

Modell 03 Series 14 – Stahlguss – WCB: Absperrschieber

aus Stahlguss DIN/EN-1.0619N (GP240GH - ASTM A216 WCB),

Baulänge: EN-588-1 Series 14 (DIN 3202-F4), Druck- und Temperaturbereich: ASME B16.34

Test- und Prüfnormen: API 598, entspricht DIN 3352, Flanschgrößen nach EN 1092-1

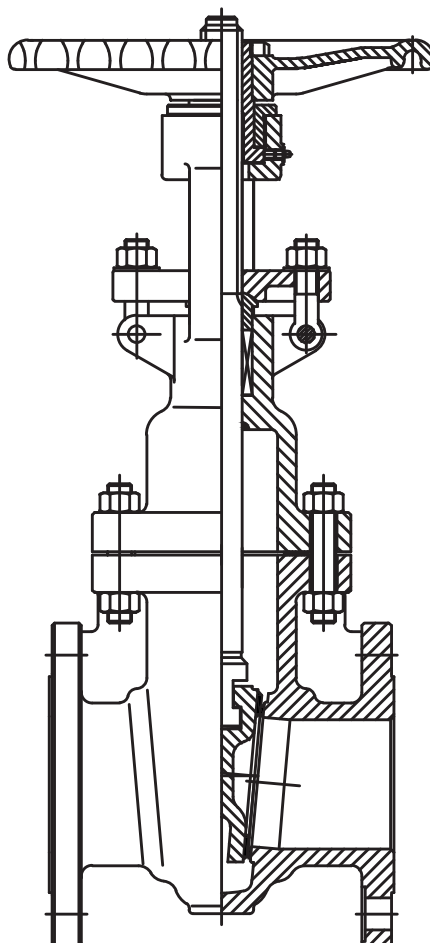
Type 03 Series 14 – WCB-Cast Steel: Gate valve

in Cast steel DIN/EN-1.0619N (GP240GH - ASTM A216 WCB),

Face to Face: EN-588-1 Series 14 (DIN 3202-F4), Pressure and temperature rating: ASME B16.34

Test and inspection standards: API 598, acc. to DIN 3352, Flange acc. to EN 1092-1

DN50–DN800 PN16, PN25



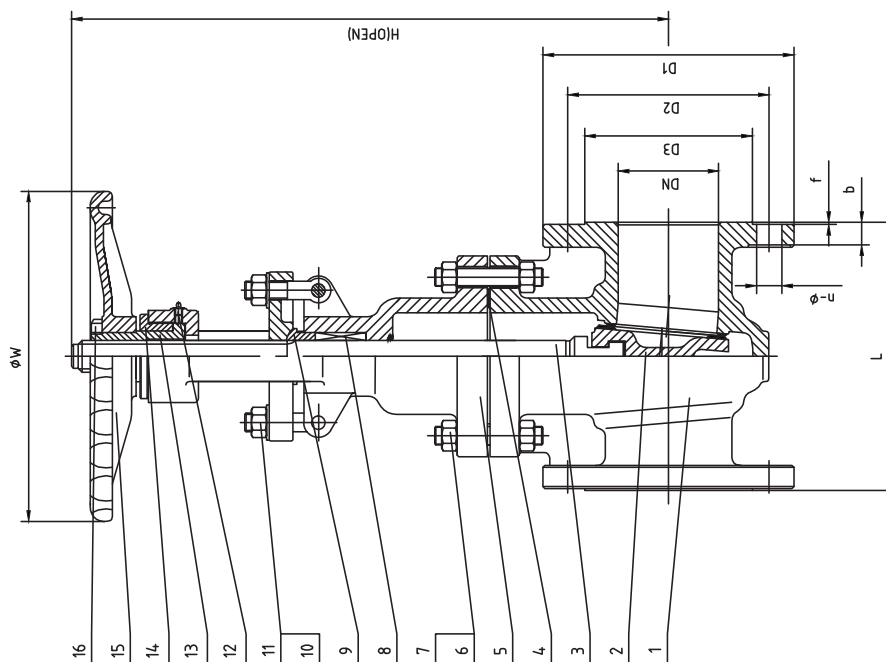
03-WCB-Series 15-50-800-PN16-25 – 02.09.2024

