

ANSI Mounting Flange FN

ANSI B16.5 BLIND FLANGE B (FNB)		DIMENSIONS *										
Material - stainless steel (see Appendix - Sheath materials) Nominal pressure - PN25...PN100		SIZE	pipe OD [mm]	class	D [mm]	k [mm]	G [mm]	b1 [mm]	RF [mm]	d2 [mm]	holes	weight [kg]
		NO DRILL 		1/2"	21.3	150 300 600	88.9 95.2	60.5 66.5	35.1	9.7 12.7 14.2	1.5 6.3	15.7
3/4"	26.7			150 300 600	98.6 117.3	69.8 82.5	42.9	11.2 14.2 15.7	1.5 6.3	19	4	≈ 0.61 ≈ 1.11 ≈ 1.28
DRILLED FOR PIPE WELDING 		1"	33.4	150 300 600	108 124	79.2 88.9	50.8	12.7 16 17.5	1.5 6.3	15.7 19	4	≈ 0.86 ≈ 1.39 ≈ 1.60
		1 1/4"	42.2	150 300 600	117.3 133.4	98.5	63.5	14.2 18 20.6	1.5 6.3	15.7 19	4	≈ 1.17 ≈ 1.79 ≈ 2.23
DRILLED AND THREADED 		1 1/2"	48.3	150 300 600	127 155.4	114.3	73.2	16 19 22.3	1.5 6.3	15.7 22.3	4	≈ 1.53 ≈ 2.66 ≈ 3.25
		2"	60.3	150 300 600	152.4 165.1	120.6 127	91.9	17.5 20.8 25.4	1.5 6.3	19	8	≈ 2.42 ≈ 3.18 ≈ 4.15
		2 1/2"	73.0	150 300 600	177.8 190.5	139.7 149.2	104.8	20.9 23.9 28.4	1.5 6.3	19 22.3	4 8	≈ 3.94 ≈ 4.85 ≈ 6.13
		3"	88.9	150 300 600	190.5 209.5	152.4 168.1	127	22.4 26.9 31.7	1.5 6.3	19 22.3	4 8	≈ 4.93 ≈ 6.81 ≈ 8.44

Maximum temperature: 850 °C
Maximum pressure: class 150 - 150 psig
class 300 - 300 psig
class 600 - 600 psig

* Other standard types and dimensions are available on request. Please contact COMECO!

Ordering code FNB - G4'G4".G5.G9.G10.G14

Code	Feature or option	Code values
G4'	Nominal size	50 - 1/2", 75 - 3/4", 100 - 1", 125 - 1 1/4", 150 - 1 1/2", 200 - 2", 250 - 2 1/2", 300 - 3", Z - other (specify!) ⁽¹⁾
G4"	Nominal pressure (class)	150 - 10 bar (150 psig), 300 - 20 bar (300 psig), 600 - 40 bar (600 psig)
G5	Pipe diameter (for welding) 'd1' [mm]	X - none (blind flange), OD (see table above)
G9	Connection thread 'd1'	X - none, U4 - G1/2", U10 - NPT 1/2", U6 - G3/4", U11 - NPT 3/4", U12 - G1", U15 - NPT 1", U27 - G1 1/4", U28 - NPT 1 1/4", U13 - G1 1/2", U16 - NPT 1 1/2", U14 - G2", U17 - NPT 2", U21 - G3", U22 - NPT 3", Z - other (specify!) ⁽¹⁾
G10	Material	M1 - 1.4301, M2 - 1.4541 ⁽¹⁾ , M3 - 1.4571 ⁽¹⁾ , M9 - 1.4404 or 1.4435, Z - друг (поясни!) ⁽¹⁾
G14	Face	A - flat, B - raised

⁽¹⁾ Contact COMECO!