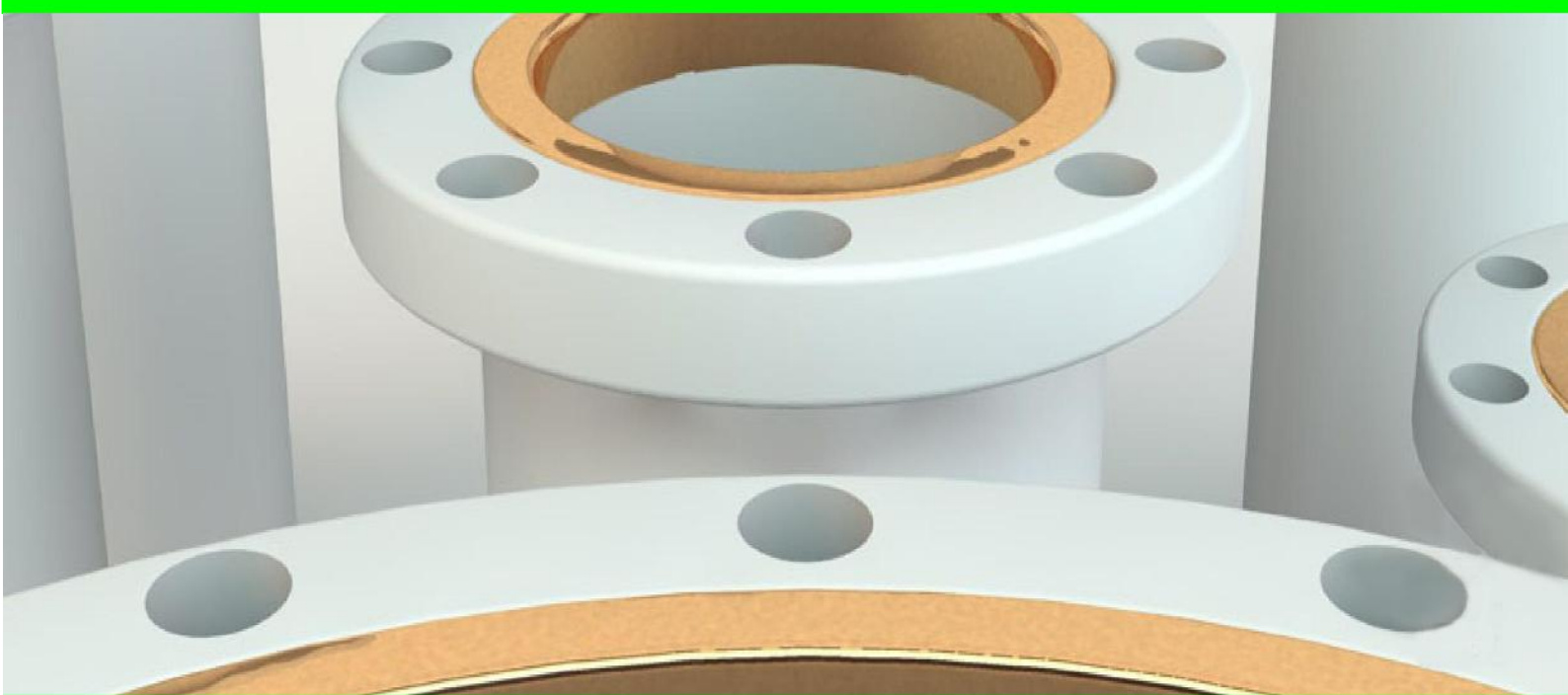




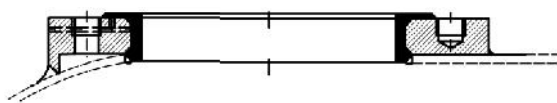
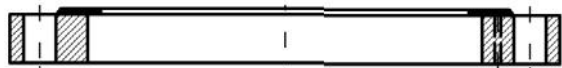
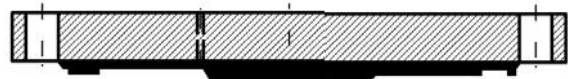
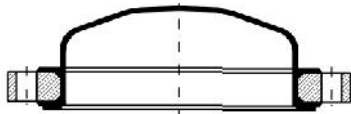
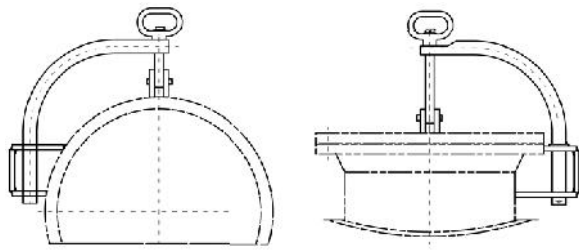
Erich Pokrandt GmbH

PRODUCT CATALOGUE



**PLATED FLANGES AND ACCESSORIES
FOR PRESSURE VESSEL AND TANK CONSTRUCTION**



		
Plated flanges and necks DN 25 – 600, PN 6 – 40 ANSI (ASA) 1" – 24" 150 lbs and 300 lbs	Page 4 - 8	
Plated block flanges DN 25 – 500 PN 10 – 40	Page 9, 10	
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Plated flanges and necks DN 1000 – 2000 DIN 28038	Page 14, 15	
Plated weld-neck flanges for all rated pressures up to DN 2000		
Plated blind flanges for all rated pressures up to DN 1400	Page 16 - 21	
Plated flanges with welded-in convex bottoms		
Davit arms acc. DIN 28124 Part 4	Page 22 - 28	
Manhole covers DIN 28124 Part 1 – 3		
Covers with cover side swiveling DIN 28125 Part 1		
Plated agitator flanges DIN 28137		
Customized manufacturing according to your requirements in plated design, made of steel or stainless steel. Apart from our KOMBI program, all versions are also available with sealing surfaces form N + F or form R + V.		



We are an experienced and TÜV certified company for the construction of pressure vessel parts and pressure vessels.

The products listed in our catalogue have been successfully tested and certified by TÜV - Pfalz, Anlagen- u. Betriebstechnik GmbH

- Fachabteilung Druckgeräte -

We were granted all necessary and required approvals.

Approvals and certificates

Material restamping agreement with TÜV - Pfalz

Approval acc. AD - note HP0

Examinations acc. TRD 201; AD - note HP2 / 1

DIN EN 287/1; HP 3; DIN EN 288/3; HP 5 / 2

Welding approvals

Materials of group 1 acc. to AD-note HP0 Table 1

or group 1 Table 3 in compliance with EN 288/3.

Materials of group 6 acc. AD-note HP0 Table 1

or group 9 Table 3 in compliance with EN 288/3.

Materials of group 7 acc. to AD-note HP0 Table 1

1.4539 acc. VdTÜV - W. Page 421.

Materials of group 8 acc. AD-note HP0 Table 1

and all the resulting mixed compounds.





Zertifikat

Hersteller und Schweißbetrieb gemäß AD 2000-Regelwerk / DIN EN ISO 3834

Zertifikat Nr.:

01 202 254/A-12 0006

Name und Anschrift des
Herstellers:

Erich Pokrandt GmbH
August-Bebel-Str. 3
67454 Haßloch
Deutschland

Hiermit wird bescheinigt, dass die oben genannte Firma
über folgende wesentliche Voraussetzungen verfügt:

- Einrichtungen, die eine sachgemäße und dem Stand der Technik entsprechende Herstellung und Prüfung gestatten,
- eine Qualitätssicherung, die eine den Technischen Regeln entsprechende Herstellung und Prüfung der im Prüfbericht genannten Erzeugnisformen sicher stellt,
- fachkundiges Aufsichts- und Prüfpersonal.

Prüfgrundlage:

AD 2000-Merkblatt HP 0 / HP 100 R, TRD 100,
DIN EN ISO 3834-3 und DGR 97/23/EG Anhang I, Abs.
3.1

Prüfbericht Nr.:

01 202 254/A-12 0006

Geltungsbereich:

Herstellung von Druckgeräten, siehe Anlage

Fertigungsstätte/Lieferer:

Erich Pokrandt GmbH
August-Bebel-Str. 3
67454 Haßloch
Deutschland

Dipl.-Ing. Rolf-Dieter Viol



TÜV Rheinland-Zertifizierungsstelle
für Druckgeräte der
TÜV Rheinland Industrie Service GmbH
Am Grauen Stein, D-51105 Köln

Regionalbereich Südwest
Geschäftsfeld I.01 – Druckgeräte und Werkstofftechnik
Merkurstr. 40, 67663 Kaiserslautern
Email: Gerhard.Brokkopp@de.tuv.com

M-D10-Rev3

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Genau. Richtig.

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Fax: 06324 / 923 999
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Version: 01.03.2020

Page 3



Plated flanges and necks PN6 to PN40 with plain sealing surface as well as with tongue and groove

Factory standard

PF 6 - 40

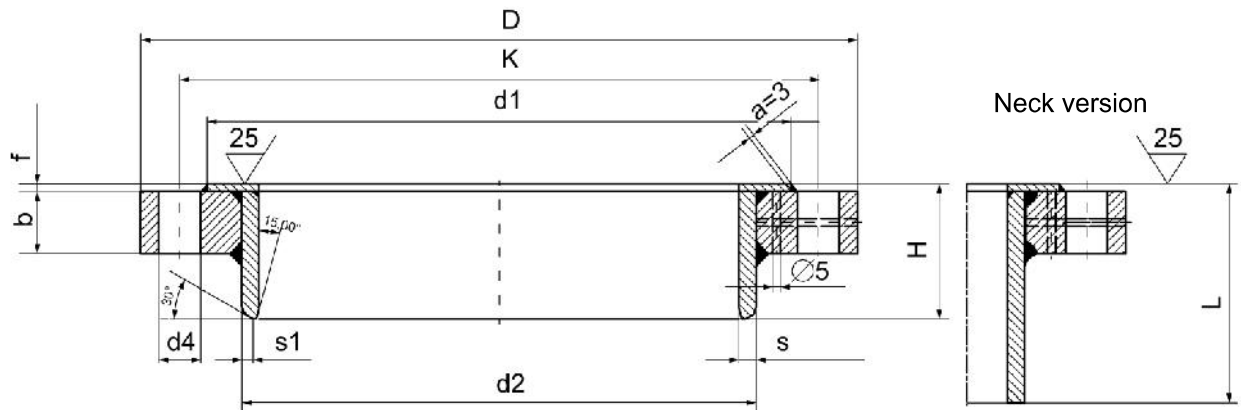
Dimensions in mm

In compliance to DIN 28025 and DIN EN 1092-1

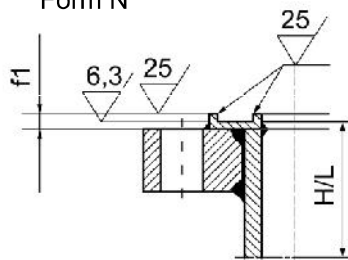
Surface specification acc. to DIN ISO 1302

Application area: The flanges can be used for the stated operating pressure at temperatures up to 120°C.

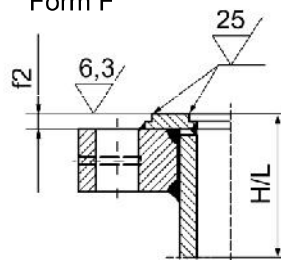
At higher temperatures, from 120 °C to 300 °C, corresponding decrease in the material yield strength must be considered. Other dimensions according to the customers specification.



