250	100	300	240	220	PN10/16	21	BPF250100
250	150	300	240	285	PN10/16	24	BPF250150
315	50	300	295	165	PN10/16	22	BPF315050
315	80	300	295	200	PN10/16	27	BPF315080
315	100	300	315	220	PN10/16	23	BPF315100
315	150	300	315	285	PN10/16	31	BPF315150
400	80	390	330	200	PN10/16	50.2	BPF400080
400	100	390	330	220	PN10/16	52.2	BPF400100
400	150	390	330	285	PN10/16	54.2	BPF400150
500	100	300	405	220	PN10/16	60	BPF500100

No.	Item	Material
1	Body	Ductile iron EN-GJS-500-7
2	Gasket	EPDM
3	Bolts	AISI304 stainless steel



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SADDLE FOR PE/PVC PIPES series BPE

APPLICATION

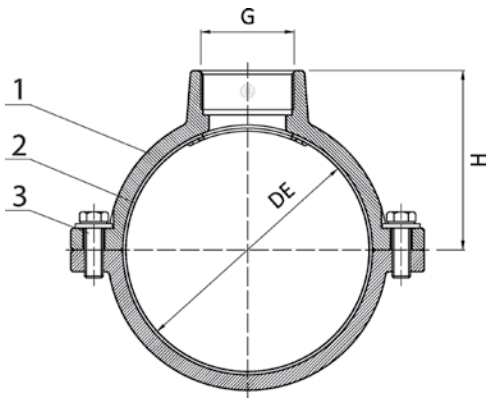
BLUCAST saddles for PE/PVC are easy to mount, maintenance free and designed for long life.

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness

DN	DE	G	Length	H	Weight	BLUCAST ref. no.
DN50	50	1″	100	84	1.5	BPE0501
DN50	50	1 1/4″	100	84	1.5	BPE050114
DN50	50	1 1/2″	100	84	2	BPE050112
DN63	63	1″	100	97	1.7	BPE0631
DN63	63	1 1/4″	100	97	1.7	BPE063114
DN63	63	1 1/2″	100	97	1.7	BPE063112
DN63	63	2″	100	97	1.8	BPE0632
DN75	75	1″	100	111	2.1	BPE0751
DN75	75	1 1/4″	100	111	2.1	BPE075114
DN75	75	1 1/2″	100	111	3.3	BPE075112
DN75	75	2″	100	111	2.1	BPE0752
DN90	90	1″	100	124	2.5	BPE0901
DN90	90	1 1/4″	100	124	2.5	BPE090114
DN90	90	1 1/2″	100	124	1.5	BPE090112
DN90	90	2″	100	124	2.5	BPE0902
DN110	110	1″	110	148	3.2	BPE1101
DN110	110	1 1/4″	110	148	3.2	BPE110114
DN110	110	1 1/2″	110	148	2	BPE110112
DN110	110	2″	110	148	3.2	BPE1102
DN125	125	1″	110	158	2.5	BPE1251
DN125	125	1 1/2″	110	158	2.5	BPE125112
DN125	125	2″	110	158	2.2	BPE1252
DN160	160	1″	125	209	4.9	BPE1601
DN160	160	1 1/4″	125	209	4.9	BPE160114
DN160	160	1 1/2″	125	209	4.9	BPE160112
DN160	160	2″	125	209	4.9	BPE1602
DN200	200	1″	125	251	6.4	BPE2001
DN200	200	1 1/4″	125	251	6.4	BPE200114
DN200	200	1 1/2″	125	251	5.3	BPE200112
DN200	200	2″	125	251	6.4	BPE2002
DN250	250	2″	168	351	11	BPE2502
DN315	315	2″	195	385	15.5	BPE3152

No.	Item	Material
1	Body	Ductile iron EN-GJS-500-7
2	Gasket	EPDM
3	Bolts	AISI304 stainless steel



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

SADDLE FOR DUCTILE IRON PIPES series BK

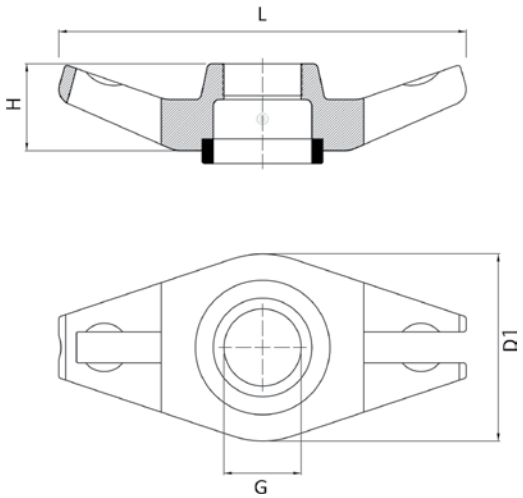
APPLICATION

BLUCAST series BK saddles can be used with different pipe sizes.
Designed to be used with series JB stainless steel bands.