DN50-DN200 PN16

16	Lock Nut	AISI 1035
15	HandWheel	Ductile Iron
14	Retaining Nut	AISI 1035
13	Stem Nut	Copper Alloy
12	Nipple	Copper Alloy
11	Gland Nut	ASTM A194 2H
10	Gland Eyebolt	ASTM A193 B7
9	Gland	ASTM A182 F6a
8	Stem Packing	Flexible Graphite
7	Bonnet Nut	ASTM A194 2H
6	Bonnet Bolt	ASTM A193 B7
5	Bonnet	1.0619N
4	Gasket	SS304+Flexible Graphite
3	Stem	ASTM A182 F6a
2	Wedge	1.0619N+13Cr
1	Body	1.0619N+STL
No.	Parts Name	Material

Performance Specifications

PN16			
Test Pre-ssure	Shell Test	2.4	MPa
	Back Seal Test	1.76	
	Seal Test	1.76	
	Air Test	0.6	
Suitable Temp.		-10 ~ 400	°C
Suitable Media		W.O.G.etc	



Technical Requirements

1. Design & manufacture conform to EN1984
2. Face to Face dimension conforms to DIN 3202-F4
3. Flange dimension conforms to EN1092-1/B1
4. Test & Inspect conform to EN12266-1/2

Gate valve PN16



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Main Dimension (mm)

PN	DN	D1	D2	D3	f	b	n-φd	L	H	W
16	50	165	125	102	3	18	4-φ18	150	398	200
16	65	185	145	122	3	18	8-φ18	170	437	220
16	80	200	160	138	3	20	8-φ18	180	510	250
16	100	220	180	158	3	20	8-φ18	190	581	280
16	125	250	210	188	3	22	8-φ18	200	662	280
16	150	285	240	212	3	22	8-φ22	210	765	300
16	200	340	295	268	3	24	12-φ22	230	960	350

DN250-DN300 PN16

Performance Specifications			
PN16			
Test	Pre-Pressure	MPa	
Shell Test	2.4		
Back Seal Test	1.76		
Seal Test	1.76		
Air Test	0.6		
Suitable Temp.		-10 °C	400 °C
Suitable Media		W.O.Gas	

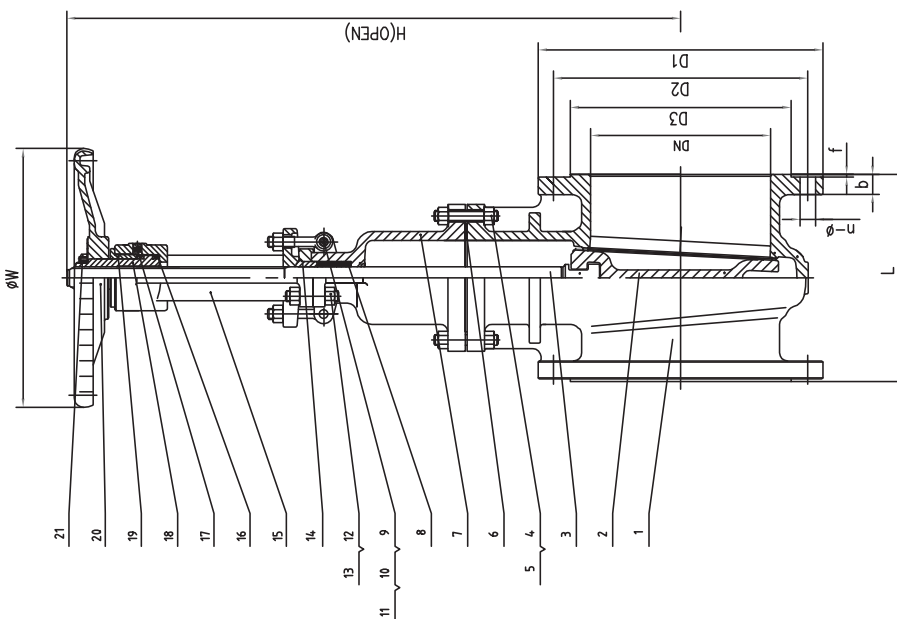
21	Lock Nut	AISI 1035
20	HandWheel	Ductile Iron
19	Retaining Nut	AISI 1035
18	Stem Nut	Copper Alloy
17	Nipple	Copper Alloy
16	Bearings	Alloy Steel
15	Yoke	10619N
14	Gland	ASTM A182 F6a
13	Yoke Nut	ASTM A194 2H
12	Yoke bolt	ASTM A193 B7
11	Gland Nut	ASTM A194 2H
10	Gland Eyebolt	ASTM A193 B7
9	Bolt	AISI 1035
8	Packing	Flexible Graphite
7	Bonnet	10619N
6	Gasket	SS304+Flexible Graphite
5	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H
3	Stem	ASTM A182 F6a
2	Wedge	10619N+13Cr
1	Body	10619N+STL
NO.	Parts Name	Material

