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Fig. 2002 / 2111

SOFT WEDGE GATE VALVE FLANGED

Typ 2002



Typ 2111



Technical data:

face to face length acc. EN 558-1
gate valve type 2111 - row 14
gate valve type 2002 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total surface rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In installations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012 Guma EPDM PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM PN-ISO 1629: 2005
10	Seal O-Ring	Rubber EPDM PN-ISO 1629: 2005
11	Screw	Steel Fe/Zn5, stainless steel PN-EN ISO 4762: 2006
12	Screw stopper	Paraffin
13	Washer	Polyethylene PN-EN ISO 1872-1:2000

DN	2111 Szer. 14	2002 Szer. 15
[mm]		
32	130	140
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600
450	330	-
500	350	700
600	390	800
600*	430	900

Fig. 2002 / 2111

SOFT WEDGE GATE VALVE

FLANGE OF THE RELIEF



Typ 2111

Technical data:

face to face lenght acc. EN 558-1
gate valve type 2111 - row 14
gate valve type 2002 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total suface rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	Nodular cast iron EN-GJS-400-15, PN-EN 1563:2012 Guma EPDM PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2010
5	Prowadnica klina	PO
6	Clean gasket	Rubber EPDM PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM PN-ISO 1629: 2005
10	Seal O-Ring	Rubber EPDM PN-ISO 1629: 2005
11	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
12	Screw stopper	Paraffin
13	Lozyska	Katalog Producenta
14	Odciazenie	Typ 2111 DN

DN	2111 Width .14	2002 Width .15
[mm]		
400	310	600
500	350	700
600	390	800
600*	430	900

Fig. 2002 NBR / 2111 NBR

SOFT WEDGE GATE VALVE FLANGED

Typ 2002



Photo Dn80

Typ 2111



Photo DN500

Technical data:

face to face lenght acc. EN 558-1
gate valve type 2111 - row 14
gate valve type 2002 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total surface rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, NBR, epoxide paint
RAL5005 250µm, without handwheel (*).

Certificate CE

Application:

In instalations: for water, industrial water, waste water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000 Guma NBR PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2002
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2002
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber NBR PN-ISO 1629: 2005
10	Seal O-Ring	Rubber NBR PN-ISO 1629: 2005
11	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
12	Screw stopper	Paraffin
13	Washer	Polyethylene PN-EN ISO 1872-1:2000

DN	2111 Width. 14	2002 Width. 15
[mm]		
32	130	140
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600
450	330	-
500	350	700
600	390	800
600*	430	900

Fig. 2002 / 2111

**SOFT WEDGE GATE VALVE
FLANGED**

Typ 2002



Photo DN80

Typ 2111



Photo DN80

*Realization
PN 25*
Technical data:

face to face lenght acc. EN 558-1
gate valve type 2111 - row 14
gate valve type 2002 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN25
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total surface rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
3	Wedge	Nodular cast iron EN-GJS-400-15 PN-EN 1563: 2012 Guma EPDM, NBR PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000

DN	2111 Width 14	2002 Width 15
[mm]		
32	130	140
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600
500	350	700

Fig. 2004

KNIFE GATE VALVE



Technical data:

face to face lenght acc. to drawing
 leakproofness class - A
 maximum working pressures:
 DN50 - 250 PN10
 DN300 - 450 PN7
 DN500 - 600 PN4
 DN700 PN2
 maximum working temperatures:
 70°C (NBR), 120°C (EPDM)

Design features:

Stainless steel spindle with rolled thread.
 Knife from stainless steel 304.
 Body from cast iron or stainless steel.
 All parts are protected against corrosion.

Execution:
 Rising or non-rising spindle

Standard execution: rising spindle, 70°C, NBR,
 epoxide paint RAL6026 250 µm, hand wheel (*).

Application:

For fluid and powder medium
 - water treatment
 - potable water, waste water
 - chemical industry
 - pulp industry
 - other inert fluids

Assembly:

Assembly from horizontal to vertical position.
 During assembling the gate valve between flanges
 remember to get tight the packing gland.

*- other executions on request

No.	Part	Materials
1	Body	Grey cast iron EN-GJL-250 PN-EN 1561:2012, Stainless steel X5CrNi18-10 PN-EN 10088-1:2007
2	Gland seal	Sznur bawelniany uszczelniający
3	Knife	Stainless steel X5CrNi18-10 PN-EN 10088-1:2007
4	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
5	Tube	Steel 12X PN-89/H-84023.05 Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
6	Not support	Stal 12X PN-89/H-84023.05
7	Washer	Bronze PN-EN 1982:2010
8	Spindle nut	Brass PN-EN 1982:2010
9	Set screw	PN-EN ISO 4027:2006
10	Greaser	PN-76/M-86002
11	Cap	Polyethylene PN-EN ISO 1873-1:2000
12	Protective tube	Steel R45 PN-89/ H-84023.07
13	Hand wheel	Grey cast iron EN-GJL-250 PN-EN 1561:2012
14	Clamping plate	Silumin AlSi PN-EN 1706:2001
15-17	Gasket	Rubber EPDM/NBR PN-ISO 1629:2005
16	Stopper ring	Stainless steel X5CrNi18-10 PN-EN 10088-1:2007

