

PLATE FLANGE TYPE 01/B1 EN1092-1 PN16

Material
Pressure

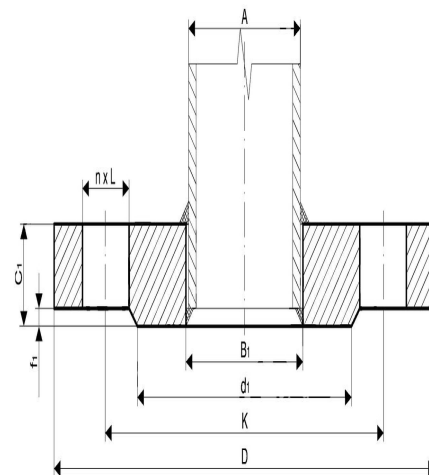
steel EN P245GH
PN 16

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 - 2000

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No.	DETAILS	MATERIALS	STANDARD
1	FLAT FLANGE 01/B1 EN1092-1 PN16	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 16

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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	90	60	40	2	14	14	0.61	4	M12
	17.2	18							0.60		
15	20.0*	20.5	95	65	45	2	14	14	0.68	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	1.12	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*	58	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	20	18	3.16	8a	M16
80	88.9	90.5	200	160	138	3	20	18	3.60		M16
100	108.0*	109	220	180	158	3	22	18	4.40	8	M16
	114.3	116							4.39		
125	133.0*	135	250	210	188	3	22	18	5.43	8	M16
	139.7	141.5							5.41		
150	159.0*	161	285	240	212	3	24	22	7.16	8	M20
	168.3	170.5							7.14		
200	219.1	221.5	340	295	268	3	26	22	9.73	12	M20
250	273.0	276.5	405	355	320	3	29	26	14.20	12	M24
300	323.9	327.5	460	410	378		32	26	19.00	12	M24
350	355.6	359	520	470	438	4	35	26	28.20	16	M24
400	406.4	411	580	525	490	4	38	30	35.90	16	M27
450	457.0	462	640	585	550	4	42	30	46.10	20	M27
500	508.0	513.5	715	650	610	4	46	33	64.00	20	M30
600	610.0	616.5	840	770	725	5	55	36	102.00	20	M33
700	711.0	b	910	840	795	5	63	36	-	24	M33
800	813.0	b	1025	950	900	5	74	39	-	24	M36
900	914.0	b	*1125	1050	1000	5	82	39	-	28	M36
1000	1016.0	b	1255	1170	1115	5	90	42	-	28	M39
1200	1219.0	b	1485	1390	1330	5	b	48	-	32	M45
1400	1422.0	b	1685	1590	1530	5	b	48	-	36	M45
1600	1626.0	b	1930	1820	1750	5	b	56	-	40	M52
1800	1829.0	b	2130	2020	1950	5	b	56	-	44	M52
2000	2032.0	b	2345	2230	2150	5	b	62	-	48	M56

08/08/2025

ИНКОВЕС ЕООД промишлена спирателна и регулираща арматура
тел.: 052 725 370, 371, 372; моб.: 0886 400 992 Адрес: Централен офис – складова база
а) flanges size DN 65 can also be made with 4 holes upon customer request
факс.: 052 511 246 e-mail: office@incoves.com Варна, Западна промишлена зона, ул. "Перун" 1

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DN	pipe Ø	flange dimensions								fastener dimensions	
	A	B1	D	K	d1	f1	C1	L	kg	n	M
b) after confirmation of the specification provided by the customer											
*) diameters not specified in standard EN 1092-1:2013 - can be made to order											