



Hole Gauge Range		
Bolt Size	Min	Max
3/8	1.2500	3.1250
1/2	1.3750	3.0625
5/8	1.5000	3.0000
3/4	1.5625	2.9375

Flex Information

Flex Tag:
 Model: FLX-SPB-12x18
 Quantity: 1
 Unit Weight: 118 lbs

System Information

System Tag:

Axial Movement

Compression: 1/2"
 Extension: 1/2"

Operating Conditions

Flow Rate: 6000 cfm
 Operating Pressure: 12 inwg
 Operating Temperature: 70 °F
 Flex Installation Location: Outlet

Acoustic Summary

Noise Criteria: 70 dBA
 Receiver Distance: 3 ft
 Receiver Location: Indoors
 Flex Orientation: Away from any large surfaces

Frequency	32	63	125	250	500	1k	2k	4k	8k
Fan Lw	98	102	115	111	109	104	97	94	89

Construction

- EPDM with Nylon Insert (275F)
- HRS 3/16 Flange
- GALV 10 Ga Flow Liner
- Acoustic Media with Fiberglass Cloth Media Protection
- VAW's standard construction methods will be used, which may include caulking and stitch welding.

Interior & Exterior Coating System

Surface Prep: SP 2
 Coat 1: VAW Standard Primer (1.5-2 mils)
 Coat 2: Interlac 665 FD Alkyd Enamel (1-2 mils)
 Color:

The flex construction is valid for temperatures equal to or less than 275 °F (135 °C). The coating system is valid for temperatures equal to or less than 200 °F (93 °C).
 The flex connector is designed for a maximum pressure differential of 85 inwg.

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Unless Otherwise Specified:
 -Dimensions are in inches.
 -Dimensions shown are nominal. For information on manufacturing tolerances contact VAW Systems Ltd.

SCALE NTS
 DATE 13-Feb-2019
 DWN BY Corey Mui
 MODEL No. FLX-SPB-12x18

VAW Systems

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CUSTOMER Systech Design Inc

PROJECT

DWG TITLE Outlet Rectangular Flex Connector
 General Design & Performance

SIZE A DWG No. -001

REV A SHT 1 of 1

REV	DESCRIPTION	DATE ISSUED	BY	APR. BY
A	FIRST ISSUE	13-Feb-2019	CM	
REVISIONS				