Fig. 2005

KNIFE GATE VALVE



Photo DN200

Technical data:

face to face length acc. to drawing
leakproofness class - A
maximum working pressures:
DN50 - 400 PN10
DN500 - 600 PN6
DN700 - 1000 PN2,5
maximum working temperatures:
70°C (NBR), 120°C (EPDM)

Design features:

Stainless steel spindle with rolled thread.
Knife from stainless steel 304.
Body from cast iron or stainless steel.
All parts are protected against corrosion.

Execution:

Rising or non-rising spindle

Standard execution: non- rising spindle, 70 °C,
NBR, epoxide paint RAL5005 250 µm, hand
wheel *

Application:

For fluid and powder medium
- water treatment
- potable water, waste water
- chemical industry
- pulp industry
- other inert fluids

Assembly:

Assembly from horizontal to vertical position.
During assembling the gate valve between
flanges remember to get tight the packing gland.

*- other executions on request

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012 EN-GJS-500-7 PN-EN 1563:2012
2	Clamping plate	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012, EN-GJS-500-7 PN-EN 1563:2012
3	Knife	Stainless steel X5CrNi18-10 PN-EN 10088-1:2007
4	Tube	Steel 12X PN-89/H-84023.05
5	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
6	Spindle nut	Brass PN-EN 1982:2010
7	Gasket	Rubber EPDM/NBR PN-ISO 1629:2005
8	Bearing	Katalog Producenta
9	Seal O-Ring	Rubber EPDM/NBR PN-ISO 1629:2005
10	Hand wheel	Grey cast iron EN-GJL-250 PN-EN 1561:2012
11	Gland seal	Sznur bawełniany uszczelniający
12	Screw	Steel Fe/Zn5, Stal nierdzewna A2 PN-EN ISO 4014:2004
13	Nut	Steel Fe/Zn5, Stal nierdzewna A4 PN-EN ISO 4032:2004
14	Washer	Stainless steel A2 PN-EN ISO 7091:2003
15	Przekładnia katowa	Katalog Producenta

Fig. 2905

SLIDING KNIFE DRIVE



Photo DN200

- Monolit Body

-
-

Technical data:

face to face lenght acc. to drawing
leakproofness class - A
maximum working pressures:
DN50 - 400 PN10
DN500 - 600 PN6
DN700 - 1000 PN2,5
maximum working temperatures:
70°C (NBR), 120°C (EPDM)

Design features:

Stainless steel spindle with rolled thread.
Knife from stainless steel 304.
Body from cast iron or stainless steel.
All parts are protected against corrosion.

Execution:

Rising or non-rising spindle

Standard execution: non- rising spindle, 70 °C,
NBR, epoxide paint RAL5005 250 µm, hand
wheel (*).

Application:

For fluid and powder medium
- water treatment
- potable water, waste water
- chemical industry
- pulp industry
- other inert fluids

Assembly:

Assembly from horizontal to vertical position.
During assembling the gate valve between
flanges remember to get tight the packing gland.

*- other executions on request

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
2	Gasket	Rubber EPDM/NBR PN-ISO 1629:2005
3	Knife	Stainless steel X5CrNi18-10 PN-EN 10088-1:2007
4	Stopper ring	Steel 65G PN-74/H-84032
5	Clamping plate	Grey cast iron EN-GJL-250 PN-EN 1561:2012, Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
6	Nut	Steel Fe/Zn5, Stal nierdzewna A4 PN-EN ISO 4032:2004
7	Screw	Steel Fe/Zn5, Stal nierdzewna A2 PN-EN ISO 4014:2011
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Tube	Steel 12X PN-89/H-84023.05 Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
10	Adapter	Steel Fe/Zn5, Stal nierdzewna A4 PN-EN ISO 4032:2004
11	Nut	Steel Fe/Zn5, Stal nierdzewna A4 PN-EN ISO 4032:2004
12	Bearing	Katalog Producenta
13	Glande seal	Brass PN-EN 1982:2010
14	Spindle nut	Sznur bawełniany uszczelniający
15	Screw	Steel Fe/Zn5, Stal nierdzewna A2 PN-EN ISO 4014:2011
16	Washer	Bronze PN-EN 1982:2010
17	Seal O-ring	Rubber EPDM/NBR PN-ISO 1629:2005
18	Actuator	Katalog Producenta

Fig. 2110

WEDGE-RING GATE VALVE FLANGED



Photo DN80

Technical data:

face to face lenght acc. EN 558-1
gate valve type 2110 - row 14
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16, PN10, PN6, PN2,5
medium temperature up to 200°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Wedge with replaceable spindle nut.
All parts are protected against corrosion.
Standard execution: *
PN16, 120°C, EPDM,
stainless steel spindle, brass rings
polivinył paint RAL7005 100 μm,
hand wheel **
up to 150°C, bronze ring,
up to 200°C **, steel ring,
gland seal

Certificate CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position up to DN300. Over DN300 only vertical position.

