

		VALVE with disc, with flanged ends	
PN6 (0,6 MPa)	DN 15 - 200	a straight-way form	Fig. 215
PN16 (1,6 MPa)	DN 15 - 300		
PN25 (2,5 MPa)	DN 15 - 200		
PN40 (4,0 MPa)	DN 15 - 200		
PN6 (0,6 MPa)	DN 15 - 200	angle form	Fig. 216
PN16 (1,6 MPa)	DN 15 - 300		

APPLICATION

Industrial cold and hot water, steam, air, neutral fluids.

ADVANTAGES

- high tightness,
- compact construction,
- no maintenance,
- environment-friendly.

STOP VALVE	PN6, PN16, PN25
	Fig. 215
	Fig. 216



SCREW-DOWN STOP AND CHECK VALVE	PN6, PN16
	Fig. 215 - (ex. Fig. 330) Fig. 216 - (ex. Fig. 331)



	PN40
STOP VALVE	Fig. 215 - (ex. Fig. 218)
SCREW-DOWN STOP AND CHECK VALVE	Fig. 215 - (ex. Fig. 468)

Note:
Material in accordance to EN.

A ⇒ EN-GJL-250, C ⇒ EN-GLS-400-18-LT, E ⇒ CuSn10-B, F ⇒ GP240GH

On customers request ⇒ Fig. 216.F(ex. Fig. 222) DN15-200 na / für / for PN 40

DN	PN 6				PN 16				PN 6, PN 16		PN 25					PN 6, PN 16, PN 25				
	Dz	Dp	Do	n x d	Dz	Dp	Do	n x d	g	f	Dz	Dp	Do	n x d	g	Fig. 215				
	L	H	kg	Kv	L	H	kg	Kv	L	H	kg	Kv	L	H	kg	Kv	L	H	kg	Kv
	mm															mm				m³/h
15	80	38	55	4 x 11	95	46	65	4 x 14	14	2	95	46	65	4 x 14	14	130	167	3,3	5,9	
20	90	48	65	4 x 11	105	56	75	4 x 14	16	2	105	56	75	4 x 14	16	150	167	3,9	7,4	
25	100	58	75	4 x 11	115	65	85	4 x 14	16	2	115	65	85	4 x 14	16	160	175	5,0	13,0	
32	120	69	90	4 x 14	140	76	100	4 x 19	18	2	140	76	100	4 x 19	18	180	186	6,6	18,0	
40	130	78	100	4 x 14	150	84	110	4 x 19	18	3	150	84	110	4 x 19	19	200	235	8,4	30,0	
50	140	88	110	4 x 14	165	99	125	4 x 19	20	3	165	99	125	4 x 19	19	230	248	12,0	41,0	
65	160	108	130	4 x 14	185	118	145	4 x 19	20	3	185	118	145	8 x 19	19	290	260	17,3	79,0	
80	190	124	150	4 x 19	200	132	160	8 x 19	22	3	200	132	160	8 x 19	19	310	291	22,7	115	
100	210	144	170	4 x 19	220	156	180	8 x 19	24	3	235	156	190	8 x 23	19	350	338	35,8	181	
125	240	174	200	8 x 19	250	184	210	8 x 19	26	3	270	184	220	8 x 28	19	400	384	52,8	225	
150	265	199	225	8 x 19	285	211	240	8 x 23	26	3	300	211	250	8 x 28	20	480	429	74,2	364	
200	320	254	280	8 x 19	340	266	295	12 x 23	30	3	360	274	310	12 x 28	22	600	529	126	690	
250	-	-	-	-	405	319	355	12 x 28	-	3	-	-	-	-	-	730	638	200	1010	
300	-	-	-	-	460	370	410	12 x 28	-	4	-	-	-	-	-	850	710	315	1460	

DN	PN 6, PN 16, PN 25				PN40									
	Fig. 216				Fig. 215F						Fig. 215F.01		kg	
	L	H	kg	Kv	D _z	D _p	D _o	g	f	nxd	L	H		
mm	mm		kg	m³/h	mm						mm			
15	90	163	3,1	7,2	95	47	65	16	2	4x14	130	170	4,0	
20	95	160	3,5	9,2	105	58	75	18	2	4x14	150	195	5,3	
25	100	173	4,8	16,0	115	68	85	18	2	4x14	160	200	5,7	
32	105	173	6,6	22,0	140	78	100	18	2	4x18	180	235	10,0	
40	115	214	8,7	37,0	150	88	110	18	3	4x18	200	275	13,3	
50	125	211	11,8	51,0	165	102	125	20	3	4x18	230	275	15,3	
65	145	236	14,0	98,5	185	122	145	22	3	8x18	290	345	25,2	
80	155	250	20,5	143	200	133	160	24	3	8x18	310	355	32,2	
100	175	301	32,2	226	235	162	190	24	3	8x22	350	415	50,5	
125	200	339	46,0	281	270	184	220	26	3	8x26	400	490	78,0	
150	225	383	62,0	455	300	218	250	28	3	8x26	480	545	104,0	
200	275	455	106	860	375	280	320	34	3	12x30	600	680	198,0	
250	325	531	-	1260	-	-	-	-	-	-	-	-	-	
300	375	710	-	-	-	-	-	-	-	-	-	-	-	