Technical Requirements

- Design & manufacture conform to EN1984
- Face to Face dimension conforms to DIN 3202-F4
- Flange dimension conforms to EN1092-1/B1
- Test & inspect conform to EN12266-1/2

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PN		Main Dimension (mm)						
		DN	D1	D2	D3	f	b	n-φd
16	250	405	355	320	3	26	12-φ26	250
16	300	460	410	378	4	28	12-φ26	270
								1186
								1373
								450

DN350-DN600 PN16

NO.	Parts Name	Material
17	Gear Box	
16	Stem Nut	Alloy copper
15	Yoke	1.0619N
14	Gland	ASTM A182 F6a
13	Yoke Nut	ASTM A194 2H
12	Yoke bolt	ASTM A193 B7
11	Gland Nut	ASTM A194 2H
10	Gland Eyebolt	ASTM A193 B7
9	Bolt	AISI 1035
8	Packing	Flexible Graphite
7	Bonnet	1.0619N
6	Gasket	SS304+Flexible Graphite
5	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H
3	Stem	ASTM A182 F6a
2	Wedge	1.0619N+13Cr
1	Body	1.0619N+STL

Technical Requirements

1. Design & manufacture conform to EN1984
2. Face to Face dimension conforms to DIN 3202-F4
3. Flange dimension conforms to EN1092-1/B1
4. Test & inspect conform to EN12266-1/2

Gate valve PN16

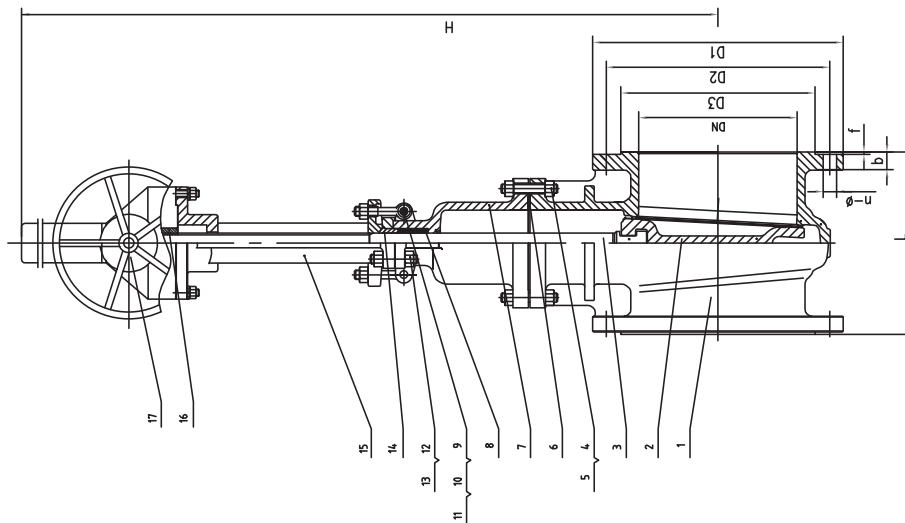


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Performance Specifications

PN16			
Test	Shell Test	2.4	
Pre-ssure	Back Seal Test	1.76	MPa
	Seal Test	1.76	
	Air Test	0.6	
Suitable Temp.	-10 ~400 °C		
Suitable Media	W.D.G.e.t.c		



Main Dimension (mm)

PN	DN	D1	D2	D3	f	b	n-Ød	L	H
16	350	520	470	438	4	30	16-Ø26	290	1590
16	400	580	525	490	4	32	16-Ø30	310	1720
16	450	640	585	550	4	34	20-Ø30	330	1892
16	500	715	650	610	4	36	20-Ø33	350	2105
16	600	840	770	725	5	40	20-Ø36	390	2490