Sealing surface with groove
Form N



Sealing surface with tongue
Form F

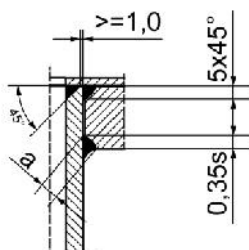


HU-weld acc. to
manufacturer's choice

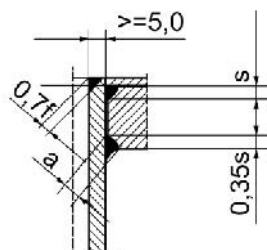
s	<10	>10
r	6	8

Dimensions for male/female face joints acc. DIN 2513
Sealing surface with male/female face joints as well

Version $s \leq 5,0$



Version $s \geq 6,0$



HV-weld as a standard

a	pe x di
0,7s	<10 000
1,0s	<20 000

Weld edge at $s1=s$



Order sample: Plated flange DN 250/273 PN 10 - C - S235JR/1.4541

PF 250/273 - PN 10 - C - S235JR/1.4541

Order sample: Plated neck DN 250 x 5 x 200 PN 10 - C - S235JR/1.4541

PS 250/273 x 5 x 200 PN 10 - C - S235JR/1.4541

Materials

Flange

S235JR or P265GH

Flange

PN 16 from DN 500 as well as PN 25 and PN 40 P265GH

Plating

Stainless steel grade 1.4541 or 1.4571 and others





Plated flanges and necks PN6 to PN40 with plain sealing surface as well as with tongue and groove

Factory standard
PF 6 - 40

Dimensions in mm				In compliance to DIN 2573, 2576 and 28025															
Rated press. PN	Nom. size DN	d2		Flange			Plating								Screws		Weight kg		
		Series1	Series2	D	b	K	H	L	≈ d1	s	s1	f	f1	f2	Q-ty	d4			
6	25	33,7	30,0	100	14	75	38	ca. 500	60	3,6	2,6	3	-	-	4	11,5	0,9		
	32	42,4	38,0	120	16	90	40		70							14	1,4		
	40	48,3	44,5	130		100	42		80								2,9	1,6	
	50	60,3	57,0	140		110	45		90		1,9								
	65	76,1	-	160		130	110		2,4										
	80	88,9	-	190	18	150	50		128	4,0	3,2					8	18	3,8	
	100	114,3	108,0	210	170	52	148		3,6		4,2								
	125	139,7	133,0	240	20	200	55		178		4,0							5,7	
	150	168,3	159,0	265	225	60	202		5,0	5,0	12	22			6,5				
	200	219,1	-	320	22	280	55			258					4,0			8,7	
	250	273,0	267,0	375	24	335	60		312	4,0					4,0	16	26	11,5	
	300	323,9	318,0	440	395	62	365		4,0						14,4				
	350	355,6	368,0	490	26	445	65		415	5,0					5,0			20	30,8
	400	406,5	419,0	540	28	495	68		465		26,0								
	450	457,0	470,0	595	30	550	68		520		28,0								
	500	508,0	521,0	645	30	600	68		570	20	30,8	26			46,0				
	600	609,6	622,0	755	34	705	70		670										
10	200	219,1	-	340	24	295	62	ca. 500	268	5,0	5,0	4	10	10	8	11,4			
	250	273,0	267,0	395	26	350	68		320						12	14,9			
	300	323,9	318,0	445	26	400	68		370						16	17,4			
	350	355,6	368,0	505	30	460	68		430							25,2			
	400	406,4	419,0	565	32	515	72		482							20	33,5		
	450	457,0	470,0	615	36	565	75		530						41,0				
	500	508,0	521,0	670	38	620	75		585						48,5				
	600	609,6	622,0	780	42	725	85		685						30	68,0			
16	25	33,7	30,0	115	16	85	38	ca. 500	68	3,6	2,6	3	10	10	4	14	1,3		
	32	42,4	38,0	140	18	100	40		78							18	1,8		
						100											8(4)	2,1	
	40	48,3	44,5	150	18	110	42		88		2,9							2,8	
	50	60,3	57,0	165	20	125	45		102						3,5				
	65	76,1	-	185	20	145	45		122	4,0	3,2				8		22	4,6	
	80	88,9	-	200	20	160	50		138		3,6					4,8			
	100	114,3	108,0	220	22	180	52		158		4,0	3,6				10		26	7,1
	125	139,7	133,0	250	22	210	55		188	4,0	8,5								
	150	168,3	159,0	285	24	240	55		212	5,0	5,0	4			12		30		11,6
	200	219,1	-	340	26	295	62		268										18,4
	250	273,0	267,0	405	29	355	70		320										16
	300	323,9	318,0	460	32	410	78		378							35,0			
	350	355,6	368,0	520	35	470	82		438							20		33	
	400	406,4	419,0	580	38	525	85		490	63,0									
	450	457,0	470,0	640	42	585	90		545	36	80,0								
	500	508,0	521,0	715	46	650	90		610			121,0							
	600	609,6	622,0	840	55	770	105		725										

The given pipe wall thickness s is a standard. Thicker versions are available from DN 200.





Plated flanges and necks PN6 to PN40 with smooth sealing surface as well as with tongue and groove

Factory standard

PF 6 - 40

Dimensions in mm

In compliance to DIN 28025

Rated press.	Nom. size	d2		Flange			Plating								Screws		Weight	
		Series1	Series2	D	b	K	H	L	≈d1	s	s1	f	f1	f2	Q-ty	d4	kg	
PN	DN																	
25	200	219,1	—	360	32	310	80	ca. 500	278	5,0	5,0	4	10	10	12	26	19,0	
	250	273,0	267,0	425	35	370	88		335							30	29,0	
	300	323,9	318,0	485	38	430	92		395							33	39,0	
	350	355,6	368,0	555	42	490	100		450							36	57,0	
	400	406,4	419,0	620	48	550	110		505	6,0	6,0				20	36	75,0	
	450	457,0	470,0	670	54	600	125		555							36	93,0	
	500	508,0	521,0	730	58	660	125		615							39	111,0	
	600	609,6	622,0	845	68	770	130		720							39	173,0	
40	25	33,7	30,0	115	16	85	40	ca. 500	68	3,6	2,6	3	10	10	4	14	1,5	
	32	42,4	38,0	140	18	100	42		78							18	21	
	40	48,3	44,5	150	18	110	45		88								24	
	50	60,3	57,0	165	20	125	48		102		31							
	65	76,1	—	185	22	145	52		122		39							
	80	88,9	—	200	24	160	58		138	3,2	8				51			
	100	114,3	108,0	235	26	190	65		162	3,6		22			7,5			
	125	139,7	133,0	270	28	220	68		188	4,0		26			9,9			
	150	168,3	159,0	300	30	250	75		218	5,0	5,0	4			12	30	26,5	
	200	219,1	—	375	36	320	88		285							33	42,0	
	250	273,0	267,0	450	42	385	105		345							36	60,0	
	300	323,9	318,0	515	52	450	115		410							6,0	6,0	16
	350	355,6	368,0	580	58	510	125		465	8,0	8,0				39	131,0		
	400	406,4	419,0	660	65	585	135		535	10,0	10,0				20	42	165,0	
	450	457,0	470,0	685	d	610	135		560									
	500	508,0	521,0	755	d	670	140		615									

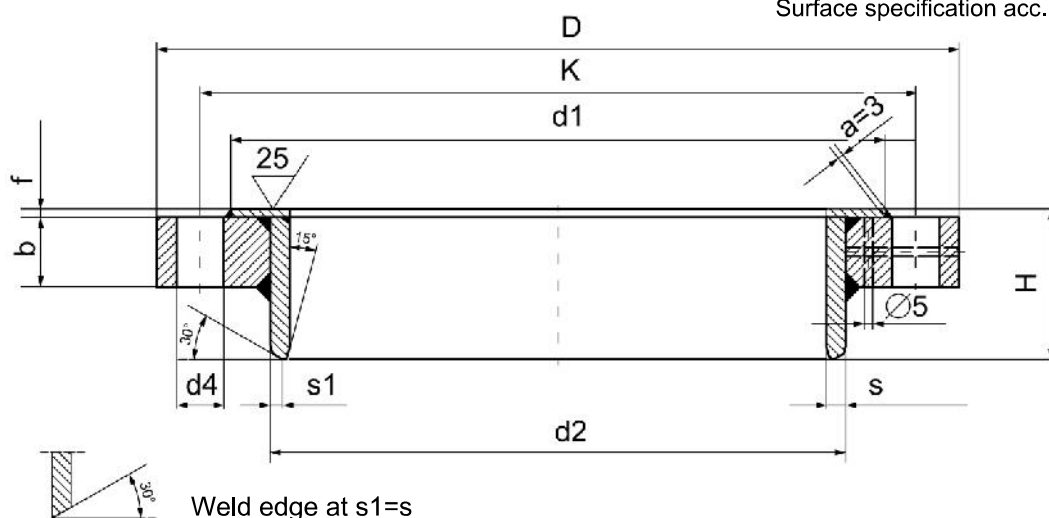
d- to be defined by the customer

The given pipe wall thickness s is a standard. Thicker versions are available from DN 200.

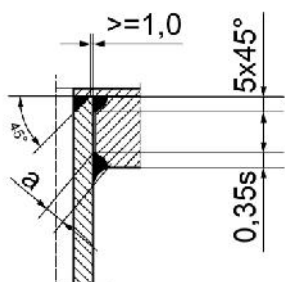


Dimensions in mm

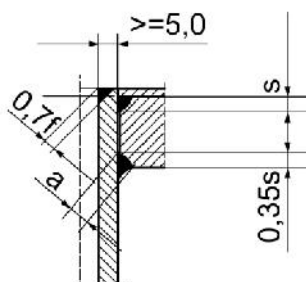
In compliance to ANSI 150 lbs, 300 lbs
Surface specification acc. to DIN ISO 1302



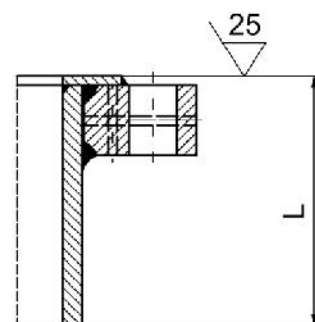
Version s <= 5,0



Version s >= 6,0

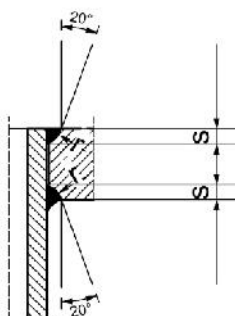


Neck version



HV-weld as a standard

a	pe x di
0,7s	<10 000
1,0s	<20 000



HU-weld acc. to
manufacturer's choice

s	<10	>10
r	6	8

Flanges of this standard can also be manufactured with tonque / groove, male / female according to ANSI (ASA) B16.5.

Order sample: Plated flange DN 2"/60,3 - 150 lbs – S235JR/1.4541
PF 2"/60,3 - 150 lbs – S235JR/1.4541

Order sample: Plated neck DN 2"/60,3 x 3,6 x 200 - 150 lbs – S235JR/1.4541
PS 2"/60,3 x 3,6 x 200 - 150 lbs - S235JR/1.4541

Materials

Flange Plating

S235JR or P265GH

Stainless steel grade 1.4541 or 1.4571 and others



Plated flanges and necks ANSI (ASA)

150 lbs 300 lbs

Factory standard

150 lbs

300 lbs

Rated press. lbs	Nom. size DN	Flange					Plating					Screws		kg	Weight	
		d2	D	b	K	H	L		≈d1 s	s1	f	Q-ty	d4			
150	1 "	33,7	108	15	79,4	38	ca. 500	51	3,6	2,6	3	4	16	0,9		
	1¼ "	42,4	117	16	88,9	40		63						1,4		
	1½ "	48,3	127	18	98,4	42		73						1,4		
	2 "	60,3	152	19	121	45		92		2,9			19	2,3		
	2½ "	76,1	178	23	140	45		105						3,2		
	3 "	88,9	190	24	152	50		127		3,6				3,6		
	4 "	114,3	229	24	190	52		157	4,0	8		22	5,9			
	5 "	139,7	254	24	216	55		186					6,8			
	6 "	168,3	279	26	241	60		216					8,6			
	8 "	219,1	343	29	298	62		270	5,0	5,0	4	12	26	13,6		
	10 "	273,0	406	31	362	68		324						19,5		
	12 "	323,9	483	32	432	78		381						29,0		
	14 "	355,6	533	35	476	82		413				16	29	36,0		
	16 "	406,4	597	37	540	85		470						45,5		
	18 "	457,0	635	40	578	90		533				20	32	50,0		
	20 "	508,0	698	43	635	90		584						65,0		
	24 "	609,6	813	48	749	105		692						35	90,0	
300	1 "	33,7	124	18	88,9	38	ca. 500	51	3,6	2,6	3	4	19	1,6		
	1¼ "	42,4	133	19	98,4	40		63						1,9		
	1½ "	48,3	156	21	114	42		73					22	2,8		
	2 "	60,3	165	23	127	45		92		3,6						
	2½ "	76,1	190	26	149	45		105		8		19	4,9			
	3 "	88,9	210	29	168	50		127					6,3			
	4 "	114,3	254	32	200	52		157	4,0			3,6			22	12,4
	5 "	139,7	279	35	235	55		186								12,8
	6 "	168,3	318	37	270	60		216								16,6
	8 "	219,1	381	42	330	80		270	5,0	5,0	4	12	26	26,1		
	10 "	273,0	444	48	387	88		324						36,2		
	12 "	323,9	521	51	451	92		381					16	52,5		
	14 "	355,6	584	54	514	100		413						71,0		
	16 "	406,4	648	58	572	110		470				20	32	91,0		
	18 "	457,0	711	61	629	125		533						113,0		
	20 "	508,0	775	64	686	125		584					24	138,0		

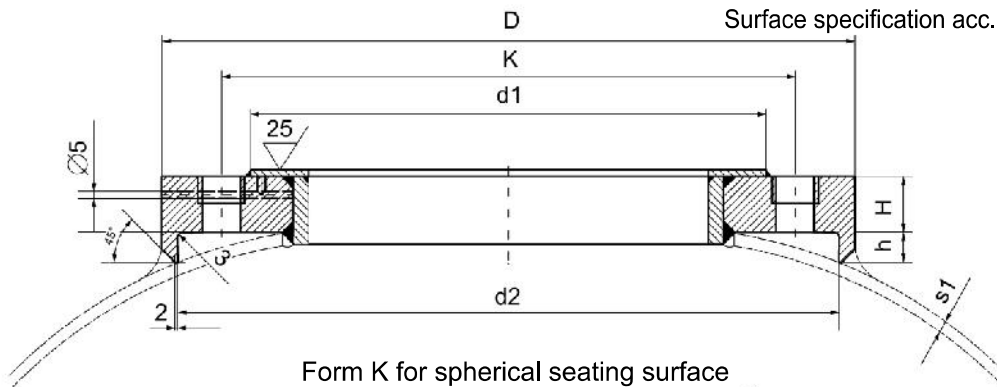
The given pipe wall thickness s is a standard. Thicker versions are available from 8 ".



