

BLIND FLANGE TYPE 05/B1 EN1092-1 PN10

Material
Pressure

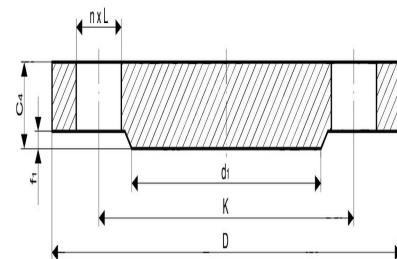
steel EN P245GH
PN 10

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 - 2000

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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 01/B1
Pressure	PN 10

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PN 10

DN	flange dimensions							fastener dimensions	
	D	K	L	C4	D1	f1	kg	n	M
10	90	60	14	16	40	2	1.00	4	M12
15	95	65	14	16	45	2	1.00	4	M12
20	105	75	14	18	58	2	1.00	4	M12
25	115	85	14	18	68	2	1.50	4	M12
32	140	100	18	18	78	2	2.00	4	M16
40	150	110	18	18	88	3	2.50	4	M16
50	165	125	18	18	102	3	2.44	4	M16
65	185	145	18	18	122	3	3.50	8a	M16
80	200	160	18	20	138	3	4.50	8	M16
100	220	180	18	20	158	3	5.50	8	M16
125	250	210	18	22	188	3	8.00	8	M16
150	285	240	22	22	212	3	10.50	8	M20
200	340	295	22	24	268	3	16.50	8	M20
250	395	350	22	26	320	3	24.00	12	M20
300	445	400	22	26	370	4	31.00	12	M20
350	505	460	22	26	430	4	39.50	16	M20
400	565	515	26	26	482	4	49.50	16	M24
450	615	565	26	28	532	4	63.00	20	M24
500	670	620	26	28	585	4	75.50	20	M24
600	780	725	30	34	685	5	124.00	20	M27
700	895	840	30	38	800	5	173.00	24	M27
800	1015	950	33	48	905	5	297.00	24	M30
900	1115	1050	33	45	1005	5	374.00	28	M30
1000	1230	1160	36	54	1110	5	492.00	28	M33
1200	1455	1380	39	66	1330	5	842.00	32	M36
1400	1630	1560	1510	5	72	36	-	36	M33
1600	1830	1760	1710	5	80	136	-	40	M33
1800	2045	1970	1920	5	88	39	-	44	M36
2000	2265	2180	2125	5	96	42	-	48	M39

a) DN 65 flanges can also be made with 4 holes upon customer request