*- other executions on request
**- after agreeing with the producer

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
4	Packing cork	Brass, Bronze PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM PN-ISO 1629: 2005
7	Spindle nut	Brass, Bronze PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM PN-ISO 1629: 2005 Szczeliwo Polafion 646
10 11	Seal O-Ring	Rubber EPDM PN-ISO 1629: 2005 Szczeliwo Polafion 646
12	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762:2006
13	Ring	Brass, Bronze PN-EN 1982:2010 Stal X20Cr13 PN-EN 10088-1:2007
14	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012
15	Screw stopper	Paraffin
16	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2110 (PN25)

WEDGE-RING GATE VALVE FLANGED



Realization
PN 25

Photo DN80

Technical data:

face to face lenght acc. EN 558-1
gate valve type 2110 - row 14
gate valve type 2113 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN25
medium temperature up to 120°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" -
replaceable under pressure.
Stainless steel spindle with rolled thread and
bearing.
Wedge with replaceable spindle nut.

All parts are protected against corrosion.

Standard execution: **PN25, 120°C, EPDM,**
poliviny **paint RAL7005 100 µm,**
with handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations for water and other inert fluids to flow
closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	2110 L
[mm]	
40	140
50	150
65	170
80	180
100	190
125	200
150	210
200	230
250	250
300	270

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2000
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2000
3	Wedge	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2000
4	Packing cork	Brass PN-EN 1982:2002
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2002
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762:2006
13	Ring	Brass PN-EN 1982:2002
14	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2000
15	Screw stopper	Paraffin
16	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2112

SOFT WEDGE GATE VALVE FLANGED



British Standard
5163

Photo DN80

Technical data:

face to face lenght acc. BS 5163
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" -
replaceable under pressure.
Stainless steel spindle with rolled thread and
bearing.
Total suface rubbered wedge with replaceable
spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
epoxide paint RAL5005 250 µm,
PN16, 70 °C, EPDM, without handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other
inert fluids to flow closing.
Execution NBR version - oil fluids.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	L
[mm]	
40	165
50	178
65	190
80	203
100	229
125	254
150	267
200	292
250	330
300	356

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563: 2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563: 2012
3	Wedge	Nodular cast iron EN-GJS-400-15 PN-EN 1563: 2012 Rubber EPDM, NBR PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982: 2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982: 2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1: 2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2113

WEDGE-RING GATE VALVE FLANGED



Photo DN200

Technical data:

face to face length acc. EN 558-1
gate valve type 2110 - row 14
gate valve type 2113 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN25
medium temperature up to 120°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Wedge with replaceable spindle nut.

All parts are protected against corrosion.

Standard execution: **PN25, 120°C, EPDM, polivinyln paint RAL7005 100 µm, with handwheel** (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations for water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	L
[mm]	
40	240
50	250
65	270
80	280
100	300
125	325
150	350
200	400
250	450
300	500

Waring:
> DN200 PN16
/only/ EN-GJS-400-15

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
4	Packing cork	Brass, Bronze PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass, Bronze PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005 Szczeliwo AF300 (>120°C)
10	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005 Szczeliwo Poliaflon 646 (150°C)
12	Screw	Steel Fe/Zn5, Stainless steel PN-EN ISO 4762:2006
13	Ring	Brass, Bronze PN-EN 1982:2010 Stal X20Cr13 PN-EN 10088-1:2007
14	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012
15	Screw stopper	Paraffin
16	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2115

SOFT WEDGE GATE VALVE WITH PIPE SOCKET



Technical data:

face to face lenght acc. to drawing

leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total sufrage rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Certificate CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561-2000 EN-GJS-400-15, PN-EN 1563-2000
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561-2000 EN-GJS-400-15, PN-EN 1563-2000
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561-2000 EN-GJS-400-15, PN-EN 1563-2000 Rubber EPDM PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2002
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2002
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM PN-ISO 1629: 2005
10	Seal O-Ring	Rubber EPDM PN-ISO 1629: 2005
11		
12	Screw	Steel Fe/Zn5, stal nierdzwerna PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000

DN	Dz	L	H	S	Weight
[mm]					[kg]
50	63	250	220	14	7,8
80	90	280	290	17	13,7
100	110	300	325	19	22
150	160	350	475	19	38,8
200	225	400	534	24	64,7

Fig. 2120

**SOFT WEDGE GATE VALVE
with PE FOR WATER LINES**


Photo DN 100

Technical data:

face to face lenght acc. to drawing

 leakproofness class - A
 working pressure PN16
 medium temperature up to 40°C
Design features:
 Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
 Stainless steel spindle with rolled thread and bearing.
 Total suface rubbered wedge with replaceable spindle nut.
 Gate valve with full bore.
 All parts are protected against corrosion.
Standard execution:
 PN16, 40°C, EPDM, epoxide paint
 RAL5005 250 µm, without handwheel (*).