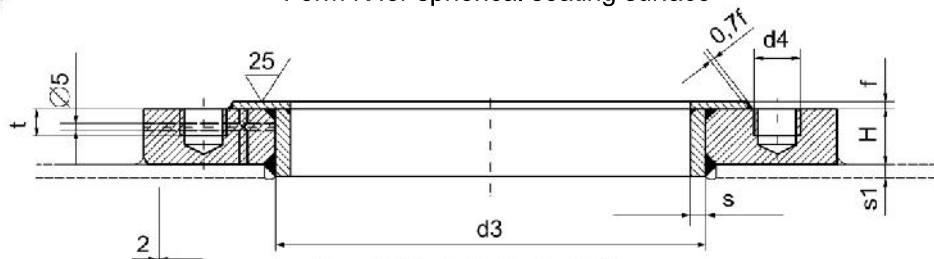
Dimensions in mm

In compliance to DIN 28117

Surface specification acc. to DIN ISO 1302

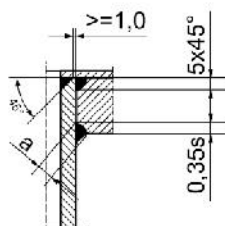


Form K for spherical seating surface

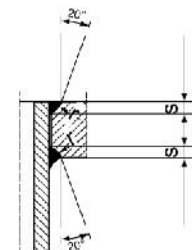
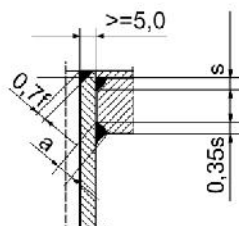


Form G for plain seating surface

Version $s \leq 5,0$



Version $s > 6,0$



HV-weld as a standard

a	pe x di
0,7s	<10 000
1,0s	<20 000

HU-weld acc. to manufacturer's choice

s	<10	>10
r	6	8

Sealing surface also with groove acc. to DIN 2512 resp. female joint face in compliance to DIN 2513

Order sample: Plated block flange DN 50/60,3 PN 40 x h1 x s1- K - S235JR/1.4541
PBF 50/60,3- 40 x h1 x s1 - K - S235JR/1.4541

The dimension h1 depends on the radius of the seating surface. The dimension s1 is the intended wall thickness of the convex bottom. Both dimensions are to be specified by the customer in compliance with the order sample above. Block flanges of this standard can also be manufactured with tongue and groove.

Materials

Flange
Plating

S235JR or P265GH

Stainless steel grade 1.4541 or 1.4571 and others

The given pipe wall thickness s is a standard. Thicker versions are available from DN 200.



Plated block flanges PN 10 – PN 40

Factory standard

PBF 10 - 40

Rated press. PN	Nom. size DN	d3		Flange				Plating			Screws				Weight kg				
		Series 1	Series 2	D	H	K	d2	≈d1	s	f	Q-ty	d4	t	t1					
10	200	219,1	—	340	39	295	320	268	5,0	4	8	M20	20	27	16,4				
	250	273,0	267	395		350	375	320			12				20,0				
	300	323,9	318	445		400	425	370			16				23,3				
	350	355,6	368	505		460	485	430			M24	24	32	31,5					
	400	406,4	419	565		515	545	482						39,6					
	450	457,0	470	615		565	595	530						43,4					
	500	508,8	521	670		620	650	585						49,5					
16	25	33,7	30,0	115	25	85	100	68	3,6	3	4	M12	12	18	1,8				
	32	42,4	38,0	140	30	100	120	78				M16	16	23	3,3				
	40	48,3	44,5	150		110	130	88							3,7				
	50	60,3	57,0	165		125	145	102							4,4				
	65	76,1	—	185		145	165	122							5,4				
	80	88,9	—	200		160	180	138	4,0	3	8				6,0				
	100	114,3	108,0	220	36	180	200	158			6,9								
	125	139,7	133,0	250		210	230	188			8,4								
	150	168,3	159,0	285		240	285	212			M20	20	27	12,6					
	200	219,1	—	340		295	320	268	5,0	4				12				16,4	
	250	273,0	267,0	405	42	355	385	320			M24	24	32	25,0					
	300	323,9	318,0	460		410	440	378						30,2					
	350	355,6	368,0	520		470	500	438						16				38,0	
	400	406,4	419,0	580	45	525	560	490			M27	27	34	47,0					
	450	457,0	470,0	640		585	620	545						20				54,6	
	500	508,0	521,0	715		52	650	690			610	M30	30	40	80,0				
25	200	219,1	—	360	42	310	340	278	5,0	4	12	M24	24	32	21,9				
	250	273,0	267,0	425	45	370	405	335				M27	27	34	31,2				
	300	323,9	318,0	485	50	430	465	395			16				38,3				
	350	355,6	368,0	555		490	530	450	6,0	5		M30	30	40	55,0				
	400	406,4	419,0	620	55	550	595	505		20	M33	33	42	72,0					
	450	457,0	470,0	670		600	645	555						79,0					
	500	508,0	521,0	730		660	705	615						91,0					
40	25	33,7	30,0	115	25	85	100	68	3,6	3	4	M12	12	18	1,8				
	32	42,4	38,0	140	30	100	120	78							M16	16	23	3,3	
	40	48,3	44,5	150		110	130	88										3,7	
	50	60,3	57,0	165		125	145	102				M16	16	23				4,4	
	65	76,1	—	185		145	165	122							5,3				
	80	88,9	—	200		160	180	138	4,0	3	8				6,0				
	100	114,3	108,0	235	36	190	235	162			M20	20	27	9,6					
	125	139,7	133,0	270	42	220	250	188						M24	24	32	14,0		
	150	168,3	159,0	300	45	250	280	218	5,0	4	12				16,7				
	200	219,1	—	375		320	355	285			16	M27	27	34	22,7				
	250	273,0	267,0	450		385	425	345				M30	30	40	42,6				
	300	323,9	318,0	515		450	490	410	6,0	5					53,2				
	350	355,6	368,0	580		60	510	550		465	8,0	6	16	M33	33	42	76,0		
	400	406,4	419,0	660	585		630	535		M36				36	46	96,0			
	450	457,0	470,0	685	610		655	560	10,0	6				20				100,0	
	500	508,0	521,0	755	65	670	725	615			M39	39	49	120,0					

The given pipe wall thickness s is a standard. Thicker versions are available from DN 200.





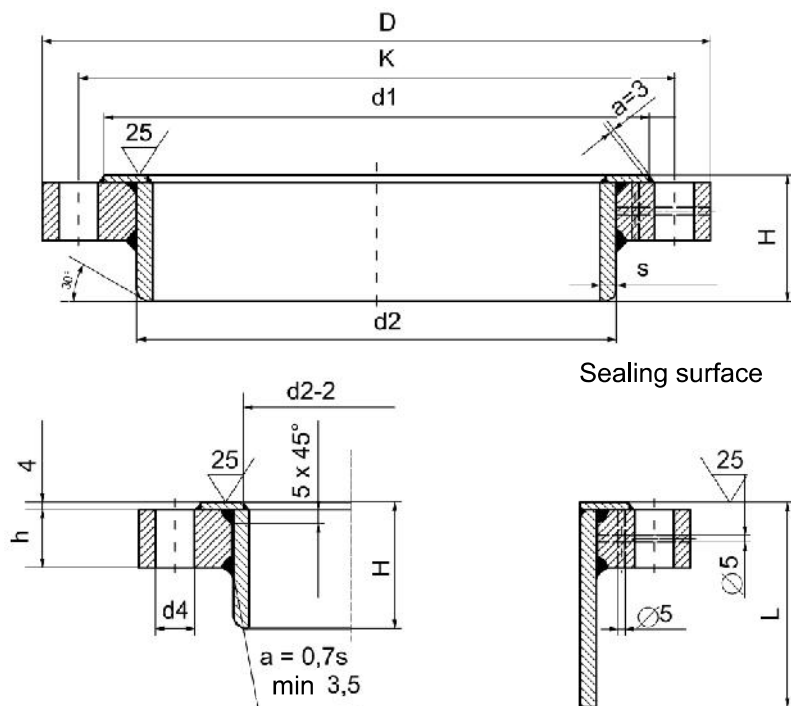
Plated flanges and necks acc. to DIN 28031 with plain sealing surface

Factory standard
PF 28031

Dimensions in mm

In compliance to DIN 28031 and EN DIN 1092-1
Surface specification acc. to DIN ISO 1302

Area of application:
acc. to DIN 28030



Order sample: Plated flange DN 350/368 x 20 DIN 28031 – S235JR/1.4541
PF 350/355,6 DIN 28031 – S235JR/1.4541

Order sample: Plated neck DN 350/355,6 x 20 x 4 x 200 DIN 28031 – S235JR/1.4541
PS 350/355,6 x 20 x 4 x 200 DIN 28031 – S235JR/1.4541

Material			Flange Plating											S235JR or P265GH Stainless steel grade 1.4541 or 1.4571 and others	
Nom. size DN	d2		Flange			Plating				Screws		Weight			
	Series 1	Series 2	h	D	K	≈d1	H	L	s	Q-ty	d4	kg			
300	323,9	318	20	415	375	345	55	ca.	4,0	12	18	10,0			
350	355,6	368		460	420	390				16		11,0			
400	406,4	419		510	470	440				20		12,5			
450	457	—		550	510	480				24		13,5			
500	508	—		600	560	530				28		15,0			
600	600	—		700	660	630				32		19,0			
700	700	—		800	760	730				36		22,0			
800	800	—		900	860	830				40		25,0			
900	900	—		1000	960	930				44		28,0			
1000	1000	—		1100	1060	1030				48		31,0			
1100	1100	—		1200	1160	1130				52		36,0			
1200	1200	—	25	1320	1270	1240	60	500	5,0	48	54,0				
1300	1300	—		1420	1370	1340				56	61,0				
1400	1400	—		1520	1470	1440				60	65,0				
1500	1500	—		1620	1570	1540				64	70,0				
1600	1600	—		1720	1670	1640				68	75,0				
1700	1700	—		1820	1770	1740				72	80,0				
1800	1800	—	30	1920	1870	1840	65	500	6,0	80	23	95,0			
1900	1900	—		2020	1970	1940				84		100,0			
2000	2000	—		2120	2070	2040				88		105,0			

The given pipe wall thickness s is a standard. Thicker or thinner versions to be defined by enquiry.