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness
Body from ductile iron EN-GJS-500-7
Gasket: EPDM

DN	G	H	L	Weight	D1	Straps needed	BLUCAST ref. no.
50-200	1"	45	150	0.75	70	1	BK0501
50-200	1 1/4"	45	150	0.85	70	1	BK050114
50-200	1 1/2"	45	150	0.7	70	1	BK050112
100-300	1"	45	195	1.1	92	1	BK1001
100-300	1 1/4"	45	195	1.3	92	1	BK100114
100-300	1 1/2"	45	195	1.2	92	1	BK100112
100-300	2"	45	195	1.1	92	1	BK1002
80-700	2"	65	216	1.55	157	1	BK0802



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

STAINLESS STEEL BAND series JB

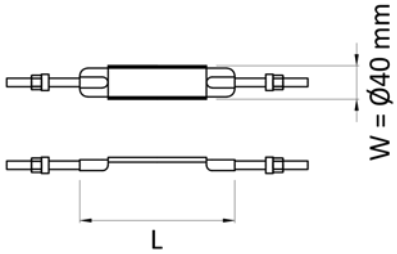
APPLICATION

JB stainless steel bands are to be used with BK saddles or BFL saddles.

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +70°C
Body from stainless steel AISI304
EPDM gasket

DE range	BK 50-200	BK100-300	BK80-700	L	Weight	BLUCAST ref. no.
60-77	x			160	0.4	JB060077
77-95	x		x	200	0.4	JB077095
98-119	x		x	270	0.39	JB098119
102-122	x	x	x	278	0.4	JB102122
120-150	x	x	x	295	0.5	JB120150
125-135	x	x	x	295	0.43	JB125135
139-160	x	x	x	368	0.5	JB139160
150-180	x	x	x	392	0.5	JB150180
200-230		x	x	530	0.6	JB200230
230-250		x	x	610	0.6	JB230250
250-280		x	x	675	0.7	JB250280
285-315		x	x	770	0.71	JB285315
315-345		x	x	860	0.8	JB315345
410-435			x	1060	0.9	JB410435
506-535			x		1	JB506535
526-546			x		1	JB526546



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

REPAIR CLAMP series RM

APPLICATION

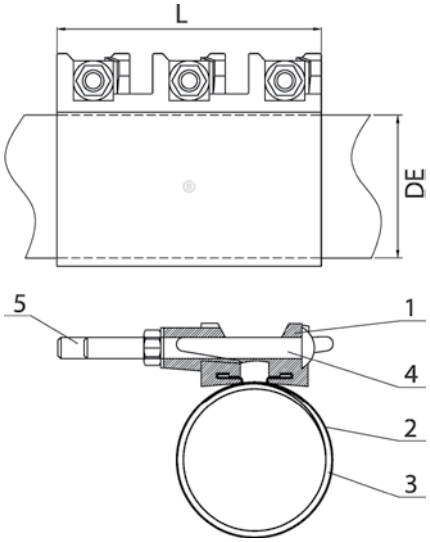
Single and double band repair clamps used for repairing broken or leaking ductile iron, steel, PE or PVC water or sewage pipelines

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Color RAL5015
Powder epoxy coating 250 µm thickness