 Certificate CE
 Hygienic attest by PZH
Application:

In instalations: PE water lines for potable water and other neutrals fluids.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	H	Dz	L
[mm]			
25	130	32	800
32	145	40	800
40	220	50	850
50	230	63	850
65	265	75	860
80	290	90	860
100	325	110	900
125	365	125	1100
150	457	160	1100
150	457	180	1100
200	534	200	1100
200	534	225	1100
250	633	250	1200
250	633	280	1200
300	708	315	1300

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15, (EN-GJS-350-22-LT) PN-EN 1563-2000
2	Stopper ring	S235JR PN-EN 10025-2:2007
3	Krućce rur PE	PE 100 SDR 11
4	Opaska termokurcziwa	Tworzywo
5	Bonnet	Nodular cast iron EN-GJS-400-15, (EN-GJS-350-22-LT) PN-EN 1563-2000
6	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
7	Packing cork	Brass PN-EN 1982:2008
8	Stopper ring	Brass PN-EN 1982:2008
9	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10	Spindle nut	Brass PN-EN 1982:2008
11	Wedge	Brass PN-EN 1982-2008 (DN25-32) Nodular cast iron (DN40-DN300) EN-GJS-400-15 (EN-GJS-350-22-LT) PN-EN 1563;2000 Rubber EPDM; PN-ISO 1629;2005
12	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
13 16	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
17	Screw	Steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
18	Screw stopper	Paraffin
19	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 3116 / 3126

SOFT WEDGE GATE VALVE
WITH THREADED END

Typ 3116



Typ 3126



Photo DN 50

Technical data:

face to face lenght acc. to drawing
thread connections acc. PN-EN 10226-1:2006
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total suface rubberizing.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012 Rubber EPDM, NBR PN-ISO 1629: 2005 Brass, PN-EN 1982:2010
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000
15	Pipe gasket	Rubber EPDM, NBR PN-ISO 1629: 2005

DN	G/R	L
	[cal]	
25	1" / 1"	105
32	5/4" / 5/4"	120
	5/4" / 2"	130
40	6/4" / 6/4"	180
	6/4" / 2"	180
50	2" / 2"	200

Fig. 3216

SOFT WEDGE GATE VALVE WITH CLAMP



Photo DN 50

Technical data:

face to face lenght acc. to drawing
thread connections acc. PN-EN 10226-1:2006
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" -
replaceable under pressure.
Stainless steel spindle with rolled thread and
bearing.
Total suface rubberizing.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:

PN16, 70°C, EPDM, epoxide paint
RAL5005 250 µm, without handwheel (*).

Hygienic attest by PZH

Application:

In instalations for water, and other inert fluids -
another must be consult with producer

Assembly:

Assembly from horizontal to vertical position up to
DN300. Over DN300 only vertical position.

*- other executions on request

DN	G	Dz
[mm]	[cal]	
25	1	80-100 125-140 150-400
32	5/4	
40	6/4	
50	2	

No.	Part	Materials
-----	------	-----------

3216

1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
3	Wedge	Nodular cast iron EN-GJS-400-15, PN-EN 1563:2012 Rubber EPDM, NBR PN-ISO 1629: 2005 Brass, PN-EN 1982:2010
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Stel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000
15	Pipe gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
16	Pipe gasket	Rubber EPDM, NBR PN-ISO 1629: 2005

3330

17	Mount clamp	Stainless steel PN-EN 10088-1:2007 Rubber EPDM, NBR PN-ISO1629:2005
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Fig. 2217/2118

SOFT WEDGE GATE VALVE WITH RISING STEM

Photo DN 100



Technical data:

face to face lenght acc.
EN 558-1 - row 14
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN2,5; PN4; PN6; PN10; PN16
medium temperature up to 70°C*

Design features:

Spindle's seal - EPDM

Rising spindle with rolled thread and bearing
All parts are protected against corrosion
Standard execution:
PN16, 70 °C, epoxide paint, RAL7005 100 µm,
stainless steel spindle, hand wheel (*).

