

WAFER BUTTERFLY VALVE NUT & BOLT PACKS

Features

- For 150# Flanges
- Lengths for Two Flanges & One Wafer Butterfly Valve (per API 609 dimensions)
- Material: Carbon Steel
- Finish: Zinc Plated
- Sizes: 2" to 12"

Standards

- Bolts:
 - Material - ASTM A307A Grade A
 - Dimensions - ASME B18.2.1
 - Thread - Class 2A
- Nuts:
 - Material - SAE J995 Grade 2
 - Dimensions - ASME B18.2.2
 - Thread - Class 2B

Bolt Properties

- Tensile: 60 KSI Minimum
- Elongation: 18% Minimum
- Hardness: 69 - 100 Rb



Figure Number Matrix

FNW WBB Z 1 Size			
FINISH	FLANGE	SIZE CODE	
Zinc = Z	150# = 1	2 = K	6 = U
		2-1/2 = L	8 = X
		3 = M	10 = 10
		4 = P	12 = 12
		5 = S	

Pack Quantities & Bolt Sizes (inches)

Size	Bolt Qty	Nut Qty	Diameter	Bolt Length
2	4	4	5/8-11	4-1/4
2-1/2	4	4	5/8-11	4-3/4
3	4	4	5/8-11	5
4	8	8	5/8-11	5
5	8	8	3/4-10	5-1/4
6	8	8	3/4-10	5-1/2
8	8	8	3/4-10	6
10	12	12	7/8-9	6-1/2
12	12	12	7/8-9	7

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