

PLATE FLANGE TYPE 01/B1 EN1092-1 PN25

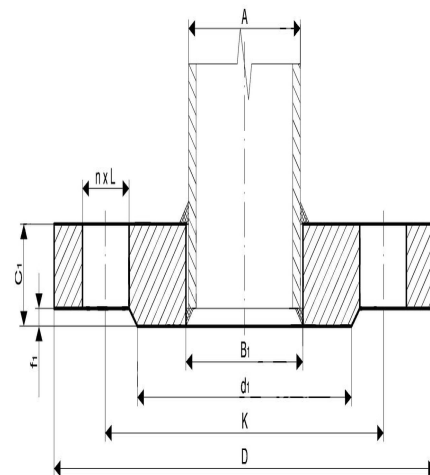
Material	steel EN P245GH
Pressure	PN 25

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 - 1000

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No.	DETAILS	MATERIALS	STANDARD
1	FLAT FLANGE 01/B1 EN1092-1 PN25	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 25

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Material

steel EN P245GH

Pressure

PN 25

DN	pipe Ø	flange dimensions								fastener dimensions	
	A	B1	D	K	d1	f1	C1	L	kg	n	M
10	13.5*	14	90	60	40	2	14	14	0.62	4	M12
	17.2	18							0.60		
15	20.0*	20.5	95	65	45	2	14	14	0.69	4	M12
	21.3	22.0							0.67		
20	25.0*	26	105	75	58	2	16	14	0.95	4	M12
	26.9	27.5							0.94		
25	30.0*	32	115	85	68	2	16	14	1.13	4	M12
	33.7	34.5							1.11		
32	38.0*	39	140	100	78	2	18	18	1.84	4	M16
	42.4	43.5							1.82		
40	44.5*	45.5	150	110	88	3	18	18	2.10	4	M16
	48.3	49.5							2.08		
50	57.0*	158	165	125	102	3	20	18	2.75	4	M16
	60.3	61.5							2.73		
65	76.1	77.5	185	145	122	3	22	18	3.48	8	M16
80	88.9	90.5	200	160	138	3	24	18	4.32	8	M16
100	108.0*	109	235	190	162	3	26	22	6.10	8	M20
	114.3	116							6.07		
125	133.0*	135	270	220	188	3	28	26	8.21	8	M24
	139.7	141.5							8.19		
150	159.0*	161	300	250	218	3	30	26	10.50	8	M24
	168.3	170.5							10.30		
200	219.1	221.5	360	310	278	3	32	26	14.30	12	M24
250	273.0	276.5	425	370	335	3	35	30	20.10	12	M27
300	323.9	327.5	485	430	395	4	38	30	26.60	16	M27
350	355.6	359.5	555	490	450	4	42	33	41.80	16	M30
400	406.4	411	620	550	505	44	48	36	57.60	16	M33
450	457.0	462	670	600	555	4	54	36	69.80	20	M33
500	508.0	513.5	730	660	615	4	58	36	87.00	20	M33
600	610.0	616.5	845	770	720	5	68	39	127.00	20	M36
700	711	*	960	875	820	5	85	42	-	24	M39
800	813	*	1085	990	930	5	95	48	-	24	M45
900	914	*	1185	1090	1030	5	*	48	-	28	M45
1000	1016	*	1320	1210	1140	5	*	56	-	28	M52
*) diameters not specified in standard EN 1092-1:2013 - can be made to order											

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