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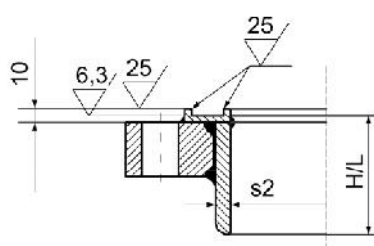
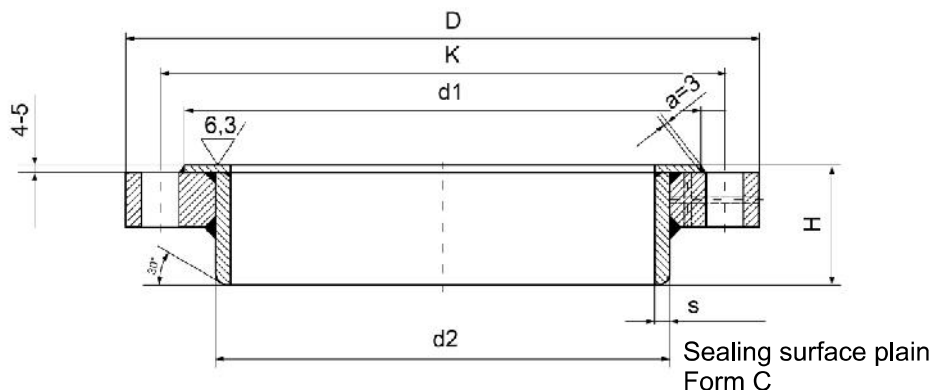
Plated flanges and necks acc. to DIN 28036 with plain sealing surface as well as with tongue and groove

Factory standard
PF 28036

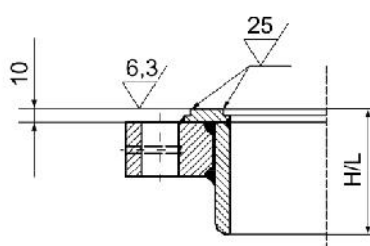
Dimensions in mm

In compliance to DIN 28036
Surface specification acc. to DIN ISO 1302

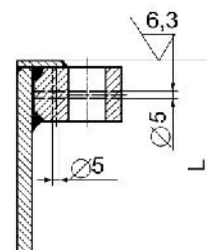
Area of application: acc. to DIN 28030



Sealing surface with groove
Form N



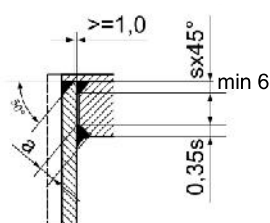
Sealing surface with tongue
Form F



Neck version

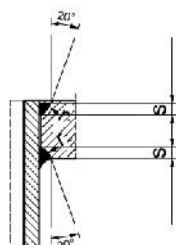
Dimensions for tongue/groove acc. DIN 28036
Sealing surface with male/female face joints as well

Version $s \leq 6,0$
For N, F, C and R symmetrical V-weld



HV-weld as a standard

a	pe x di
0,7s	<10 000
1,0s	<20 000



HU-weld acc. to
manufacturer's choice

s	<10	>10
r	6	8

Order sample:

Plated flange DN 350/368 x 25 DIN 28036 - S235JR/1.4541

Order sample:

PF 350/368 x 25 DIN 28036 - C - S235JR/1.4541

Plated neck DN 350/368 x 25 x 4 x 200 DIN 28036 - C - S235JR/1.4541

PS 350/368 x 25 x 4 x 200 DIN 28036 - C - S235JR/1.4541

Materials

Flange
Plating

S235JR or P265GH
Stainless steel grade 1.4541 or 1.4571 and others



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Version: 01.03.2020

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Plated flanges and necks acc. to DIN 28036 with plain sealing surface as well as with tongue and groove

Factory standard
PF 28036

Nom. size DN	d2		Flange			Plating				Screws		Weight	
	Series 1	Series 2	h	D	K	≈d1	H	L	s	Q-ty	d4	kg	
300	323,9	318	25	415	375	350	70	ca. 500	4,0	12	18	13,0	
			30	430	385	355	75		4,0		23	17,0	
			40	445	395	360	85		5,0		27	25,0	
350	355,6	368	25	460	420	395	70		4,0	16	18	14,0	
			35	475	430	400	80		4,0		23	22,0	
			45	490	440	405	90		5,0		27	31,0	
400	406,4	419	25	510	470	445	70		4,0	16	18	16,0	
			35	525	480	450	80		4,0		23	24,0	
			45	545	495	460	90		5,0		27	37,0	
500	508,0	—	30	600	560	535	75		4,0	20	18	22,0	
			35	615	570	540	80		5,0		23	30,0	
			40	635	585	550	85		6,0		27	40,0	
			50	645	590	555	95		7,0		30	53,0	
600	600,0	—	30	700	660	635	75		4,0	24	18	28,0	
			40	710	665	640	85		5,0		23	40,0	
			45	730	680	645	90		6,0		27	53,0	
			50	745	690	655	95		7,0		30	65,0	
			55	760	695	655	100		8,0		33	80,0	
700	700	—	30	800	760	735	75		4,0	28	18	32,0	
			40	810	765	735	85		5,0		23	46,0	
			45	830	780	745	90		6,0		27	60,0	
			55	845	790	755	100		8,0		30	89,0	
			65	865	800	760	110		10,8		33	112,0	
800	800	—	35	900	860	835	75		4,0	32	18	37,0	
			40	915	870	840	85		5,0		23	54,0	
			50	930	880	845	95		6,0		27	75,0	
			65	945	890	855	110		8,0		30	109,0	
			75	965	900	860	120		10,0		33	144,0	
900	900	—	45	1015	970	940	85		5,0	36	23	60,0	
			60	1030	980	945	105		6,0		27	98,0	
			65	1045	990	955	110		8,0		30	122,0	
			75	1065	1000	960	120		10,0		33	161,0	
1000	1000	—	50	1115	1070	1040	90		5,0	40	23	74,0	
			60	1130	1080	1045	105		6,0		27	108,0	
1100	1100	—	55	1215	1170	1140	90		5,0	44	23	81,0	
1200	1200	—	55	1315	1270	1240	90		6,0	48	23	89,0	
1300	1300	—	60	1415	1370	1340	95		6,0	52	23	106,0	
1400	1400	—	60	1515	1470	1440	95		6,0	56	23	114,0	
1500	1500	—	65	1615	1570	1540	100		6,0	60	23	132,0	
1600	1600	—	65	1715	1670	1640	100		6,0	64	23	141,0	
1700	1700	—	65	1815	1770	1740	100		6,0	68	23	150,0	
1800	1800	—	65	1915	1870	1840	100		6,0	72	23	158,0	
2000	2000	—	70	2115	2070	2040	105		6,0	80	23	192,0	

The given pipe wall thickness s is a standard. Thicker or thinner versions to be defined by enquiry.





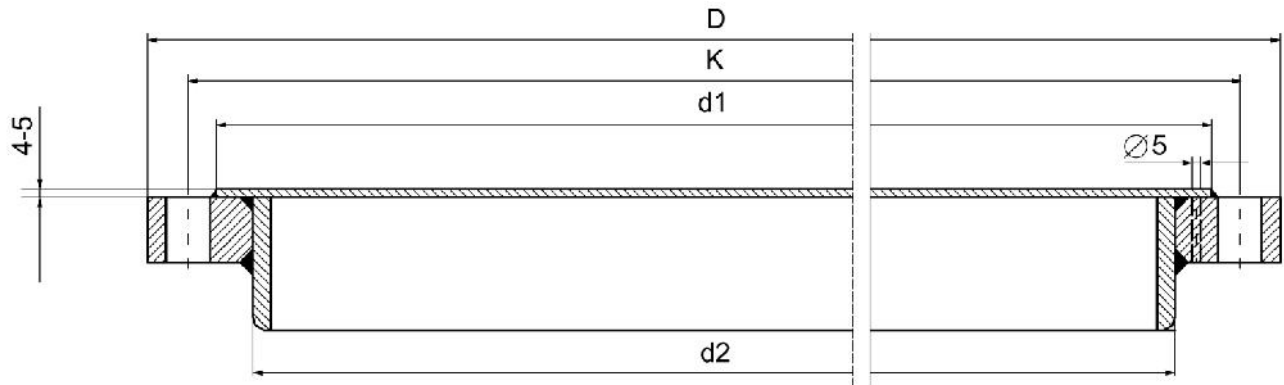
Plated flanges and necks acc. to DIN 28038 with plain sealing surface as well as with tongue and groove

Factory standard
PF 28038

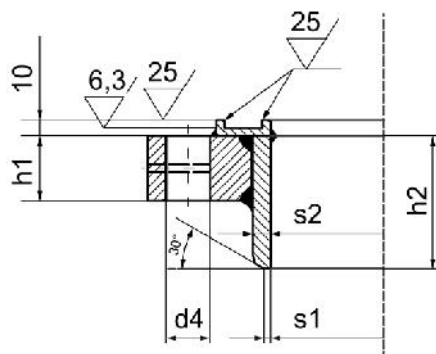
Dimensions in mm

In compliance to DIN 28038 and DIN EN 1092-1
Surface specification acc. to DIN ISO 1302

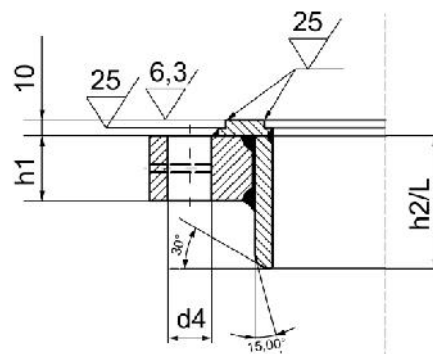
Area of application: acc. to DIN 28030



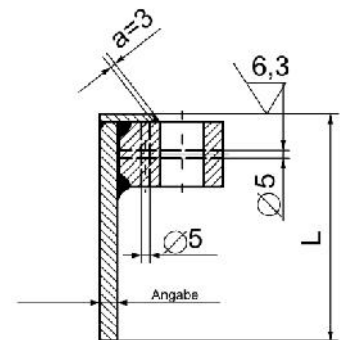
Sealing surface plain
Form C compliant



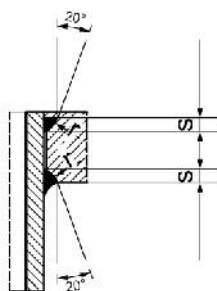
Sealing surface with groove
Form D



Sealing surface with tongue
Form F

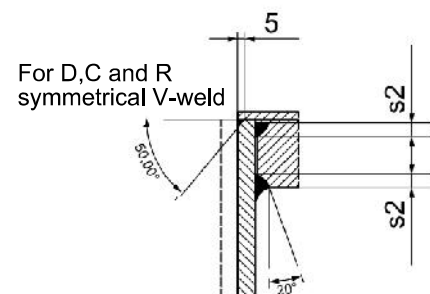


Neck version



HU-weld acc. to
manufacturer's choice

s	<10	>10
r	6	8



For D,C and R
symmetrical V-weld

Order sample

Plated flange DN 1100 x 65 DIN 28038 - D - S235JR/1.4541

Order sample

PF 1100 x 65 DIN 28038 - D - S235JR/1.4541

Plated neck DN 1100 x 65 x 8 x 200 DIN 28038 - D - S235JR/1.4541

PS 1100 x 65 x 8 x 200 DIN 28038 - D - S235JR/1.4541

Materials

Flange
Plating

S235JR or P265GH

Stainless steel grade 1.4541 or 1.4571 and others



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Version: 01.03.2020

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Plated flanges and necks acc. to DIN 28038 with plain sealing surface as well as with tongue and groove

Factory standard
PF 28038

Nom. size DN	d2	Flange			Plating					Screws		Weight	
		h1	D	K	≈d1	h2	s1	s2	L	Q-ty	d4	kg	
1000	1000	50	1130	1080	1045	82	6,0	10,0	ca. 500	40	27	95,0	
		65	1150	1095	1060	105	8,0	14,0			30	148,0	
		70	1170	1105	1065	118	10,0	16,0			33	179,0	
1100	1100	50	1230	1180	1145	82	6,0	12,0		44	27	104,0	
		65	1250	1195	1160	105	8,0	14,0			30	156,0	
		70	1270	1205	1165	118	10,0	16,0			33	195,0	
1200	1200	55	1330	1280	1245	82	6,0	10,0		48	27	122,0	
		65	1350	1295	1260	105	8,0	16,0			30	171,0	
		75	1370	1305	1265	118	10,0	16,0			33	223,0	
1300	1300	55	1435	1385	1350	92	6,0	12,0		52	27	137,0	
		70	1450	1395	1360	105	8,0	16,0			30	194,0	
		75	1470	1405	1365	118	10,0	16,0			33	239,0	
1400	1400	35	1515	1470	1440	67	6,0	10,0		56	23	83,0	
		60	1535	1485	1450	92	6,0	12,0			27	161,0	
		70	1550	1495	1460	105	8,0	14,0			30	210,0	
		75	1570	1505	1465	118	10,0	18,0			33	257,0	
1500	1500	40	1616	1570	1540	67	6,0	10,0		60	23	103,0	
		60	1635	1585	1550	92	6,0	12,0			27	172,0	
		70	1655	1600	1565	115	8,0	16,0			30	238,0	
		80	1675	1610	1570	128	11,0	20,0			33	310,0	
1600	1600	45	1715	1670	1640	67	6,0	10,0		64	23	120,0	
		60	1735	1685	1650	92	6,0	12,0			27	184,0	
		75	1755	1700	1665	115	8,0	16,0			30	272,0	
		80	1775	1710	1670	128	11,0	20,0			33	332,0	
1700	1700	45	1815	1770	1740	72	6,0	10,0		68	23	128,0	
		60	1835	1785	1755	92	6,0	12,0			27	194,0	
		75	1855	1800	1765	115	8,0	16,0			30	283,0	
		80	1875	1810	1770	128	11,0	20,0			33	351,0	
1800	1800	45	1915	1870	1840	72	6,0	10,0		72	23	136,0	
		65	1940	1890	1855	102	6,0	12,0			27	230,0	
		75	1955	1900	1865	115	8,0	16,0			30	300,0	
		80	1975	1910	1870	128	11,0	20,0			33	368,0	
2000	2000	45	2115	2070	2040	72	6,0	10,0		80	23	149,0	
		65	2140	2090	2055	102	6,0	12,0			27	255,0	
		85	2160	2105	2070	125	8,0	16,0			30	382,0	
		95	2180	2115	2075	138	11,0	20,0			33	493,0	

The given pipe wall thicknesses s1 and s2 are standard. Thicker or thinner versions to be defined by enquiry.