Certyfikat CE
Hygienic attest by PZH

Application:

In instalations for water, and other inert fluids -
another must be consult with producer

Assembly:

Assembly from horizontal to vertical position up to
DN300. Over DN300 only vertical position.

*- other executions on request

DN	PN	2217 Width 14	2218 Width 15
[mm]			
40	PN16 ⁽¹⁾	140	240
50		150	250
65		170	270
80		180	280
100		190	300
125		200	325
150		210	350
200		230	400
250		250	450
300		270	500

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
3	Wedge	Nodular cast iron + EPDM (NBR) EN-GJS-400-15 PN-EN 1563:2012, PN-ISO 1629:2005
4	Yoke	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
5	Nut	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
6	Threaded bush	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
7	Bushing	Brass CuZn39Pb2Al1-B, Bronze B555 PN-EN 1982: 2010
8	Spindle washer	Steel X20Cr13 PN-EN 10088-1: 2007
9	Spindle	Steel X20Cr13, X17CrNi16-2 PN-EN 10088-1: 2007 Br'z BA1032 PN-EN 1982: 2010
10	Hand wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012
11	Ring	Rubber EPDM (NBR) PN-ISO 1629:2005
12	Bonnet gasket	Uszczelka bezazbestowa AF300
13	Ring	Rubber EPDM (NBR) PN-ISO 1629:2005
14	Screw	Stainless steel PN-EN ISO 4762: 2006
15	Screw	Stainless steel PN-EN ISO 4027: 2006
16	Straight pin	Steel A2 PN-EN ISO 2338: 2003
17	Washer	Steel sprężysta A2 PN-77/M-82008

Fig. 2302/2311

SOFT WEDGE GATE VALVE
FLANGED FOR GAS

Typ 2302



Typ 2311



Photo DN 80

Technical data:

face to face lenght acc. EN 558-1: 2001
gate valve type 2311 - row 14
gate valve type 2302 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature from -20°C, (-30°C) to +60°C

Design features:

Spindle's gaskets O-ring
Screws Zn-coated or Stainless steel.
Stainless steel spindle with rolled thread and bearing.
Total surface NBR rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, NBR, epoxide paint
RAL5005 250µm, without handwheel (*).

Technical aprobate IGNiG
Certificat CE

Application:

Erth gas lines at medium working pressure
and temperatur range from -20°C to +60°C
On request range from -30°C (Body from nodular
cast iron EN-GJS-350-22-LT)

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	2311 Width 14	2302 Width 15
[mm]		
32	130	140
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600
500	350	700
600	390	800

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 (EN-GJS-350-22-LT) PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 (EN-GJS-350-22-LT) PN-EN 1563:2012
3	Wedge	Brass PN-EN 1982:2008 (DN32) Nodular cast iron (DN40-DN600) EN-GJS-400-15 (EN-GJS-350-22-LT) PN-EN 1563:2012 Rubber NBR: PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Stal X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber NBR PN-ISO 1629: 2005
12	Screw	steel Fe/Zn5, stal nierdzewna PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2316/2326/2416

GATE VALVE WITH THREADED

Typ 2316

Photo DN 50



Typ 2326

Photo DN 50



Typ 2416

Photo DN 50

Technical data:

face to face lenght acc. to drawing
thread connections acc. PN-EN 10226-1:2006
leakproofness class - A
working pressure PN16
medium temperature from -20°C to +60°C

Design features:

Spindle's gaskets O-ring
Screws Zn-coated or Stainless steel.
Stainless steel spindle with rolled thread and bearing.

Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, NBR, epoxide paint
RAL5005 250µm, without handwheel (*).

Technical aprobate IGNiG

Application:

Erth gas lines at medium working pressure
and temperatur range from -20°C to +60°C
On request range from -30°C (Body from nodular
cast iron EN-GJS-350-22-LT)

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	G/R	D
[mm]	[cal]	
20	3/4" / 3/4"	80-100 125-140 150-400
25	1" / 1"	
32	5/4" / 5/4"	
	5/4" / 2"	
40	6/4" / 6/4"	
	6/4" / 2"	
50	2" / 2"	

No.	Part	Materials
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2316, 2326, 2416

1	Body	Nodular cast iron EN-GJS-400-15 EN-GJS-350-22-LT PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 EN-GJS-350-22-LT PN-EN 1563:2012
3	Wedge	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012 EN-GJS-350-22-LT Rubber NBR PN-ISO 1629: 2005 Brass PN-EN 1982:2010
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber NBR PN-ISO 1629: 2005
12	Screw	Steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000
15	Gasket	Rubber NBR PN-ISO 1629: 2005
16	Pipe gasket	Rubber NBR PN-ISO 1629: 2005

3330

17	Mount clamp	Stainless steel PN-EN 10088.1: 2007 Rubber EPDM PN-ISO 1629: 2005
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Fig. 2117/2118