DN	kg	
mm	Fig. 215E	Fig. 216E
15	3,9	3,9
20	4,75	4,7
25	6,0	6,0
32	8,1	8,1
40	11,7	11,7
50	14,1	13,1

STOP VALVE

Stroke		
	Fig. 215A, C, E Fig. 216A, C, E	Fig. 215F
DN	h	
	mm	
15	5	7
20	5,5	10
25	7	13
32	14	14
40	20	17
50	25	17
65	35	30
80	41	32
100	31	38
125	48	63
150	54	63
200	77	
250	120	
300	120	
	PN6, PN16	PN40

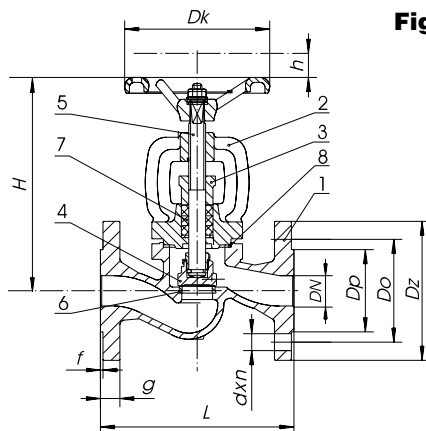


Fig. 215

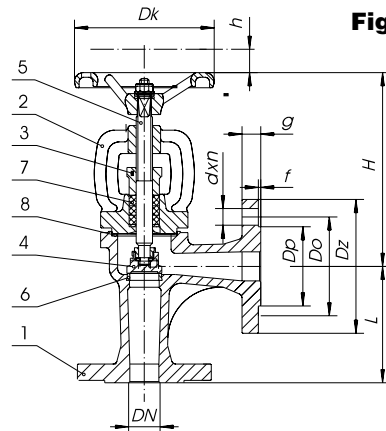
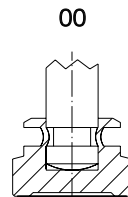


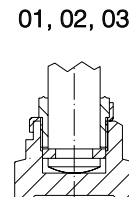
Fig. 216

Fig. 215A	EN-GJL-250	PN6	DN 15-200
Fig. 215A	EN-GJL-250	PN16	DN 15-300
Fig. 215C	EN-GJS-400-18-LT	PN16	DN 15-200
Fig. 215C	EN-GJS-400-18-LT	PN25	DN 15-200
Fig. 215E	G-CuSn10-B	PN16	DN 15-50
Fig. 215F	GP240GH (1.0619)	PN40	DN 15-200

Fig. 216A	EN-GJL-250	PN6	DN 15-200
Fig. 216A	EN-GJL-250	PN16	DN 15-300
Fig. 216E	G-CuSn10-B	PN16	DN 15-50
Fig. 216F	GP240GH (1.0619)	PN40	DN 15-200



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01, 02, 03

PN ⇒	PN40	PN6, PN16, PN25		
OPTIONAL ⇒	00, 01	00, 01	02	03
Plug	X20Cr13 1.4021	X20Cr13 1.4021	CuSn10-B	
Stem		X20Cr13 1.4021	CuZn40Mn2	CuSn10-B
Seat ring	X12Cr13 1.4006	X12Cr13 1.4006	CuSn10-B	

SCREW - DOWN CHECK VALVE

Stroke		
	Fig. 215A, C, E Fig. 216A, C, E	Fig. 215F
DN	h	
	mm	
15	5	4
20	5	5
25	8	6
32	9	8
40	12	10
50	13	13
65	16	17
80	20	20
100	25	25
125	32	32
150	38	38
200	50	50
250	62	
300	100	
	PN6, PN16	PN40

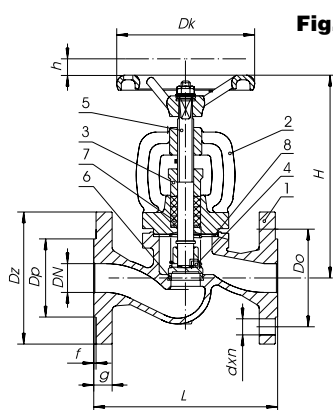


Fig. 215 (ex. Fig 330)

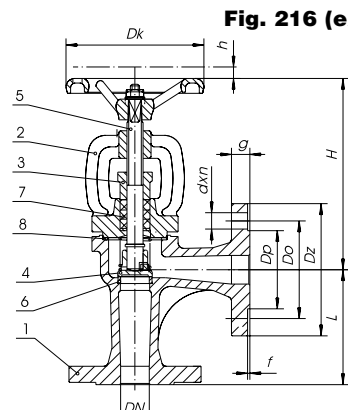
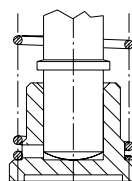