DN700-DN800 PN16

17	Gear Box	Components
16	Stem Nut	Alloy copper
15	Yoke	1.0619N
14	Gland flange	ASTM A105
13	Gland	ASTM A182 F6a
12	Yoke Nut	ASTM A194 2H
11	Yoke bolt	ASTM A193 B7
10	Gland Nut	ASTM A194 2H
9	Gland Bolt	ASTM A193 B7
8	Packing	Flexible Graphite
7	Bonnet	1.0619N
6	Gasket	SS304+Flexible Graphite
5	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H
3	Stem	ASTM A182 F6a
2	Wedge	1.0619N+13Cr
1	Body	1.0619N+STL
NO.	Parts Name	Material

Technical Requirements
 1. Design & manufacture conform to EN1984
 2. Face to Face dimension conforms to DIN 3202-F4
 3. Flange dimension conforms to EN1092-1/B1
 4. Test & inspect conform to EN12266-1/2

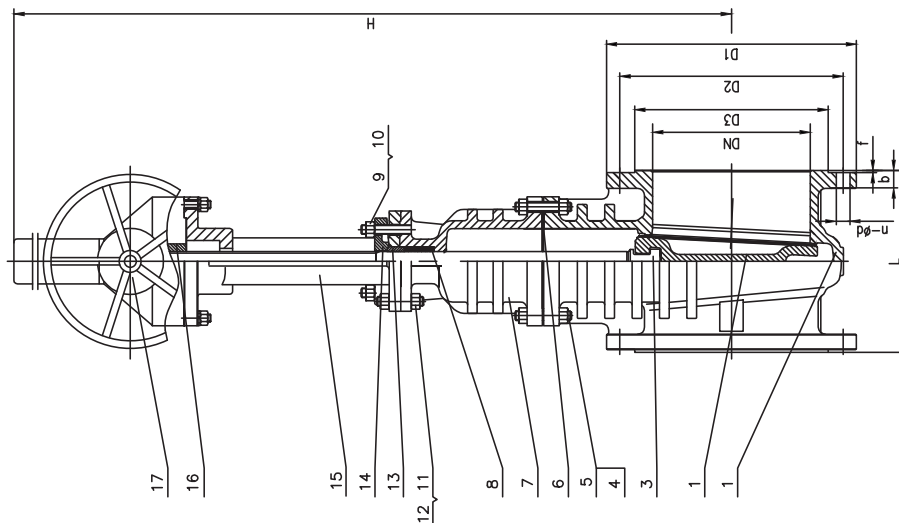
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Performance Specifications

PN16			
Test	Shell Test	2.4	MPa
Pre-ssure	Back Seal Test	1.76	
	Seal Test	1.76	
	Air Test	0.6	
Suitable Temp.		-10 ~ 400	°C
Suitable Media		W.O.G etc	



Main Dimension (mm)

PN	DN	D1	D2	D3	f	b	n-φd	L	H
16	700	910	840	795	5	40	24-φ36	430	2900
16	800	1025	950	900	5	41	24-φ39	470	3550

DN650-DN750 PN16

Performance Specifications			
PN16			
Test	Shell Test	2.4	MPa
Pre-Pressure	Back Seal Test	176	
	Seal Test	176	
	Air Test	0.6	
Suitable Temp.	-10° 400 °C		
Suitable Media	W.O.G.etc		

Main Dimension (mm)						
PN	DN	D1	D2	D3	f	b
16	650	870	806.4	749	2	68.7
16	750	985	914.4	857	2	75.1
						L
						2806
						3230

17	Gear Box	Components
16	Stem Nut	Alloy copper
15	Yoke	1.0619N
14	Gland flange	ASTM A105
13	Gland	ASTM A182 F6a
12	Yoke Nut	ASTM A194 2H
11	Yoke bolt	ASTM A193 B7
10	Gland Nut	ASTM A194 2H
9	Gland Bolt	ASTM A193 B7
8	Packing	Flexible Graphite
7	Bonnet	1.0619N
6	Gasket	SS304+Flexible Graphite
5	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H
3	Stem	ASTM A182 F6a
2	Wedge	1.0619N+13Cr
1	Body	1.0619N+STL
NO.	Parts Name	Material

Technical Requirements

1. Design & manufacture conform to EN1984
2. Face to Face dimension conforms to DIN 3202-F4
3. Flange dimension conforms to EN1092-1/B1
4. Test & inspect conform to EN12266-1/2

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