

WELD NECK FLANGE TYPE 11/B1 EN1092-1 PN40

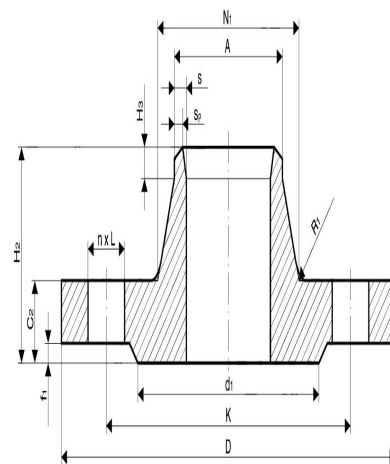
Material steel EN P250GH
Pressure PN 40

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 - 600

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No.	DETAILS	MATERIALS	STANDARD
1	FLANGE SHIEKOV (YUBKOV) 11/B1 EN1092-1 PN 40	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 40

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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*	90	60	14	35	16	25	6	4	2	2	40	2	0.69	4	M12
	17.2						28							0.68		
15	20.0*	95	65	14	38	16	30	6	4	2	2	45	2	0.78	4	M12
	21.3						32							0.77		
20	25.0*	105	75	14	40	18	38	6	4	2.3	2.3	58	2	1.10	4	M12
	26.9						40							1.09		
25	30.0*	115	85	14	40	18	42	6	4	2.6	2.6	68	2	1.40	4	M12
	33.7						46							1.30		
32	38.0*	140	100	18	42	18	52	6	6	2.6	2.6	78	2	1.99	4	M16
	42.4						56							1.91		
40	44.5*	150	110	18	45	18	60	7	6	2.6	2.6	88	3	2.20	4	M16
	48.3						64							2.15		
50	57.0*	165	125	18	48	20	72	8	6	2.9	2.9	102	3	2.90	4	M16
	60.3						75							2.85		
65	76.1	185	145	18	52	22	90	10	6	2.9	2.9	122	3	3.68	8	M16
80	88.9	200	160	18	58	24	105	12	8	3.2	3.2	138	3	4.78	8	M16
100	108.0*	235	190	22	65	24	128	12	8	3.6	3.6	162	3	6.56	8	M20
	114.3						134							6.46		
125	133.0*	270	220	26	68	26	155	12	8	4	4	188	3	9.40	8	M24
	139.7						162							8.86		
150	159.0*	300	250	26	75	28	182	12	10	4.5	4.5	218	3	12.10	8	M24
	168.3						192							11.70		
200	219.1	375	320	30	88	34	244	16	10	6.3	6.3	285	3	21.00	12	M27
250	273.0	450	385	33	105	38	306	18	12	7.1	7.1	345	3	34.20	12	M30
300	323.9	515	450	33	115	42	362	18	12	8	8	410	4	47.60	16	M30
350	355.6	580	510	36	125	46	408	20	12	8.8	8.8	465	4	69.30	16	M33
400	406.4	660	585	39	135	50	462	20	12	11	11	535	4	98.00	16	M36
450	457.0	685	610	39	135	57	500	20	12	12.5	12.5	560	4	105.00	20	M36
500	508.0	755	670	42	140	57	562	20	12	14.2	14.2	615	4	130.00	20	M39
600	610.0	890	795	48	150	72	666	20	12	16	16	735	5	209.00	20	M45
*) flanges with diameters not specified in standard EN 1092-1: 2013 - can be made to order																