GATE VALVE WITH RISING STEAM

Photo DN 200

**Technical data:**

face to face length acc.
EN 558-1 - row 14
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN2,5; PN4; PN6; PN10; PN16
medium temperature up to 200°C

Design features:

Spindle's seal - packing asbestos free

Rising spindle with rolled thread and bearing

All parts are protected against corrosion

Standard execution:
PN16, 120°C, Polafon 646,
stainless steel spindle, brass rings
polyvinyl paint RAL7005 100 µm,
hand wheel ^(*)
up to 150°C, bronze ring,
up to 200°C **, steel ring,

gland seal

Certyfikat CE
Hygienic attest by PZH

Application:

In instalations for water, air, waste gas, oil & oil derivative and other inert fluids - another must be consult with producer

Assembly:

Assembly from horizontal to vertical position up to DN300. Over DN300 only vertical position.

*- other executions on request
**- after agreeing with the producer

DN	PN	2117 Width 14	2118 Width 15
[mm]			
40	PN16 ^(*)	140	240
50		150	250
65		170	270
80		180	280
100		190	300
125		200	325
150		210	350
200	PN10 ^(*)	230	400
250		250	450
300		270	500
350		290	-
400		310	-
500		350	-
600		390	-

No.	Part	Materials
1	Body	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
2	Bonnet	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
3	Wedge	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
4	Yoke	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
5	Nut	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
6	Threaded bush	Nodular cast iron EN-GJS-400-15 PN-EN 1563:2012
7	Packing cork	Steel X20Cr13 PN-EN 10088-1: 2007
8	Spindle washer	Steel X20Cr13 PN-EN 10088-1: 2007
9	Spindle	Steel X20Cr13, X17CrNi16-2 PN-EN 10088-1: 2007 Brass BA1032 PN-EN 1982: 2010
10	Hand wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012
11	Ring	Brass CuZn39Pb2Al1-B, Bronze B555 PN-EN 1982: 2010 Steel X20Cr13 PN-EN 10088-1: 2007
12	Bonnet gasket	Uszczelka bezazbestowa AF300
13	Seal	Szczeliwo plecione bezazbestowe Polafon 646
14	Screw	Stainless steel PN-EN ISO 4762: 2006
15	Screw	Stainless steel PN-EN ISO 4027: 2006
16	Straight pin	Steel A2 PN-EN ISO 2338: 2003
17	Washer	Steel sprężysta A2 PN-77/M-82008

Fig. 2502/2511

SOFT WEDGE GATE VALVE WITH OPEN INDICATOR

Photo DN 100

**Technical data:**

face to face length acc. EN 558-1
gate valve type 2511 - row 14
gate valve type 2502 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Total surface rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN16, 70 °C, NBR,
epoxide paint RAL5005 250 µm,
without handwheel (*).

Certyfikat CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from horizontal to vertical position.

*- other executions on request

DN	L 2511	L 2502
	[mm]	
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012 Rubber EPDM, PN-ISO 1629: 2005
4	Spindle	X17CrNi16-2, Steel X20Cr13 PN-EN 10088-1:2007
5	Connector	Grey cast iron EN-GJL-250, PN-EN 1561:2012 Polyethylene PN-EN ISO 1872-1:2000
6	Hand	Brass PN-EN 1982:2010 Polietylen PN-EN ISO 1872-1:2000
7	Indicator	Steel X20Cr13 PN-EN 10088-1:2007
8	Packing cork	Bronze, Brass PN-EN 1982:2010
9	Spindle nut	Bronze, Brass PN-EN 1982:2010
10	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
13	Screw	Steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
14	Screw stopper	Paraffin
15	Washer	Polyethylene PN-EN ISO 1872-1:2000
16	Nut	Steel Fe/Zn5, Stainless steel PN-EN ISO 4032: 2004
17	Set screw	Stainless steel PN-EN ISO 4027:2006
18	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012
19	Screw	Steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
20	Washer	Steel Fe/Zn5, Stainless steel PN-EN ISO 7093: 2002

Fig. 2510/2513

GATE VALVE WITH POSITION INDICATOR

Photo DN 100

**Technical data:**

Face to face acc. EN 558-1
2510 - row 14
2513 - row 15
Flanges acc. EN 1092-2
Version and terms of acceptance acc. to:
PN-EN12266:2007; PN-W-74017:1998
Leakproofness class - A
Working pressure PN16, PN10, PN6, PN2,5
Working temperature up to 70°C

Design features:

O-ring spindle's gaskets - "DRY THREAD" - replaceable under pressure.
Spindle with rolled thread and bearing.
Wedge with replaceable spindle nut.
Drain plug - on request.
Marine execution for seawater up to 45°C.
All parts are protected against corrosion.