DEmin	DEmax	Length	Weight	PN	BLUCAST ref. no.
60	67	200	4	PN16	RM060200
60	67	300	6	PN16	RM060300
75	85	200	4.1	PN16	RM075200
75	85	300	6	PN16	RM075300
88	98	200	4.2	PN16	RM088200
88	98	300	6.2	PN16	RM088300
95	105	200	4.2	PN16	RM095200
95	105	300	6.2	PN16	RM095300
108	118	200	4.4	PN16	RM108200
108	118	300	6.5	PN16	RM108300
115	128	200	4.4	PN16	RM115200
115	128	300	6.5	PN16	RM115300
132	144	200	4.5	PN16	RM132200
132	144	300	6.5	PN16	RM132300
151	161	200	4.6	PN16	RM151200
151	161	300	6.8	PN16	RM151300
158	172	200	4.85	PN16	RM158200
158	172	300	7.15	PN16	RM158300
168	182	200	4.8	PN16	RM168200
168	182	300	7	PN16	RM168300
179	189	200	4.7	PN16	RM179200
179	189	300	7	PN16	RM179300
193	203	200	5	PN16	RM193200
193	203	300	7.5	PN16	RM193300
202	212	200	5	PN16	RM202200
202	212	300	7.5	PN16	RM202300
217	229	200	5.15	PN16	RM217200
217	229	300	7.7	PN16	RM217300
225	240	200	5.2	PN16	RM225200
225	240	300	7.5	PN16	RM225300
243	260	200	5.22	PN16	RM243200
243	260	300	7.85	PN16	RM243300
270	288	200	5.5	PN16	RM270200
270	288	300	8	PN16	RM270300
304	323	200	5.9	PN16	RM304200
304	323	300	8.8	PN16	RM304300
323	336	200	6.1	PN16	RM323200
323	336	300	9	PN16	RM323300
410	432	300	15.2	PN16	RMD410300
410	432	400	20.45	PN16	RMD410400
510	540	400	21	PN16	RMD510400
630	660	500	36.6	PN16	RMD630500

No.	Item	Material
1	Head	Ductile iron EN-GJS-500-7
2	Body	Stainless steel AISI304
3	Gasket	EPDM
4	Bolts	Carbon steel zinc plated
5	Bolt caps	PE



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

STAINLESS STEEL REPAIR CLAMP series RMSS

APPLICATION

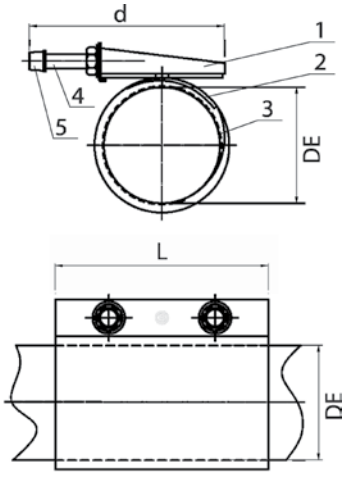
Single clamp repair clamps used for repairing broken or leaking ductile iron, steel, PE or PVC water or sewage pipelines

TECHNICAL CHARACTERISTICS

Maximum working pressure: PN16 / 16 bar
Working temperature: 0°C - +80°C
Bolt nuts coated in nylon to prevent corrosion

DEmin	DEmax	Length	Weight	PN	BLUCAST ref. no.
55	60	150	1.1	PN16	RMSS055200
60	67	200	1.45	PN16	RMSS060200
75	85	200	1.8	PN16	RMSS075200
75	85	300	2.6	PN16	RMSS075300
88	98	200	1.95	PN16	RMSS088200
108	118	200	2.18	PN16	RMSS108200
108	118	300	3.1	PN16	RMSS108300
115	128	200	2.3	PN16	RMSS115200
115	128	300	3.2	PN16	RMSS115300
132	142	200	2.4	PN16	RMSS132200
132	142	300	3.6	PN16	RMSS132300
151	161	200	2.6	PN16	RMSS151200
151	161	300	3.7	PN16	RMSS151300
158	172	200	2.6	PN16	RMSS158200
158	172	300	3.95	PN16	RMSS158300
168	182	200	2.7	PN16	RMSS168200
168	182	300	4	PN16	RMSS168300
217	229	200	3	PN16	RMSS217200
217	229	300	4.55	PN16	RMSS217300
270	288	200	3.5	PN16	RMSS270200
270	288	300	5.2	PN16	RMSS270300
304	320	200	3.7	PN16	RMSS304200
304	320	300	5.6	PN16	RMSS304300
323	336	200	3.9	PN16	RMSS323200
323	336	300	5.9	PN16	RMSS323300

No.	Item	Material
1	Head	Stainless steel AISI304
2	Body	Stainless steel AISI304
3	Gasket	EPDM
4	Bolts	Stainless steel AISI304
5	Bolt caps	PE