Plated blind flanges PN 6 to PN 40 with plain sealing surface as well as with tonque and groove

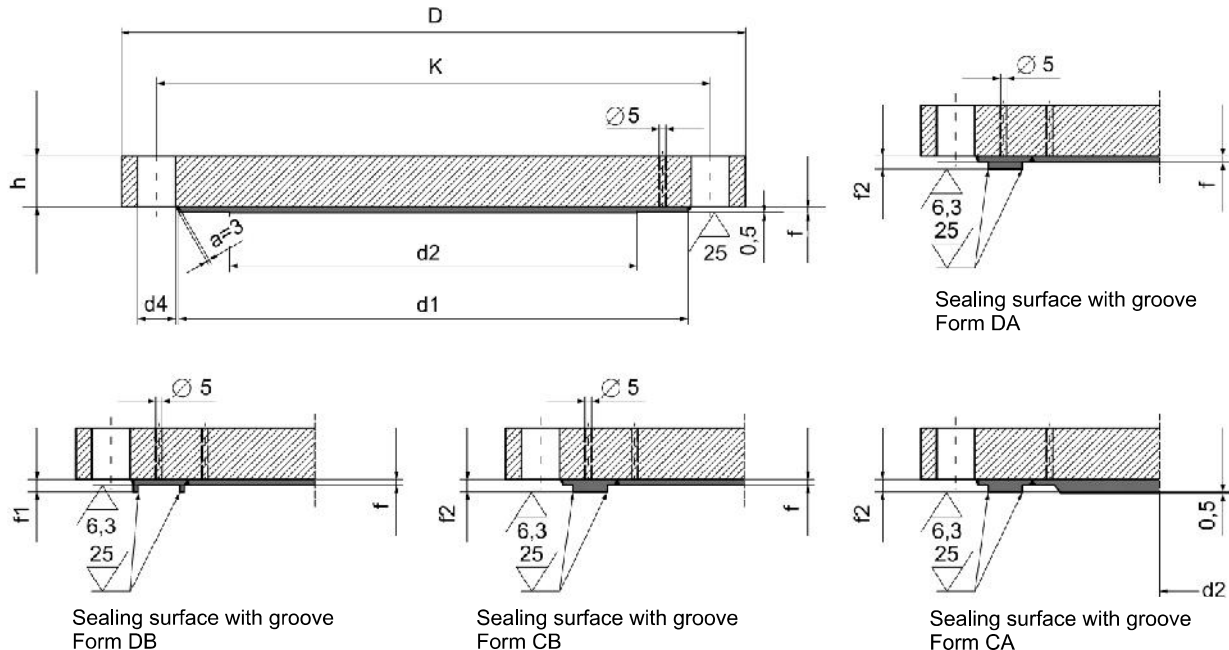
Factory standard
BF 6 - 40

Dimensions in mm

In compliance to DIN EN 1092-1
Surface specification acc. to DIN ISO 1302

Application:

Blind flanges in the dimensions of this standard made of S235JR or of P265GH can be used up to temperatures of 120°C and operating pressures up to the nominal pressures stated in the individual tables. At higher temperatures, more than 120°C, corresponding decrease in the yield strength must be considered. Plug welds must be provided in case of vacuum operation. Please specify these as well as the handles in your enquiry. Form DA and CA for DN 15 to DN 250, form DB and CB from DN 300 and larger.



Dimensions for tonque/groove acc. DIN 2512

Sealing surface with male/female face joints as well, dimensions acc. to DIN 2513

Order sample: Plated blind flange DN 200 PN 10 – C – S235JR/1.4541
BF 200 PN 10 – C – S235JR/1.4541

Materials		Flange Plattierung S235JR or P265GH Stainless steel grade 1.4541 or 1.4571 and others											
Rated press.	Nom. size	Flange			Plating					Screws		Weight	
PN	DN	D	h	K	≈d1	d2 max.	f	f1	f2	Q-ty	d2	kg	
6	15	80	12	55	40	5	3	—	—	4	11	0,5	
	20	90	14	65	50	10						0,8	
	25	100		75	60	15						0,9	
	32	120		90	70	20					14	1,4	
	40	130		100	80	30						1,6	
	50	140		110	90	40						1,9	
	65	160		130	110	55						2,8	
	80	190	16	150	128	70					8	3,9	
	100	210		170	148	90						5,4	
	125	240		200	178	115						6,8	
	150	265	18	225	202	140					18	8,4	
	200	320		280	258	190						13,5	
	250	375		335	312	235				12		20,0	
	300	440	22	395	365	285	4			16	22	28,0	
	350	490		445	415	330						36,0	
	400	540		495	465	380						44,0	
	450	595		550	520	425						60,0	
	500	645	24	600	570	475						20	69,0
	600	755		705	670	575							91,0





Plated blind flanges PN 6 to PN 40 with plain sealing surface as well as with tonque and groove

Factory standard
BF 6 - 40

Rated press. PN	Nom. size DN	Flange			Plating					Screws		Weight Kg		
		D	h	K	≈d1	d2 max.	f	f1	f2	Q-ty	d2			
10	200	340	24	295	268	190	3	8	10	8	22	18,0		
	250	395	26	350	320	235				12		26,0		
	300	445		400	370	285				4		34,0		
	350	505		460	430	330	16				45,0			
	400	565	515	482	380	20	55,0							
	450	615	28	565	530		425				72,0			
	500	670		620	585		475				84,0			
	600	780	34	725	685	575	30			125,0				
16	15	95	16	65	45	5	3	8	10	4	14	0,8		
	20	105	18	75	58	10						1,3		
	25	115		85	68	15						1,4		
	32	140		100	78	20					18	2,0		
	40	150		110	88	30						2,4		
	50	165		125	102	40						3,2		
	65	185	145	122	55	4,1								
	80	200	20	160	138	70						8	5,3	
	100	220		180	158	90					6,2			
	125	250		22	210	188					115		9,1	
	150	285	240	212	140	22					11,4			
	200	340	24	295	268						190		12	18,0
	250	405	26	355	320						235	26		27,0
	300	460	28	410	378	285					38,0			
	350	520	30	470	438	330					4		16	53,0
	400	580	32	525	490	380						70,0		
	450	640	40	585	545	425						90,0		
	500	715	44	650	610	475						20	33	111,0
	600	840	54	770	725	575							36	193,0
25	200	360	30	310	278	190	3	8	10	12	26	24,2		
	250	425	32	370	335	235					30	35,6		
	300	485	34	430	395	285					16	49,0		
	350	555	38	490	450	330	4			33		73,0		
	400	620	40	550	505	380				36		96,0		
	450	670	50	600	555	425					125,0			
	500	730	51	660	615	475					20	147,0		
	600	845	66	770	720	575				39		235,0		
40	15	95	16	65	45	5	3	8	10	4	14	0,9		
	20	105	18	75	58	10						1,5		
	25	115		85	68	15						1,6		
	32	140		100	78	20					18	2,2		
	40	150		110	88	30						2,7		
	50	165		20	125	102						40	3,5	
	65	185	22	145	122	55						8	4,8	
	80	200	24	160	138	70					22		6,4	
	100	235	190	162	90	8,2								
	125	270	26	220	188	115							26	11,6
	150	300	28	250	218	140					15,5			
	200	375	36	320	285	190					12	30	29,2	
	250	450	38	385	345	235						33	46,0	
	300	515	42	450	410	285					16	36	66,0	
	350	580	46	510	465	330							95,0	
	400	660	50	585	535	380							39	133,0
	450	685	57	610	560	425					20	42	152,0	
	500	755	57	670	615	475							181,0	
	600	890	72	795	725	575							48	330,0





Plated blind flanges 150 lbs 300 lbs with plain sealing surface

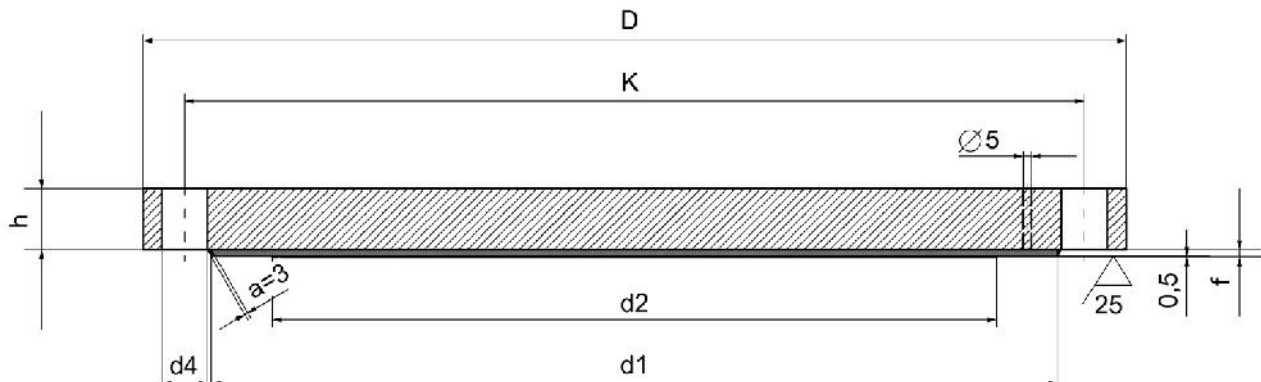
Factory standard

**150 lbs
300 lbs**

Dimensions in mm

In compliance to ANSI 150 a. 300 lbs
Surface specification acc. to DIN ISO 1302

Sealing surface with tongue / groove or male /female joint faces acc. to ANSI (ASA) B16.5

Order sample: Plated blind flange DN 2" 150 lbs S235JR/1.454
BF 2 " 150 lbs S235JR/1.4541

Materials			Flange S235JR or P265GH Plating Stainless steel grade 1.4541 or 1.4571 and others								
Rated press. lbs	Nom. size DN	Flange			Plating			Screws		Weight	
		D	b	K	≈d1	d2 max.	f	Q-ty	d4	kg	
150	¾"	98,4	12,7	69,8	43	10	3	4	15,9	1,1	
	1"	108	14,3	79,4	51	15				1,2	
	1 ¼"	117	15,9	88,9	63	20				1,6	
	1 ½"	127	17,5	98,4	73	30				2,1	
	2"	152	19,0	121	92	40				2,6	
	2 ½"	178	22,2	140	105	55				3,6	
	3"	190	23,8	152	127	70		8	19,0	4,6	
	4"	229		190	157	90				8,3	
	5"	254		216	186	115				9,9	
	6"	279	25,4	241	216	140		22,2	12,8		
	8"	343	28,6	298	270	190			22,3		
	10"	406	30,2	362	324	235			12	25,4	33,9
	12"	483	31,8	432	381	285	53,0				
	14"	533	34,9	476	413	330	4	28,6			68,7
	16"	597	36,5	540	470	380			88,0		
	18"	635	39,7	578	533	425			20	31,8	107,0
	20"	698	42,9	635	584	475	138,0				
	24"	813	47,6	749	692	575	34,9	208,0			
300	¾"	117	15,9	82,6	43	10	3	4	15,9	1,6	
	1"	124	17,5	88,9	51	15				1,7	
	1 ¼"	133	19,0	98,4	63	20				2,0	
	1 ½"	156	20,6	114	73	30				3,0	
	2"	165	22,2	127	92	40				3,9	
	2 ½"	190	25,4	149	105	55				8	22,2
	3"	210	28,6	168	127	70		7,8			
	4"	254	31,8	200	157	90		12,8			
	5"	279	34,9	235	186	115		16,7			
	6"	318	36,5	270	216	140		23,7			
	8"	381	41,3	330	270	190		12	25,4	38,7	
	10"	444	47,6	387	324	235				16	28,6
	12"	521	50,8	451	381	285	86,6				
	14"	584	54,0	514	413	330	20	31,8	118,5		
	16"	648	57,2	572	470	380			4	34,9	140,0
	18"	711	60,3	629	533	425					186,0
	20"	775	63,5	686	584	475	238,0				
	24"	914	69,8	813	692	575	41,3	370,0			





