

BLIND FLANGE TYPE 05/B1 EN1092-1 PN100

Material	steel EN P245GH
Pressure	PN 100

TECHNICAL DESCRIPTION

Blind flanges according to standard EN1092-1 / type 05 / B1 are pipeline elements with a wide size range, which are used as silencers in the construction of steel pipelines and pipe segments (spools).

We stock blind steel flanges according to EN1092-1 type 05 / 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	BLIND FLANGE 05/B1 EN1092-1 PN6	steel P245GH / (1.0352)	EN 10222-2
	other steels - on request		
		P245GH / 1.0352	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 05/B1
Pressure	PN 100

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DN	flange dimensions							fastener dimensions	
	D	K	d1	f1	C1	L	kg	n	M
10	100	70	14	20	40	2	1.04	4	M12
15	105	75	14	20	45	2	1.16	4	M12
20	130	90	18	22	58	2	1.97	4	M16
25	140	100	18	24	68	2	2.54	4	M16
32	155	110	22	24	78	2	3.07	4	M20
40	170	125	22	26	88	3	3.97	4	M20
50	195	145	26	28	102	3	5.64	4	M24
65	220	170	26	30	122	3	7.44	8	M24
80	230	180	26	32	138	3	8.85	8	M24
100	265	210	30	36	162	3	13.30	8	M27
125	315	250	33	40	188	3	21.30	8	M30
150	355	290	33	44	218	3	29.40	12	M30
200	430	360	36	52	285	3	52.70	12	M33
250	505	430	39	60	345	3	85.40	12	M36
300	585	500	42	68	410	4	128.00	16	M39
350	655	560	48	74	465	4	175.00	16	M45