

**ANSI Mounting Flange FN**

ANSI B16.5 BLIND FLANGE Material - stainless steel (see Appendix - Sheath materials) Nominal pressure - PN25...PN100	B (FNB)		DIMENSIONS *								
	SIZE	pipe OD [mm]	class	D [mm]	k [mm]	G [mm]	b1 [mm]	RF [mm]	d2 [mm]	holes	weight [kg]
	1/2"	21.3	150	88.9	60.5	35.1	9.7	1.5	15.7	4	≈ 0.42
			300	95.2	66.5		12.7				≈ 0.64
			600				14.2				≈ 0.76
	3/4"	26.7	150	98.6	69.8	42.9	11.2	1.5	19		≈ 0.61
			300	117.3	82.5		14.2				≈ 1.11
			600				15.7				≈ 1.28
	1"	33.4	150	108	79.2	50.8	12.7	1.5	19		≈ 0.86
			300	124	88.9		16				≈ 1.39
			600				17.5				≈ 1.60
	1 1/4"	42.2	150	117.3		63.5	14.2	1.5	19	≈ 1.17	
			300	133.4	98.5		18			≈ 1.79	
			600				20.6			≈ 2.23	
	1 1/2"	48.3	150	127		73.2	16	1.5	15.7	≈ 1.53	
			300	155.4	114.3		19			≈ 2.66	
			600				22.3			≈ 3.25	
	2"	60.3	150	152.4	120.6	91.9	17.5	1.5	19	≈ 2.42	
			300	165.1	127		20.8			≈ 3.18	
			600				25.4			≈ 4.15	
	2 1/2"	73.0	150	177.8	139.7	104.8	20.9	1.5	19	≈ 3.94	
			300	190.5	149.2		23.9			≈ 4.85	
			600				28.4			≈ 6.13	
	3"	88.9	150	190.5	152.4	127	22.4	1.5	19	≈ 4.93	
			300	209.5	168.1		26.9			≈ 6.81	
			600				31.7			≈ 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!) <sup>(1)</sup>
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!) <sup>(1)</sup>
G10	Material	M1 - 1.4301, M2 - 1.4541 <sup>(1)</sup> , M3 - 1.4571 <sup>(1)</sup> , M9 - 1.4404 or 1.4435, Z - other (specify!) <sup>(1)</sup>
G14	Face	A - flat, B - raised

<sup>(1)</sup> Contact COMECO!