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

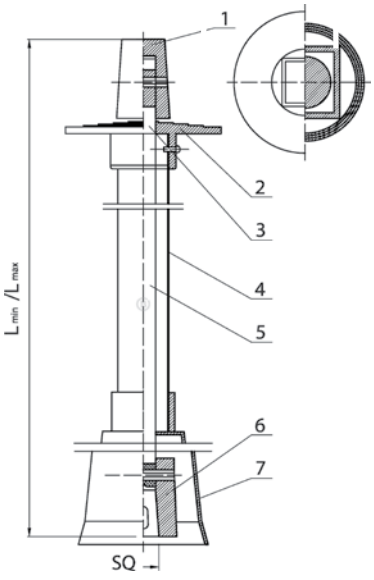
SPINDLE EXTENSIONS series TV, FV

TECHNICAL CHARACTERISTICS

HDPE plastic cover
Top and bottom caps are powder epoxy coated with 250 µm thickness

DN	SQ	Lmin	Lmax	BLUCAST
20-32	12	1300	1800	TV1318SQ12
20-50	14	1300	1800	TV1318SQ14
65-80	17	1300	1800	TV1318SQ17
100-150	19	1300	1800	TV1318SQ19
200	24	1300	1800	TV1318SQ24
250-400	27	1300	1800	TV1318SQ27
500-600	32	1300	1800	TV1318SQ32
20-600	12--27	1050	1750	TV1017SQ...
20-600	12--27	2000	2500	TV2025SQ...
25-600	12-32	600	600	FV06SQ/…
25-600	12-32	1000	1000	FV10SQ/…
25-600	12-32	1500	1500	FV15SQ/…
25-600	12-32	2000	2000	FV20SQ/…

*custom lengths available by request



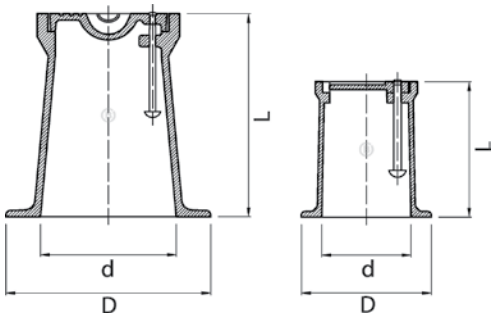
No.	Item	Material
1	Top cap	EN-GJL-250
2	Flange	HDPE
3	Connector	Galvanized steel
4	Cover	HDPE
5	Telescopic spindle	Galvanized steel
6	Bottom cap	EN-GJL-250
7	Bell	HDPE

STREET BOX

TECHNICAL CHARACTERISTICS

Body from ductile iron EN-GJL-200
Anticorrosion painting
Zinc coated bolt holds the cover in place
Body from PEHD plastic for PE version (cast iron cover)

Used for	L	d	Weight	BLUCAST ref. no.
For service valves	150	110	2,9	4050
For service valves	150	110	4	4050PE
For flanged valves	270	185	11	4056
For hydrants	310	340x235	25	4055



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

FLANGE GASKETS series TAR

APPLICATION
Rubber flange gaskets for connection of flanges

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10/16, DN200 and above - PN10
EPDM material
Working temperature: 0˚C- +80˚C

DN	PN	BLUCAST ref. no.
DN50	PN10/16	TAR050
DN65	PN10/16	TAR065
DN80	PN10/16	TAR080
DN100	PN10/16	TAR100
DN125	PN10/16	TAR125
DN150	PN10/16	TAR150
DN200	PN10	TAR200
DN250	PN10	TAR250
DN300	PN10	TAR300
DN350	PN10	TAR350
DN400	PN10	TAR400
DN500	PN10	TAR500
DN600	PN10	TAR600

RUBBER-METAL FLANGE GASKET series TARM

APPLICATION
Rubber flange gaskets with steel insert for connection of flanges

TECHNICAL CHARACTERISTICS
Flange end connections according to EN1092-2:PN10/16, DN200 and above - PN10
Fully vulcanized steel-rubber gasket
EPDM rubber
Working temperature: 0˚C- +80˚C

DN	PN	BLUCAST ref. no.
DN50	PN10/16	TARM050
DN65	PN10/16	TARM065
DN80	PN10/16	TARM080
DN100	PN10/16	TARM100
DN125	PN10/16	TARM125
DN150	PN10/16	TARM150
DN200	PN10	TARM200
DN250	PN10	TARM250
DN300	PN10	TARM300
DN350	PN10	TARM350
DN400	PN10	TARM400
DN500	PN10	TARM500
DN600	PN10	TARM600