Standard execution: handwheel,
PN16, 70°C, NBR, rings of bronze,
polyvinyl paint RAL7005 100µm (*).

Certificat CE

Application:

Ship building, sea water.
In installations for industrial water and other inert fluids to flow closing.

Assembly:

Assembly from Horizontal to Vertical position up to DN300. Over DN300 only vertical position.

*- other executions on request

DN	PN	L	
		2510	2513
[mm]			
40	PN16"	140	240
50		150	250
65		170	270
80		180	280
100		190	300
125		200	325
150		210	350
200		230	400
250		250	450
300	PN10"	270	500
350		290	---
400		310	---
500		350	---
600		390	---

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
4	Spindle	Steel X17CrNi16-2 PN-EN 10088-1:2007
5	Connector	Bronze B555 PN-EN 1982:2010 Polyethylen PN-EN ISO 1872-1:2000
6	Hand	Bronze B555 PN-EN 1982:2010 Polyethylen PN-EN ISO 1872-1:2000
7	Indicator	Bronze B555 PN-EN 1982:2010 Steel X20Cr13 PN-EN 10088-1:2007
8	Packing cork	Bronze B555 PN-EN 1982:2010
9	Spindle nut	Bronze B555 PN-EN 1982:2010
10	Bonnet gasket	Rubber NBR PN-ISO 1629: 2005
11	Seal O-Ring	Rubber NBR PN-ISO 1629: 2005
12	Ring	Bronze B555 PN-EN 1982:2010 Steel X20Cr13 PN-EN 10088-1:2007
13	Screw	Stainless steel PN-EN ISO 4762: 2006
14	Screw stopper	Paraffin
15	Washer	Polyethylene PN-EN ISO 1872-1:2000
16	Nut	Stainless steel PN-EN ISO 4032: 2004
17	Set screw	Stainless steel PN-EN ISO 4027:2006
18	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012

Fig. 2510B

BRONZE GATE VALVE
FLANGED


Photo DN 100

Technical data:

face to face acc. PN-EN 558-1 row 14
flanges acc. EN 1092-2
version and terms of acceptance acc.
EN 12266
leakproofness class - A
working pressure max. PN10
working temperature max. 70°C (*).

Design features:

O-ring spindle's gaskets - "DRY THREAD" -
replaceable under pressure.
Spindle with rolled thread and bearing.
Wedge with replaceable spindle nut.
Drain plug - on request.
Marine execution for hot seawater.
Standard execution:
PN10, 70°C, NBR, handwheel (*).

Application:

Ship building, sea water, industrial water, potable
water, air, steam; fuel oil, and other neutral media.

Assembly:

Assembly from Horizontal to Vertical position.

*- other executions on request

DN	PN	L
[mm]		
40 ⁽¹⁾	PN10 ⁽²⁾	140
50		150
65		170
80		180
100		190
125		200
150 ⁽¹⁾		210
200 ⁽¹⁾		230
250 ⁽¹⁾		250

No.	Part	Materials
1	Body	Bronze B555 PN-EN 1982:2010
2	Bonnet	Bronze B555 PN-EN 1982:2010
3	Wedge	Bronze B555 PN-EN 1982:2010
4	Spindle	Bronze BA1032 PN-EN 1982:2010
5	Connector	Bronze B555 PN-EN 1982:2010
6	Hand	Bronze B555 PN-EN 1982:2010
7	Indicator	Steel X17CrNi16-2 PN-EN 10088-1:2007
8	Packing cork	Bronze B1032 PN-EN 1982:2010
9	Spindle nut	Bronze B1032 PN-EN 1982:2010
10	Bonnet gasket	Rubber NBR PN-ISO 1629: 2005
11 12	Seal O-Ring	Rubber NBR PN-ISO 1629: 2005
13	Screw	Steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
14	Screw stopper	Paraffin
15	Washer	Polyethylene PN-EN ISO 1872-1:2000
16	Nut	Steel Fe/Zn5, Stainless steel PN-EN ISO 4032: 2004
17	Set screw	Stainless steel PN-EN ISO 4027:2006
18	Wheel	Grey cast iron EN-GJL-250, PN-EN 1561:2012

Fig. 2700

SOFT WEDGE GATE VALVE FLANGED



Photo DN 80

Technical data:

face to face lenght:

CSN 133045-2: 1997
GOST 3706: 1993

flanges acc. EN 1092-2

leakproofness class - A

working pressure PN16

medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.

Stainless steel spindle with rolled thread and bearing.

Total suface rubbered wedge with replaceable spindle nut.

Gate valve with full bore.

All parts are protected against corrosion.

Standard execution:

PN16, 70 °C, EPDM, epoxide paint

RAL5005 250 µm, without handwhell (*).

Certyficat CE

Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Execution NBR version - oil fluids.

Assembly:

Assembly from Horizontal to Vertical position.