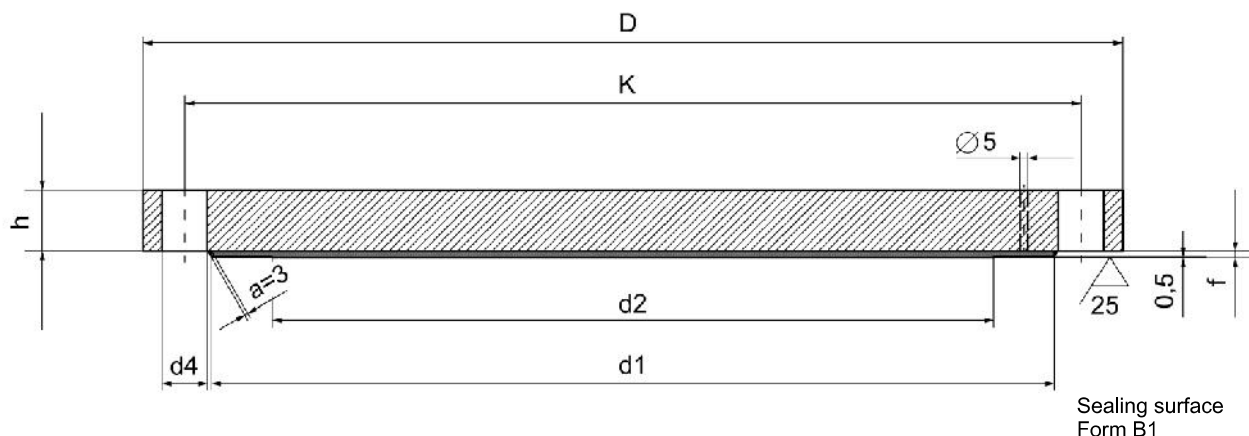
Plated blind flanges compliant to DIN 28031 with plain sealing surface

Factory standard
BF 28031

Dimensions in mm

In compliance to DIN 28031 and DIN EN 1092-1
Surface specification acc. to DIN ISO 1302

Application: for pressureless vessels and tanks



Order sample: Plated blind flange DN 300 x 20/12 – S235JR/1.4541
BF 300 x 20/12 DIN 28031 S235JR/1.4541

Materials		Flange Plating									
		S235JR or P265GH Stainless steel grade 1.4541 or 1.4571 and others									
Flange		Blind flange			Plating			Screws		Weight	
DN	Thickness	h	D	K	≈d1	d2	f	Q-ty	d4	kg	
300	20	12	415	375	345	285	4	12	18	15,5	
350			460	420	390	330		16		19,0	
400			510	470	440	380		20		23,8	
450		15	550	510	480	425				34,2	
500			600	560	530	475				40,4	
600			700	660	630	575		24		52,5	
700		18	800	760	730	675		28		82,0	
800			900	860	830	775		32		105,0	
900		20	1000	960	930	875		36		143,0	
1000				1060	1030	975		40		175,0	
1100			1200	1160	1130	1075		44		207,0	
1200	25	25	1320	1270	1240	1175		48		250,0	
1300			1420	1370	1340	1275				290,0	
1400			1520	1470	1440	1375				334,0	

The nominal diameters and / or thicknesses given in column 1 and 2 correspond to the corresponding welding flanges according to DIN 28031 and have to be specified according to the ordering sample listed above.





Plated blind flanges compliant to DIN 28036 with plain sealing surface as well as with tongue and groove

Factory standard
BF 28036

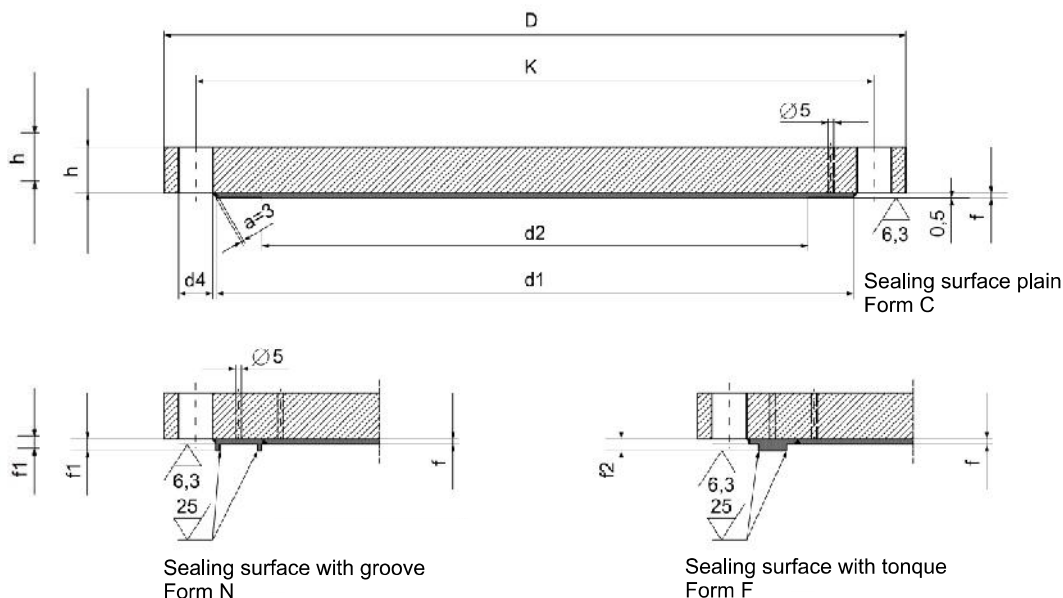
Dimensions in mm

In compliance to DIN 28036 and DIN EN 1092-1
Surface specification acc. to DIN ISO 1302

Application:

Blind flanges in the dimensions of this standard made of S235JR or P265GH can be used up to the operating pressures of the corresponding flanges listed in DIN 28036. Plug welds shall be provided in case of vacuum operation. Please specify these as well as the handles in your enquiry.

Sealing surfaces with male/ female face joints as well



Dimensions for tongue and groove acc. to DIN 28036

Order sample: Plated blind flange DN 300 x 30/20 - B1 - S235JR/1.4541
BF 300 x 30/20 - B1- DIN 28036 - S235JR/1.4541

Materials		Flange Plating S235JR or P265GH Stainless steel grade 1.4541 or 1.4571 and others														
Flange		Blind flange				Plating					Screws		Weight kg.			
DN	Thickness	S235JR h	P265GH h	D	K	≈d1	d2 max.	f	f1	f2	Q-ty	d4	S235JR	P265GH		
300	25	18	16	415	375	350	285	4	10	10	12	18	21,7	19,3		
	30	20	18	430	385	355						23	25,0	22,7		
	40	26	24	445	395	360						27	33,6	31,3		
350	25	18	16	460	420	395	330				16	18	26,4	24,0		
	35	26	24	475	430	400						23	38,6	36,0		
	45	30	28	490	440	405						27	57,8	54,3		
400	25	20	18	510	470	445	380					18	45,0	41,5		
	35	26	24	525	480	450						23	55,0	51,2		
	45	30	28	545	495	460						27	83,6	78,8		
450	30	22	20	550	510	485	425					20	18	45,0	41,5	
	35	26	24	565	520	490							23	55,0	51,2	
	45	32	30	580	530	495							27	69,5	65,6	
500	30	22	20	600	560	535	475						18	53,8	49,5	
	35	26	24	615	570	540							23	65,0	60,8	
	40	32	30	635	585	550							27	83,6	78,8	
	50	40	38	645	590	555							30	105,8	100,8	
600	30	25	23	700	660	635	575						24	18	82,5	76,5
	40	28	25	710	665	635								23	94,0	84,5
	45	35	32	730	680	645								27	121,0	111,0
	50	42	38	745	690	655								30	148,0	135,0
	55	45	40	760	695	655								33	164,0	147,0

The nominal diameters and / or thicknesses given in column 1 and 2 correspond to the corresponding welding flanges according to DIN 28036 and have to be specified according to the ordering sample listed above.





**Plated blind flanges compliant to DIN 28036
with plain sealing surface as well as with
tongue and groove**

Factory standard
BF 28036

Flange		Blind flange				Plating					Screws		Weight kg.																
DN	Thickness		P265G	d2	K	≈d1	d2	f	f1	f2	Q-ty	d4	S235JR	P265GH															
700	30	25	23	800	760	735	675	4	10	10	28	18	108,0	101,0															
	40	30	28	810	765	735						23	130,0	122,0															
	45	38	34	830	780	745						27	168,0	152,0															
	55	48	44	845	790	755						30	216,0	200,0															
	65	55	50	865	800	760						33	257,0	235,0															
800	30	25	23	900	860	835	775				4	10	10	32	18	137,0	128,0												
	40	32	30	915	870	840									23	176,0	166,0												
	50	42	38	930	880	845									27	232,0	212,0												
	65	55	50	945	890	855									30	308,0	282,0												
	75	65	60	965	900	860									33	376,0	348,0												
900	40	35	32	1015	970	940	875							4	10	10	36	23	235,0	217,0									
	60	50	45	1030	980	945												27	335,0	304,0									
	65	55	50	1045	990	955												30	377,0	345,0									
	75	60	55	1065	1000	960												33	425,0	391,0									
1000	45	35	32	1115	1070	1040	975										4	10	10	40	23	284,0	262,0						
	60	50	45	1130	1080	1045															27	404,0	366,0						
1100	45	35	32	1215	1170	1140	1075													4	10	10	44	23	338,0	311,0			
1200	45	40	38	1315	1270	1240	1175																48	23	447,0	426,0			
1300	50	45	42	1415	1370	1340	1275																4	10	10	52	23	577,0	541,0
1400	50	40	38	1515	1470	1440	1375																			56	23	594,0	566,0

The nominal diameters and / or thicknesses given in column 1 and 2 correspond to the corresponding welding flanges according to DIN 28036 and have to be specified according to the ordering sample listed above.





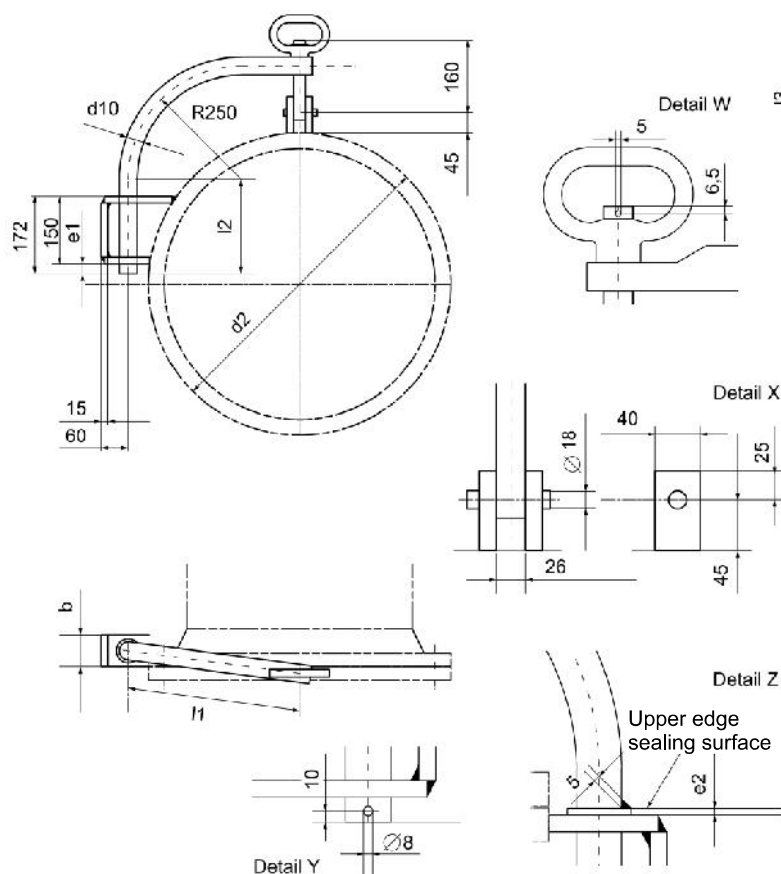
Manhole closures Davits for branch covers

