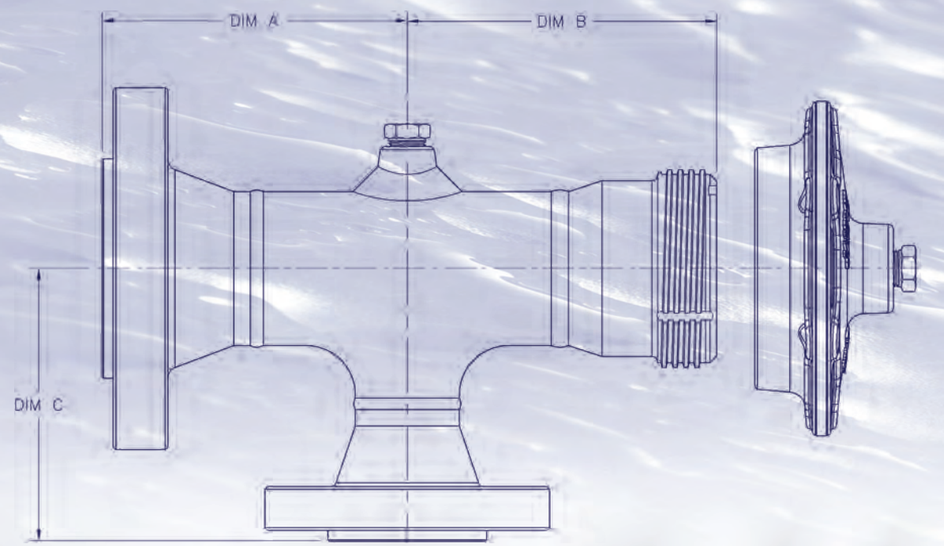
FLOW PRODUCTS

In-Line Pig Entry Tee Dimensional Table Data

Table 1. Pig Entry Tee Dimensional Table Data (Flange x Flange), inches

	ANSI 150			ANSI 300			ANSI 600			ANSI 900		
Nominal Tee Size	Run Center to Flange (DIM 'A')	Run Center to Closure (DIM 'B')	Branch Center to Flange (DIM 'C')	Run Center to Flange (DIM 'A')	Run Center to Closure (DIM 'B')	Branch Center to Flange (DIM 'C')	Run Center to Flange (DIM 'A')	Run Center to Closure (DIM 'B')	Branch Center to Flange (DIM 'C')	Run Center to Flange (DIM 'A')	Run Center to Closure (DIM 'B')	Branch Center to Flange (DIM 'C')
2 X 1.5	5.13	5.00	4.94	5.38	5.00	5.19	5.75	5.00	5.50	6.88	5.00	6.00
2 X 2	5.13	5.00	5.13	5.38	5.00	5.38	5.75	5.00	5.75	6.88	5.00	6.88
3 X 2	6.25	7.00	5.63	6.63	7.00	5.88	7.00	7.00	6.25	7.75	7.00	7.38
3 X 3	6.25	7.00	6.25	6.63	7.00	6.63	7.00	7.00	7.00	7.75	7.00	7.75
4 X 2	7.25	7.75	6.13	7.63	7.75	6.38	8.50	7.75	6.75	9.00	7.75	7.88
4 X 3	7.25	7.75	6.75	7.63	7.75	7.13	8.50	7.75	7.50	9.00	7.75	8.25
4 X 4	7.25	7.75	7.25	7.63	7.75	7.63	8.50	7.75	8.50	9.00	7.75	9.00
6 X 2	9.25	10.75	7.38	9.63	10.75	7.63	10.63	10.75	8.00	11.50	10.75	9.13
6 X 3	9.25	10.75	7.75	9.63	10.75	8.13	10.63	10.75	8.50	11.50	10.75	9.25
6 X 4	9.25	10.75	8.25	9.63	10.75	8.63	10.63	10.75	9.50	11.50	10.75	10.00
6 X 6	9.25	10.75	9.25	9.63	10.75	9.63	10.63	10.75	10.63	11.50	10.75	11.50

Note: Where a Run Extension is required, the length shall be added to the value of DIM 'A'.



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Printed in Canada

In-Line Pig Entry Tee



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In-Line Pig Entry Tee

DESIGN

- The Pig Entry Tee is designed to be a reliable solution for pipeline pig launching and receiving.
- Available in a variety of sizes and configurations to suit operational needs and design requirements.

FEATURES

Safety

Pressure Warning Grooves

- NPS2 to NPS4 come equipped with Pressure Warning Grooves in the threads as standard.
- These grooves create a path of least resistance for residual pressure, alerting the operator of a pressure condition.
- Pressure Warning Grooves are available as an option on large sizes.

Pressure Alert Fitting

- All Closures NPS6 and larger feature a Pressure Alert Fitting to warn the operator of internal pressure prior to opening.
- Meets ASME Section VIII Division 1 UG-35.
- The location of the Pressure Alert Fitting is easily accessible.

In-Line Lugless Closure

- The In-Line Lugless Closure design offers a solution to hammerless operation.
- Increases Closure operation safety.
- Increases the Closure's life span.



Operation

Barred Tees

- All Weld Tees are barred to prevent pipeline pigs from entering the branch.
- Barred Tees are MPI examined and stress relieved per CSA Z245.11.

Push Bar

- Pig Entry Tees are equipped with a detachable push bar which allows operators to effectively load pigs correctly.

Customization

- Reducers, Run Extensions and additional fittings are all available.

Seals

Elastomer Seals

- The seals sizes are industry standard and are not required to be special ordered.
- Sizes and elastomers can be sourced locally, reducing downtime.
- The standard elastomer material: Highly Saturated Nitrile (other elastomers available upon request).

SPECIFICATIONS

Size Range

- NPS2 to NPS6 (Others sizes upon request)

Class Rating

- ANSI 150 to 900

Terminations

- Flanged per ASME B16.5
- Threaded per ASME B16.11
- Weld bevel per ASME B31.3, B31.4, B31.8 and CSA Z662.

Design Specifications

- Head and Hub fully meet the requirements of ASME Section VIII Division 1.
- The design is registered and maintained in accordance with the Alberta Safety Codes Act.
- Construction in accordance with CSA Z662 and ASME B31.3.

Hinge Orientation

- NPS2 to NPS4 primarily non-hinged.
- Horizontal, Vertical and Angled orientations are available.

Temperature Range

- ASME-50°F (-45°C) to +400°F (+204°C) - limits of elastomer seal

Design Codes

- ASME Section VIII Division 1
- ASME B31.3
- CSA Z662

Material

Closure

- ASME SA350 LF2 CLASS 1

Weld Tee

- ASTM A420-WPL6
- ASTM A234-WPB
- CSA Z245.11 GRADE 359 CAT II

Flanges

- ASTM A350-LF2 CL1
- ASTM A105N
- CSA Z245.11 GRADE 359 CAT II

Half Coupling (Optional)

- ASTM A350-LF2 CL1
- ASME SA350-LF2 CL1
- ASTM A105N

Reducers (Optional)

- ASME SA420-WPL6
- ASTM A234-WPB
- CSA Z245.11 GRADE 359 CAT II