

WELD NECK FLANGE TYPE 11/B1 EN1092-1 PN100

Material steel EN P250GH
Pressure PN 100

TECHNICAL DESCRIPTION

Neck (skirt) flanges according to standard EN1092-1 / type 11 / B1 are pipeline elements with a wide size range, which are widely used in the construction of steel pipelines and pipe segments (spools) used in industry, industry and ship repair.

We stock EN1092-1 type 11 / B1 sealing surface steel flanges, but we also have the necessary machining equipment, which allows us to offer flanges with sealing surfaces.

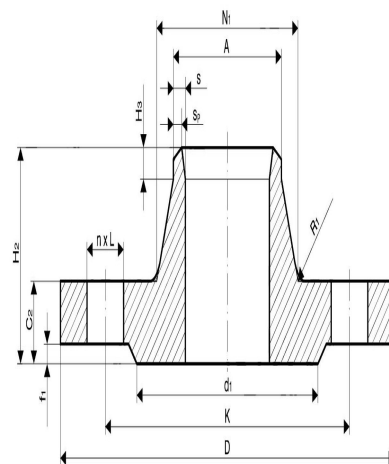
- sealing surface type A, B2, C, D, E, F
- non-standard sealing surfaces on request
- profile grooves for metal sealing rings (segments) type RTJ
- flanges made on request by the customer, and others.

SUPPORTED MATERIALS IN STOCK:

- Carbon steel

P250GH (1.0460) / EN 10222-2

Dimensions: DN 10 - 350



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No.	DETAILS	MATERIALS	STANDARD
1	FLANGE SHIEKOV (YUBKOV) 11/B1 EN1092-1 PN 100	steel P250GH (1.0460)	EN 10222-2
	other steels - on request		
		P280GH / 1.0426	EN 10222-2
		16Mo3; 15Mo3 / 1.5415	EN 10222-2
	other stainless steels - on request		
		AISI 304L (X2CrNiMo17-12-2) / 1.4404	EN 10222-5
		AISI 316L (X2CrNiMo17-12-2) / 1.4404	EN 10222-5
		AISI 321 (X6CrNiTi18-10) / 1.4541	EN 10222-5
		AISI 316Ti (X6CrNiMoTi17-12- 2) / 1.4571	EN 10222-5

SPECIFICATION	
Standard	EN 1092-1 11/B1
Pressure	PN 100

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DN	pipe Ø	flange dimensions													fastener dimensions	
	A	D	K	L	H2	C2	N1	H3	R	s	Sp	d1	f1	kg	n	M
10	13.5*	100	70	14	45	20	28	6	4	2	2	40	2	1.10	4	M12
	17.2						32							1.09		
15	20.0*	105	75	14	45	20	32	6	4	2	2	45	2	1.22	4	M12
	21.3						34							1.20		
20	25.0*	130	90	18	48	22	42	8	4	2.6	2.6	58	2	2.04	4	M16
	26.9						42							2.02		
25	30.0*	140	100	18	58	24	48	8	4	2.6	2.6	68	2	2.65	4	M16
	33.7						52							2.63		
32	38.0*	155	110	22	60	24	58	8	6	2.9	2.9	78	2	3.25	4	M20
	42.4						62							3.20		
40	44.5*	170	125	22	62	26	65	10	6	2.9	2.9	88	3	4.12	4	M20
	48.3						70							4.07		
50	57.0*	195	145	26	68	28	86	10	6	3.2	3.2	102	3	5.92	4	M24
	60.3						90							5.82		
65	76.1	220	170	26	76	30	108	12	6	3.6	3.6	122	3	7.57	8	M24
80	88.9	230	180	26	78	32	120	12	8	4	4	138	3	8.82	8	M24
100	108.0*	265	210	30	90	36	145	12	8	5	5	162	3	13.50	8	M27
	114.3						150							13.10		
125	133.0*	315	250	33	105	40	180	12	8	6.3	6.3	188	3	21.46	8	M30
	139.7													21.00		
150	159.0*	355	290	33	115	44	210	12	10	7.1	7.1	218	3	29.00	12	M30
	168.3													28.30		
200	219.1	430	360	36	130	52	278	16	10	10	10	285	3	50.20	12	M33
250	273.0	505	430	39	157	60	340	18	12	12.5	12.5	345	3	81.40	12	M36
300	323.9	585	500	42	170	68	400	18	12	14.2	14.2	410	4	118.00	16	M39
350	355.6	655	560	48	189	74	460	20	12	16	16	465	4	169.00	16	M45
*) flanges with diameters not specified in standard EN 1092-1: 2013 - can be made to order																