Factory standard
SV28124

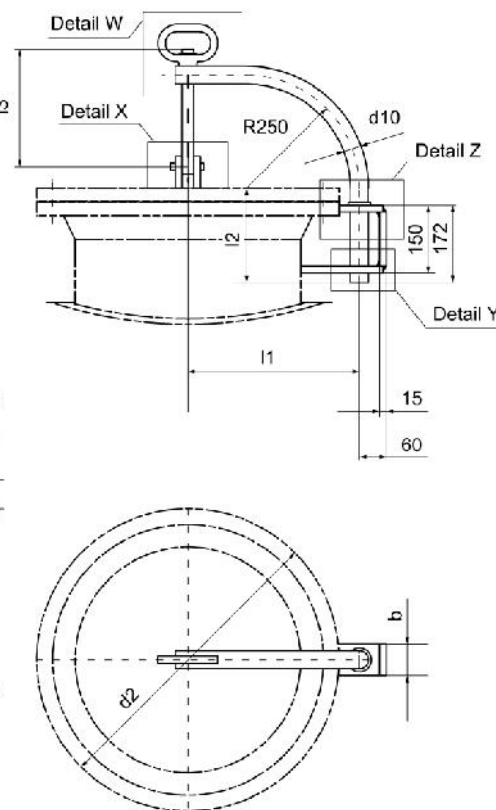
Application:

Davit arms for branch covers of manhole closures acc. to DIN 28124 Part 1 to Part 3. Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for manhole covers, vertical position, nominal size DN500, rated pressure PN10 in compliance to the vessel flange system

Davit arm DIN 28124-4 500x670x40-A-10-V

Dimensions of the flange and blind flange acc. to DIN EN 1092-1

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2	Horizontal position l3	Weight kg
Davit arm	S235JR	500	press.less	600	70	40	380	205	10	45	240	12
			10	615					26	22	240	
Support bracket	S235JR		16	635					36	24	240	
			25	645					41	16	240	
Eye bolt	5-6	600	press.less	700	70	40	400	230	55	62	240	12
Lifting eye nut	5-6		10	710					60	20	260	
Washer	5-6		16	730					58	24	260	
Bolts, split pins	5-6		25	760					73	16	260	
		800	press.less	900	80	50	500	260	113	69	260	19

Galvanized steel version or made of 1.4301 or 1.4541 are available too



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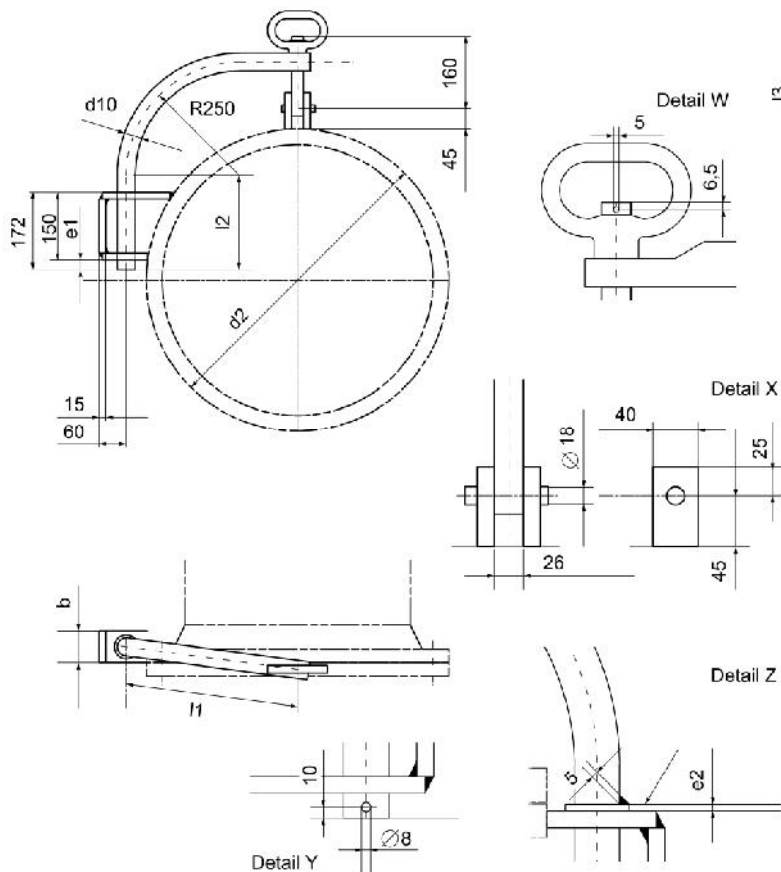
Manhole closures Davits for branch covers

Factory standard
SV28124

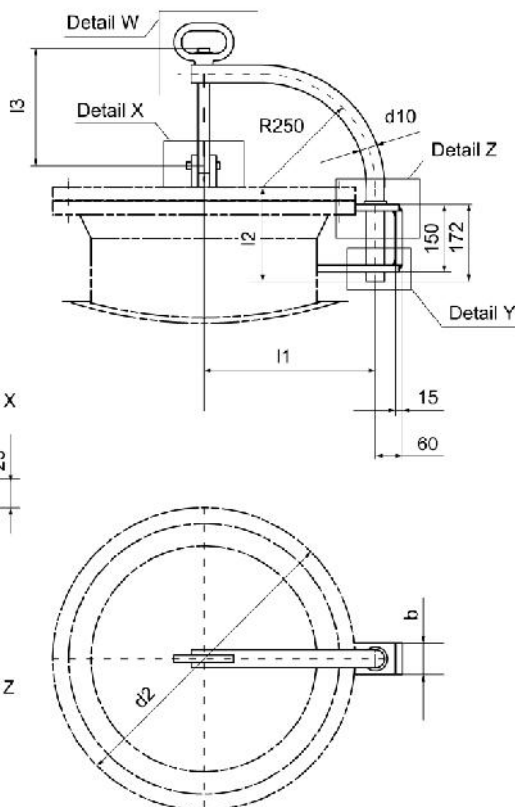
Application:

Davit arms for brach covers of manhole closures acc. to DIN 28124 Part 1 to Part 3. Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for manhole covers, vertical position, nominal size DN500, rated pressure PN10 in compliance to the vessel flange system

Davit arm DIN 28124-4 500x670x40-A-10-V

Dimensions of the flange and blind flange acc. to DIN EN 1092-1

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2	Horizontal position l3	Weight kg
Davit arm	1.4301	500	press.less	600	70	40	380	205	10	45	240	12
			10	615					26	22	240	
Support bracket	1.4541		16	635					36	24	240	
			25	645					41	16	240	
Eye bolt	A2-50	600	press.less	700	70	40	400	230	55	62	240	12
Lifting eye nut	A4-50		10	710					60	20	260	
Washer	V		16	730					58	24	260	
Bolts, split pins	V		25	760					73	16	260	
		800	press.less	900	80	50	500	260	113	69	260	19

Galvanized steel version or made of 1.4301 or 1.4541 are available too



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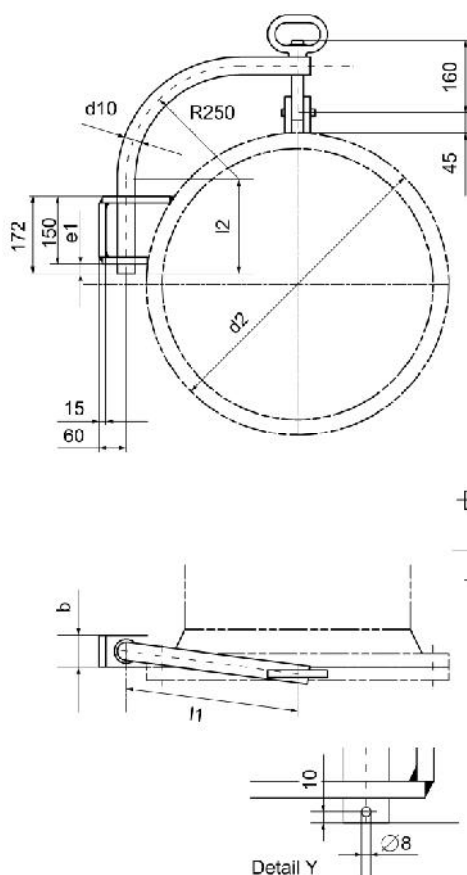


Davits arms for branch covers

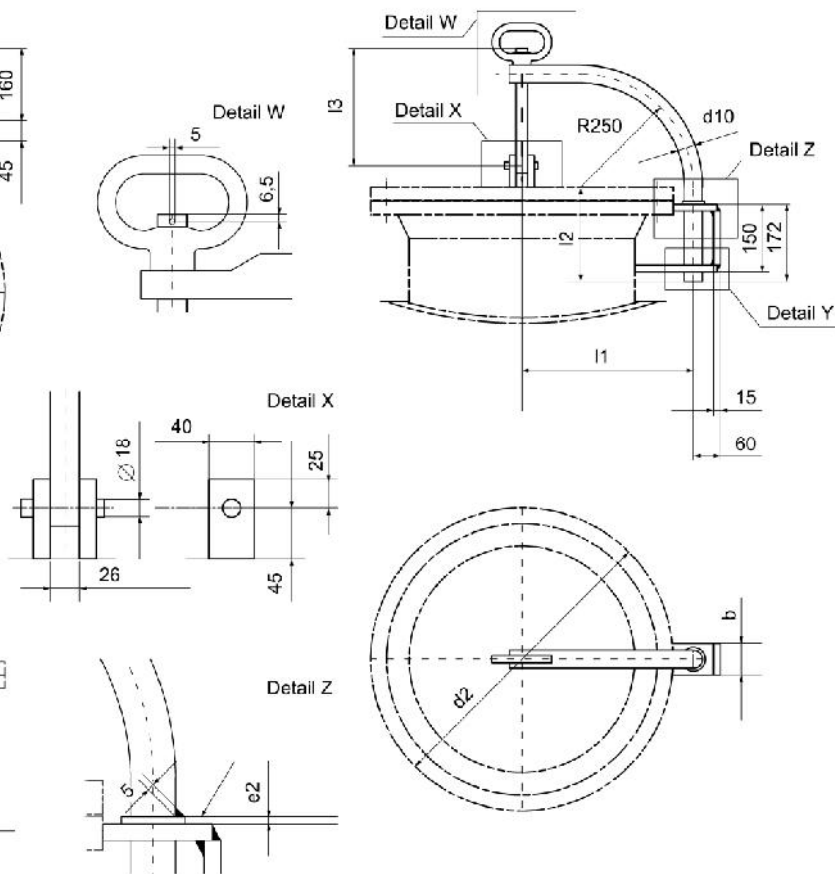
Factory standard
SV28124

Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for manhole covers, vertical position, nominal size DN300, rated pressure PN10 in compliance to the piping flange system

Davit arm DIN 28124-4 300x445x40-R-10-V

Dimensions of the flange and blind flange acc. to DIN EN 1092-1

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2	Horizontal position l3	Weight kg
Davit arm	S235JR	250	10	395	70	40	300	190	75	7	240	10
Support bracket	S235JR		16	405			300	190	65	7		
Eye bolt			25	425			315	195		10		
Lifting eye nut			40	450			320	210		15		
Washer		300	10	445	70	40	320	205	65	7	260	11
Bolts, split pins			16	480				210	60	8		
			25	485				220		12		
			40	515				230	55	15		
Washer		350	10	505	70	40	320	205	35	7	260	12
			16	520				215		10		
			25	555				220	25	10		
			40	580				335		15		

Galvanized steel version or made of 1.4301 or 1.4541 are available too



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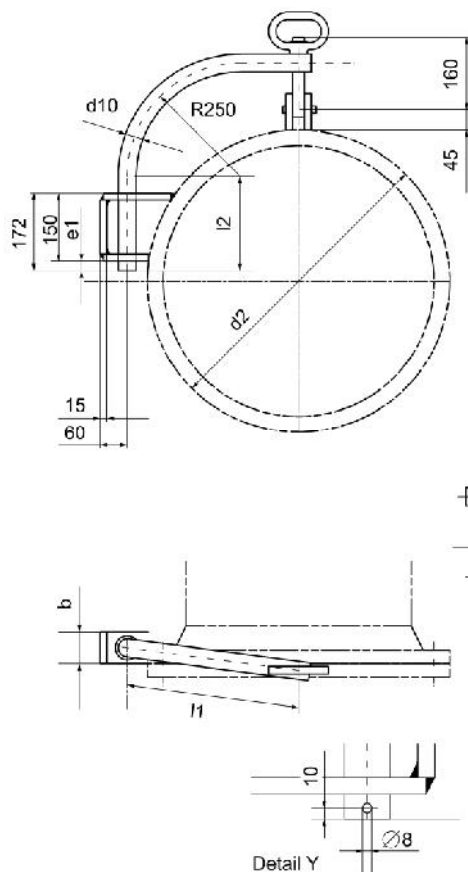


