

PLATE FLANGE TYPE 01/B1 EN1092-1 PN100

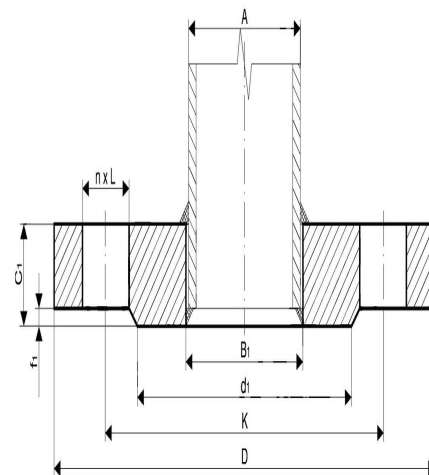
Material	steel EN P245GH
Pressure	PN 100

TECHNICAL DESCRIPTION

Flat flanges according to standard EN1092-1 / type 01 / 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, shipbuilding and ship repair.

We stock flat steel flanges according to EN1092-1 type 01 / with sealing surface B1, 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
- threaded type flanges
- flanges made to customer specifications, and others.



SUPPORTED MATERIALS IN STOCK:

- Carbon steel

P245GH (1.0352) / EN 10222-2

Dimensions: DN 10 - 350

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No.	DETAILS	MATERIALS	STANDARD
1	FLAT FLANGE 01/B1 EN1092-1 PN100	steel P245GH / (1.0352)	EN 10222-2
	other steels - on request		
		P245GH / 1.0352	EN 10222-2
		P265GH / 1.0425	EN 10028-2
		P280GH / 1.0426	EN 10222-2
		P355NL1 / 1.0566	EN 10028-3
		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 01/B1
Pressure	PN 100

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DN	pipe Ø	flange dimensions								fastener dimensions	
	A	B1	D	K	d1	f1	C1	L	kg	n	M
10	13.5*	14	100	70	40	2	20	14	1.02	4	M12
	17.2	18							1.00		
15	20.0*	20.5	105	75	45	2	20	14	1.11	4	M12
	21.3	22.0							1.10		
20	25.0*	26	130	90	58	2	22	18	1.87	4	M16
	26.9	27.5							1.86		
25	30.0*	32	140	100	68	2	24	18	2.39	4	M16
	33.7	34.5							2.36		
32	38.0*	39	155	110	78	2	24	22	2.84	4	M20
	42.4	43.5							2.79		
40	44.5*	45.5	170	125	88	3	26	22	3.63	4	M20
	48.3	49.5							3.57		
50	57.0*	58	195	145	102	3 1	28	26	5.05	4	M24
	60.3	61.5							4.98		
65	76.1	77.5	220	170	122	3	30	26	6.32	8	M24
80	88.9	90.5	230	180	138	3	34	26	7.71	8	M24
100	108.0*	109	265	210	162	3	36	30	10.67	8	M27
	114.3	116							10.32		
125	133.0*	135	315	250	188	3	42	33	17.69	8	M30
	139.7	141.5							17.22		
150	159.0*	161	355	290	218	3	48	33	24.53	12	M30
	168.3	170.5							23.60		
200	219.1	221.5	430	360	285	3	60	36	42.84	42	M33
250	273.0	276.5	505	430	345	3	72	39	68.95	12	M36
300	323.9	327.5	585	500	410	4	84	42	103.42	16	M39
350	355.6	359.5	655	560	465	4	95	48	149.58	16	M45
diameters not specified in standard EN 1092-1:2013 - can be made to order											