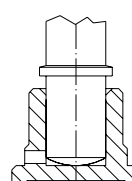
Fig. 216 (ex. Fig 331)

Fig. 215A	EN-GJL-250	PN6	DN 15-200
Fig. 215A	EN-GJL-250	PN16	DN 15-300
Fig. 215C	EN-GJS-400-18-LT	PN16	DN 15-200
Fig. 215C	EN-GJS-400-18-LT	PN25	DN 15-200
Fig. 215E	G-CuSn10-B	PN16	DN 15-50
Fig. 215F	GP240GH (1.0619)	PN40	DN 15-200
Fig. 216A	EN-GJL-250	PN6	DN 15-200
Fig. 216A	EN-GJL-250	PN16	DN 15-300
Fig. 216E	G-CuSn10-B	PN16	DN 15-50

Spring
31
X17CrNi16-2 1.4057
32, 33
CuSn6

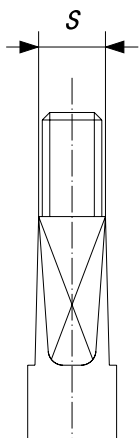


41, 42, 43

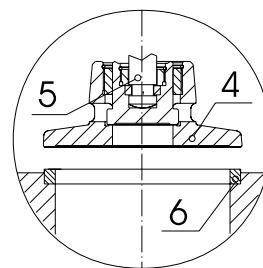


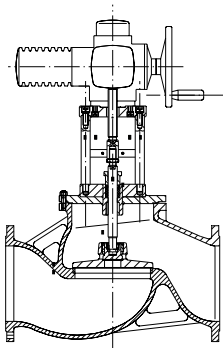
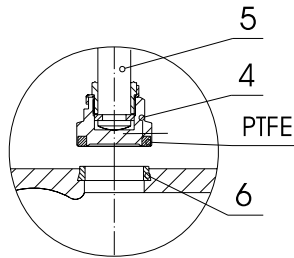
PN ⇒	PN40	PN6, PN16, PN25		
OPTIONAL ⇒	31	31, 41	32, 42	33, 43
Plug	X20Cr13 1.4021	X20Cr13 1.4021	CuSn10-B	
Stem		X20Cr13 1.4021	CuZn40Mn2	CuSn10-B
Seat ring	X12Cr13 1.4006	X12Cr13 1.4006	CuSn10-B	

DN	PN6,PN16		PN40	
	Dk	Δs	Dk	Δs
mm				
15	100	9	120	11
20	100	9	120	11
25	120	11	120	11
32	120	11	160	14
40	160	13	180	14
50	160	13	180	14
65	180	14	250	17
80	200	16	250	17
100	250	17	250	17
125	250	17	320	19
150	320	19	320	19
200	360	24	360	24
250	360	27		
300	500	27		



DN 200 - 300 → Fig. 215A, Fig. 216A
DN 125 - 200 → Fig. 215F



On customers request		
Special orders on customer's request		DN 15 - 80
Fig. 215.51 		Fig. 215.08, Fig. 216.08 DN 15 - 150 Max. working temperature 200°C 
Valve actuator Electromechanical actuator: ZPA NOVA PAKA, typ ZEPADYN		

	PN6	PN16	PN25	PN40
Pressure test of the body	0,9 MPa	2,4 MPa	3,75 MPa	6 MPa
Pressure of the closure	0,6 MPa	1,76 MPa	2,75 MPa	4,4 MPa

Flanges	PN6, PN16 → EN 1092 - 2
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Face to face length	EN 558-1 → 1 -Fig. 215, 8 - Fig. 216 (DIN3202 → F1 -Fig.215, F32 - Fig. 216)
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PN40	
DN[mm]	Δp max [bar]
15 -100	40
125	33
150	21
200	14

EN 1092-2: 1997									
Pressure - temperature									
EN-GJL-250				EN-GJS-400-18-LT				GP240GH (1.0619)	
PN6		PN16		PN16		PN25		PN40	
°C	bar	°C	bar	°C	bar	°C	bar	°C	bar
-10	6	-10	16	-10	16	-10	25	-50	-
120	6	120	16	120	16	120	25	-20	40
150	5,4	150	14,4	150	15,5	150	24,3	120	40
180	5	180	13,4	200	14,7	200	23	200	35
200	4,4	200	12,8	250	13,9	250	21,8	250	32
230	4,4	230	11,8	300	12,8	300	20	300	28
250	4,2	250	11,2	350	11,2	350	17,5	350	24
300	3,6	300	9,6	-	-	-	-	400	21

ORDERING

When ordering please specify: Fig., PN and DN.
These data are for information only. Our marketing department provides you with detailed specifications.

215F, 216F - Cooperation valves