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

CERTIFICATES

G-CERTI *certificate*

hereby certifies that

UAB BLUCAST
JSC BLUCAST

Žirmūnų g. 66, LT-09131 Vilnius, Lietuva
Zirmunu st. 66, LT-09131 Vilnius, Lithuania

meets the Standard Requirements & Scope as following

ISO 9001:2015
Quality Management Systems

Vožtuvų ir jungiamųjų detalių užsakomoji gamyba, projektavimas ir pardavimas

Contracted manufacturing, design and sales of water supply shut-off valve and fittings

Certificate No : GKLT-0138-QC Code : 18
Initial Date : 2017. 07. 17 Issue Date : 2023. 07. 20
Expiry Date : 2026. 07. 16 Valid period : 2023. 07. 20 ~ 2026. 07. 16

Certificate of Registration

G-CERTI *certificate*

hereby certifies that

UAB BLUCAST
JSC BLUCAST

Prašiškių g. 42, Didžioji Riešė, LT-14332 Vilnius, Lietuva
Prasiskiu str. 42, Didzioji Riese, LT-14332 Vilnius, Lithuania

meets the Standard Requirements & Scope as following

ISO 14001:2015
Environmental Management Systems

Vožtuvų ir jungiamųjų detalių užsakomoji gamyba, projektavimas ir pardavimas

Contracted manufacturing, design and sales of water supply shut-off valve and fittings

Certificate No : GKLT-0138-EC Code : 18
Initial Date : 2019. 07. 19 Issue Date : 2025. 05. 30
Expiry Date : 2026. 07. 16 Valid period : 2025. 07. 19 ~ 2026. 07. 16

Certificate of Registration

eurofins

ATTESTATION DE CONFORMITE SANITAIRE
Certificate of sanitary conformity

Coordonnées du demandeur d'ACS / Contact details of the ACS owner :
BLUCAST UAB
Žirmūnų str. 66
LT-09131 Vilnius
Lithuania

Nom de l'accessoire représentatif / Reference of the representative accessory :
Vanne papillon - DESV - DN40

N° de dossier attribué par le laboratoire habilité / File reference : 23 ACC NY 553

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :
VANNES PAPILLON - DESV

Références / References : (1 article et ses variantes)
DESV - de DN40 à DN300

Attestation délivrée par / Certificate issue by :
Lisa Führmann
Coordinatrice de projets clients / Analytical Service Manager

Date de délivrance / Date of issue : 28 novembre 2023
Date d'expiration / Expiry date : 25 mai 2028

Commentaires / Comments : /

eurofins

ATTESTATION DE CONFORMITE SANITAIRE
Certificate of sanitary conformity

Coordonnées du demandeur d'ACS / Contact details of the ACS owner :
BLUCAST UAB
Žirmūnų str. 66
LT-09131 Vilnius
Lithuania

Nom de l'accessoire représentatif / Reference of the representative accessory :
Clapet en fonte anti-retour à boule - ARV - DN50

N° de dossier attribué par le laboratoire habilité / File reference : 23 ACC NY 552

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :
CLAPETS EN FONTE ANTI-RETOUR A BOULE - ARV

Références / References : (1 article et ses variantes)
ARV - de DN50 à DN150

Attestation délivrée par / Certificate issue by :
Lisa Führmann
Coordinatrice de projets clients / Analytical Service Manager

Date de délivrance / Date of issue : 28 novembre 2023
Date d'expiration / Expiry date : 25 mai 2028

Commentaires / Comments : /

NARODOWY INSTYTUT ZDROWIA PUBLICZNEGO PZH
– Państwowy Instytut Badawczy
National Institute of Public Health NIH – National Research Institute

ATEST HIGIENICZNY B.HK.6011.0.0795.2024

HYGIENIC CERTIFICATE

NATIONAL INSTITUTE OF PUBLIC HEALTH NIH – NATIONAL RESEARCH INSTITUTE

Wyrób / product: **Zasuwy, hydrofilki kołnierzowe, adaptery kołnierzowe, złączki, opaski naprawcze, hydranty podziemne, studła**

Zawierający / containing: zaślon sferodalne, powłoką epoksydową, EPDM

Przeznaczony do / destined: montażu w instalacjach służących do przesyłania wody przeznaczonej do spożycia przez ludzi oraz instalowany naziemnie

Wymieniony wyżej produkt odpowiada wymaganiom higienicznym przy spełnieniu następujących warunków / the above-named product is acceptable according to hygienic criteria with the following conditions:

Instalacją służącą do przesyłania wody przeznaczonej do spożycia przez ludzi, przed wdrożeniem do użytku, należy przepłukać wodą w objętości zapewniającej jej całkowitą wymianę.
Atest nie dotyczy parametrów technicznych wyrobów/The hygienic certificate does not apply to technical parameters of the products.

