Figure LBB **PIPING PRODUCTS**



LUGGED BUTTERFLY VALVE BOLT PACKS

Features

- For 150# Flanges
- Pack Quantity for Two Flanges (One Butterfly Valve)
- Material: Carbon Steel
- Finish: Zinc Plated
- Sizes: 2" to 24"

Standards

- Material: ASTM A307A Grade A
- Dimensions: ASME B18.2.1
- Thread: Class 2A

Specifications

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



Figure Number Matrix

FNW LBB <u>Z</u> <u>1</u> <u>Size</u>				
<u>FINISH</u> Zinc = Z	FLANGE 150# = 1	<u>SIZE (</u> 2 = K 2-1/2 = L 3 = M 4 = P 5 = S 6 = U 8 = X	CODE 10 = 10 12 = 12 14 = 14 16 = 16 18 = 18 20 = 20 24 = 24	

Pack Quantities & Bolt Sizes (inches)

Size	Bolt Qty	Diameter	Bolt Length	
2	8	5/8-11	1-1/2	
2-1/2	8	5/8-11	1-3/4	
3	8	5/8-11	1-3/4	
4	16	5/8-11	1-3/4	
5	16	3/4-10	2	
6	16	3/4-10	2	
8	16	3/4-10	2-1/4	
10	24	7/8-9	2-1/2	
12	24	7/8-9	2-3/4	
14	32	1-8	2-3/4	
16	32	1-8	3-1/4	
18	32	1-1/8-7	3-1/2	
20	40	1-1/8-7	4	
24	40	1-1/4-7	4-3/4	

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