Davits arms for branch covers

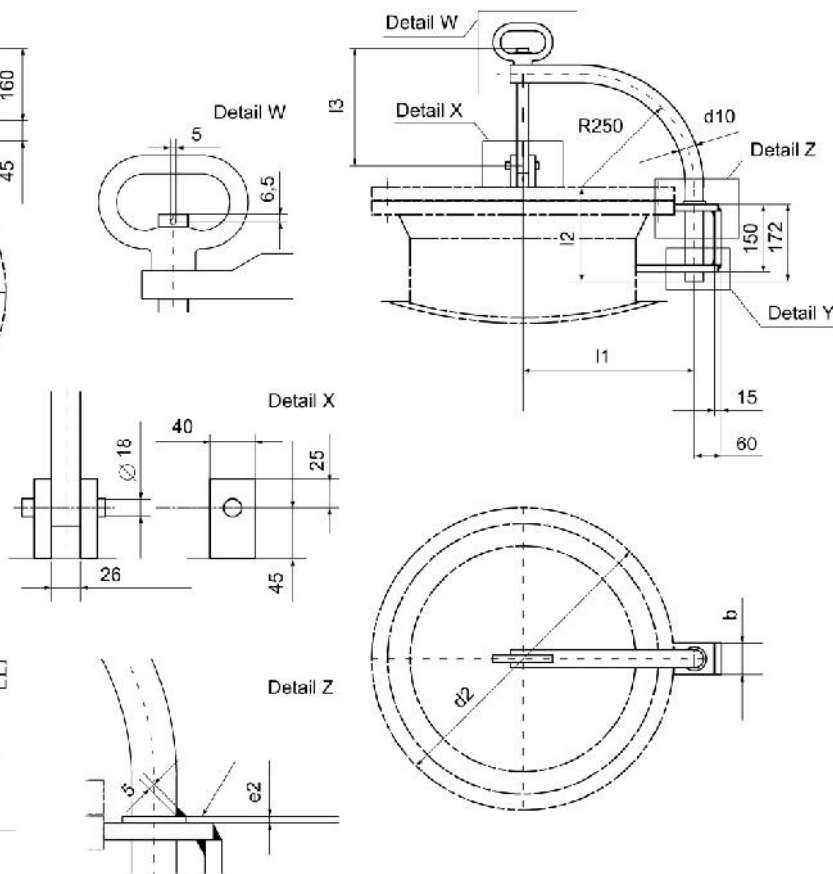
Factory standard
SV28124

Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for manhole covers, vertical position, nominal size DN300, rated pressure PN10 in compliance to the piping flange system

Davit arm DIN 28124-4 300x445x40-R-10-V

Dimensions of the flange and blind flange acc. to DIN EN 1092-1

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2	Horizontal position l3	Weight kg
Davit arm	1.4301	250	10	395	70	40	300	190	75	7	240	10
Support bracket	1.4541		16	405			300	190	65	7		
			25	425			315	195		10		
			40	450			320	210		15		
Eye bolt	A2-50	300	10	445	70	40	320	205	65	7	260	11
Lifting eye nut	A4-50		16	480				210	60	8		
Washer	VA		25	485				220	55	12		
Bolts, split pins	VA		40	515				230		15		
Washer		350	10	505	70	40	320	205	35	7	260	12
			16	520				215	25	10		
			25	555				220		10		
								40	580			



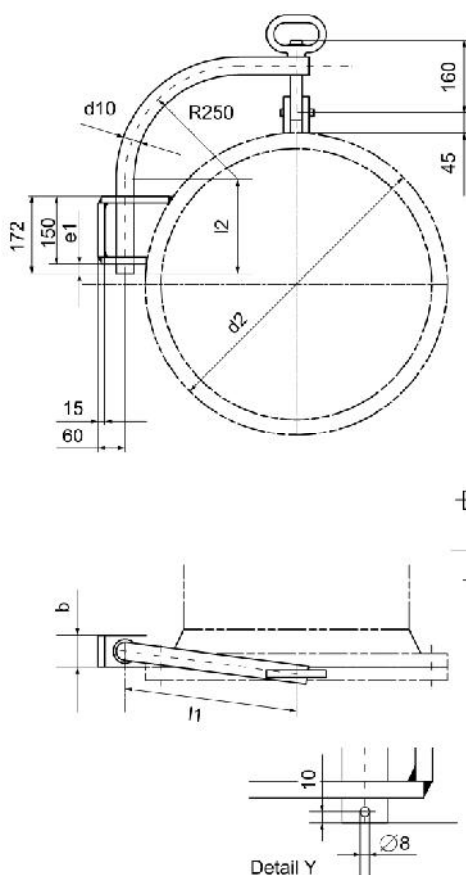


Davits arms for branch covers

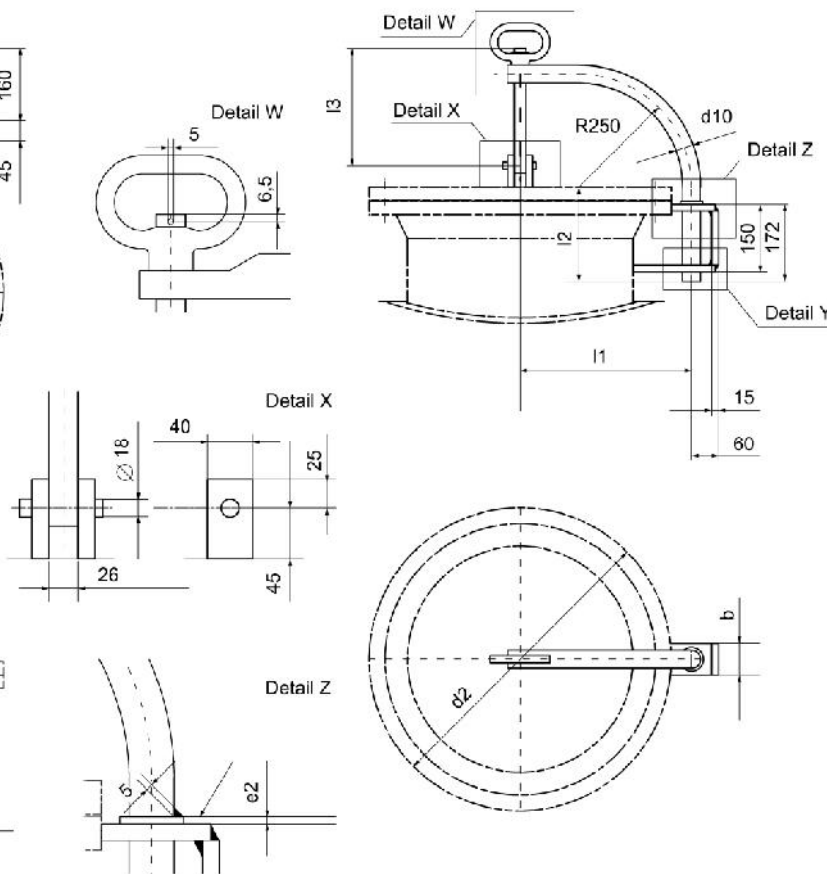
Factory standard
SV28124

Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for covers, vertical position, nominal size DN500, rated pressure PN10 in compliance to the piping flange system

Davit arm DIN 28124-4 500x670x40-R-10V

Dimensions of the flange and blind flange acc. to DIN EN 1092-1

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2, l3		Weight kg				
Davit arm	1.4301	400	10	565	70	40	355	210	0	5	260	12				
Support bracket	1.4541		16	580					5	12	240					
			25	620					25	10	240					
Eye bolt	A2-50	450	10	615	70	40	380	220	10	7	260	13				
Lifting eye nut	A4-50		16	640					25	10	260					
Washer	VA		25	670					80	50	30		15	240	18	
Bolts, split pins Washer	VA	500	10	670	70	40	380	210	45	5	260	13				
			16	715					80	50		420	230	45	15	20
			25	730										50	10	
		600	10	780	80	50	440	215	90	10	260	21				
			16	840					90	15						
25	845	80	20													



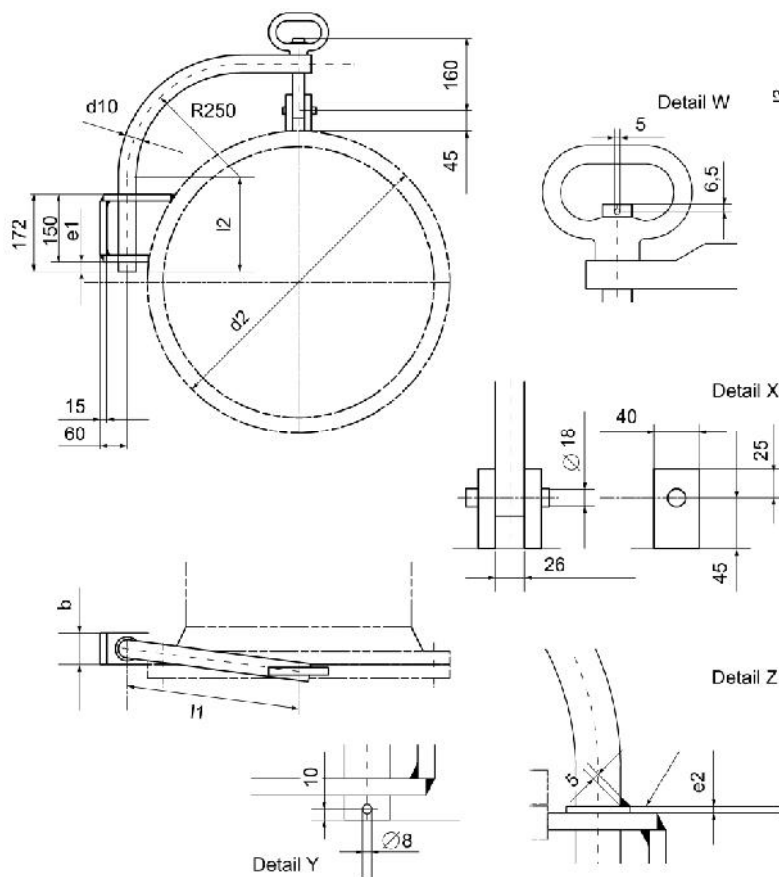


Davits arms for branch covers

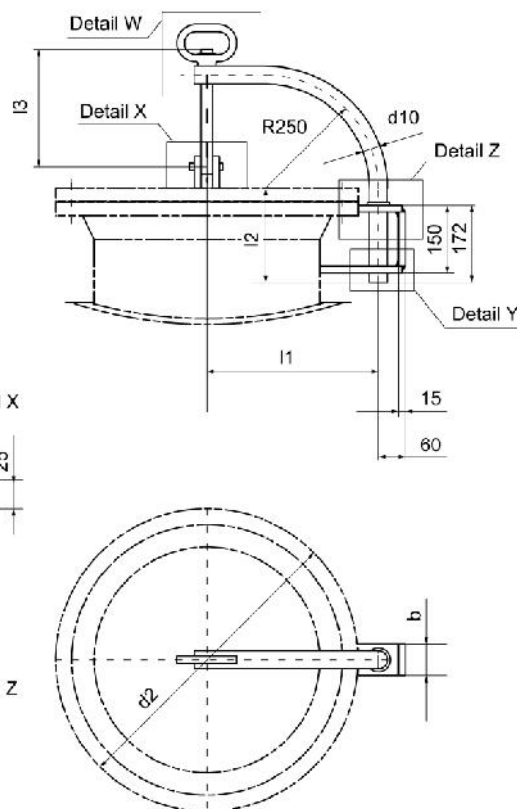
Factory standard
SV28124

Davit arms may be used with flanges in both vertical and horizontal positions. For necks attached at an angle, the pivoting axis must be vertical.

V Vertical position



H Horizontal position



Designation of a davit arm for covers, vertical position, nominal size DN 20" rated pressure 150lbs

Davit arm 20"/508x698,5x50-150#-V

Designation and materials		Nom. size DN	Rated press. PN	d2	b	d10	l1	l2	Vertical position e1	Horizontal position e2 l3		Weight kg
Davit arm	S235JR	16"	150#	596,9	70	40	350	220	0	12	220	15
Support bracket	S235JR		300#	647,7	80	50	375	235		15		20
			400#	647,7						10		20
			600#	685,8			400	255		20		21
Eye bolt		20"	150#	698,5	80	50	405	245	20	15	240	16
Lifting eye nut			300#	774,7			440	265	30	20		22
Washer			400#	774,7	100	60	450	270	20	25		29
Bolts, split pins			600#	812,8			470	300	10	35		30
Washer		24"	150#	812,8	80	50	460	265	50	15	260	22
			300#	914,4	100	60	510	305	65	35		29
			400#	914,4			520	315	55	40		32
			600#	939,8			530	365	10	65		33

Galvanized steel version is available too



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