*- other executions on request

DN	L
[mm]	
80	210
100	230
125	255
150	280
200	330
250	450
300	500

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012
3	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2012 EN-GJS-400-15, PN-EN 1563:2012 Rubber EPDM, NBR, PN-ISO 1629: 2005
4	Packing cork	Brass PN-EN 1982:2010
5	Stopper ring	Steel 65G PN-74/H-84032
6	Clean gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
7	Spindle nut	Brass PN-EN 1982:2010
8	Spindle	Stal X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
13	Screw stopper	Paraffin
14	Washer	Polyethylene PN-EN ISO 1872-1:2000

Fig. 2902/2911

SOFT WEDGE GATE VALVE FLANGED FOR ACTUATOR



Photo DN 80

Technical data:

face to face lenght acc. EN 558-1: 2001
gate valve type 2911 - row 14
gate valve type 2902 - row 15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16
medium temperature up to 70°C

Connector type (coupling) B3 acc. ISO 5210
E acc. DIN 3210

Design features:

A bolt is a base produkt typ 2002 and 2111.
Spindle's gaskets O-ring - "DRY THREAD" -
replaceable under pressure.
Stainless steel spindle with rolled thread and
bearing.
Total sufrace rubbered wedge with replaceable
spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Application:

In instalations: for water, potable water and other
inert fluids to flow closing.

Assembly:

Assembly from Horizontal to vertical position.

*- other executions on request

Standard execution:
PN16, 70 °C, EPDM, epoxide paint
RAL5005 250 µm*.

Certyficat CE
Hygienic attest by PZH

DN	L 2911	L 2902
[mm]		
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600
500	350	700
600	390	800

Fig. 2910/2913

WEDGE-RING GATE VALVE

FLANGED FOR ACTUATOR



Photo DN 500



Photo DN 600

Technical data:

face to face lenght: acc. EN 558-1
gate valve type 2910-2913 - row 14-15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN16, PN10, PN6, PN2,5
medium temperature up to 200°C

Design features:

Spindle's gaskets O-ring - "DRY THREAD" - replaceable under pressure.
Stainless steel spindle with rolled thread and bearing.
Wedge with replaceable spindle nut.
All parts are protected against corrosion.

Standard execution:
PN16, 120°C , EPDM, stainless steel spindle, brass rings polivinyli paint RAL7005 100 µm, handwheel¹ *.
up to 150°C , bronze ring,
up to 200°C **, steel ring

gland seal

Certyficat CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from Horizontal to Vertical position up to DN300. Over DN300 only vertical position.

*- other executions on request

DN	L	
	2910	2913
	[mm]	
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	----
400	310	----
500	350	----
600	390	----

Fig. 2901/2903

SOFT WEDGE GATE VALVE

WITH PNEUMATIC ACTUATOR



Photo DN 200

Technical data:

face to face lenght: acc. EN 558-1
gate valve type 2901,2903 - row 14-15
flanges acc. EN 1092-2
leakproofness class - A
working pressure PN10
medium temperature up to 70°C

Design features:

Spindle's gaskets O-ring

Stainless steel tang. Total sufrage rubbered wedge with replaceable spindle nut.
Gate valve with full bore.
All parts are protected against corrosion.

Standard execution:
PN10, 70°C , EPDM, epoxide paint
RAL5005 250 µm, without handwheel[†] *.

Certyficat CE
Hygienic attest by PZH

Application:

In instalations: for water, potable water and other inert fluids to flow closing.

Assembly:

Assembly from Horizontal to Vertical position.
Actuator air pressure of 6 bar.

*- other executions on request

DN	L	
	2910	2913
	[mm]	
40	140	240
50	150	250
65	170	270
80	180	280
100	190	300
125	200	325
150	210	350
200	230	400
250	250	450
300	270	500
350	290	550
400	310	600

No.	Part	Materials
1	Body	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000
2	Bonnet	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000
3	Flange connector	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000
4	Packing cork	Brass PN-EN 1982:2002
5	Stopper ring	Steel 65G PN-74/H-84032
6	Wedge	grey cast iron, nodular cast iron EN-GJL-250, PN-EN 1561:2000 EN-GJS-400-15, PN-EN 1563:2000 Rubber NBR PN-ISO 1629: 2005
7	Spindle nut	Brass, nodular cast iron PN-EN 1982:2002 EN-GJS-400-15, PN-EN 1563:2000
8	Spindle	Steel X20Cr13 PN-EN 10088-1:2007
9	Bonnet gasket	Rubber EPDM, NBR PN-ISO 1629: 2005
10 11	Seal O-Ring	Rubber EPDM, NBR PN-ISO 1629: 2005
12	Screw	steel Fe/Zn5, Stainless steel PN-EN ISO 4762: 2006
13	Pneumatic actuator	Katalog producenta