Wytwórca / producer:
BLUCAST UAB
LT-08131 Vilnius
Žirmūnų str. 68, Lituva

Niniejszy dokument wydano na wniosek / this certificate issued for:
BLUCAST UAB
LT-08131 Vilnius
Žirmūnų str. 68, Lituva

Atest może być zmieniony lub unieważniony po przedstawieniu stosownych dowodów przez zainteresowanych stronę. Niniejszy atest traci ważność po 2027.06.17 lub w przypadku zmian w recepturze albo w technologii wytwarzania wyrobu.

The certificate may be corrected or cancelled after appropriate evaluation. The certificate loses its validity after2027.06.17 or in the case of changes in composition or in technology of production.

Data wydania atestu higienicznego: 2 lipca 2024
The date of issue of the certificate: 2nd July 2024

Z up. Dyrektora
Zastępca Dyrektora ds. Zdrowia Środowiskowego
dr hab. Jolanta Sobala, prof. NIZP-PZH/PIB

Kontakt w sprawie niniejszego atestu higienicznego / To correct regarding this hygienic certificate:
Zakład Bezpieczeństwa Zdrowotnego Środowiska NIZP-PZH - PIB / Department of Environmental Health and Safety (NIH-NRI - NIH)
00-791 Warszawa, ul.Chocimska 24 / 00-791 Warsaw, Chocimska 24, Poland
e-mail: zakresnet-rej@pzh.gov.pl tel. +48 22 54-21-204, +48 22 54-21-316

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R* 1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la Santé
Direction Générale de la Santé DGS/SD7A N° 571 du 25 Novembre 2002

Coordonnées du demandeur d'ACS / Contact details of the ACS owner :

BLUCAST
Prašiškių g. 42, Vanaginė,
14332 VILNIAUS r. sav.
Lithuania

Nom de l'accessoire représentatif / Reference of the representative accessory :
Robinet vanne à opercule / Gate valve Series 115 DN40

N° de dossier attribué par le laboratoire habilité / File reference : **25 ACC LY 559**

Date de réalisation des essais d'exertio selon la norme XP P41-260 : Aucun essai n'est nécessaire pour délivrer l'ACS
Tests date (according to the standard XP P 41-260) : No testing is required to issue the ACS
Commentaires : ACS basée sur l'ACS 25 ACC LY 367 avec l'accord écrit du titulaire.
Comments : ACS based on the ACS 25 ACC LY 367 with the written agreement of the owner.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :
Robinets vanne à opercule / Gate valves

Référence / Reference (1 référence) :

series 115
DN40 to DN1200

Attestation délivrée par / Certificate issued by : Christelle AUFUGELLE, Responsable MCDE, CARSO - L.S.E.H.L. Signature :

Date de délivrance / Date of Issue : 04 Septembre 2025
Date d'expiration / Expiry date : 27 Juin 2030
Commentaires / Comments : renouvellement / renewal 20 ACC LY 586.
Les composants métalliques sont conformes à l'arrêté du 25 juin 2020. / Metallic components are compliant with the decree dated 25th June 2020.

F_MDD00-9-15/09/2014-MLA

WRAS
APPROVED PRODUCT

This certifies that

BLUCAST UAB.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

BLUCAST-GATE VALVES: DN50-400

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

July 2026

Certificate No.
2107127

Ian Hughes,
WRAS Approvals Manager

WRAS

WRAS PRODUCT APPROVAL CERTIFICATE

Approval Number
250712012

Field of application Products complying with the Water Supply (Water Fittings) Regulations 1999 (England & Wales), the Water Supply (Water Fittings) (Scotland) Byelaws 2014 and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

Approval holder BLUCAST

WRAS directory section 2250

Product type Valves

Model SERIES 005 GATE VALVES

(FOR MODELS NOT SHOWN REFER TO THE SCOPE OF THIS APPROVAL PLEASE CONSULT THE WRAS ONLINE DIRECTORY AND/OR ACCESSORY/END-USERS APPROVAL LETTERS)

Basis of compliance Tested to regulations Specification Test Code Sheets

Valid from 1st July 2025

Date of expiry 30th July 2030

Authorised by

Ian Hughes, WRAS Approvals Manager

Certificate issued: 18th October 2025

Prašiškių g. 42, Vanaginė, LT-14332, Lithuania
email: sales@blucast.eu

www.blucast.eu