

Orifice flange assemblies FPD160

Basic Information

- Brand Name: ABB
- Model Number: FPD160



Product Specification

- Accuracy: High
- Communication Protocol: HART, PROFIBUS, FOUNDATION Fieldbus
- Fluid: Gas, Liquid
- Installation Type: In-line, Insertion
- Material: Stainless Steel, Alloy Steel, Titanium
- Measuring Principle: Differential Pressure
- Output Signal: 4-20mA
- Pressure Range: 0-100Bar
- Process Connection: Flange, Thread, Sanitary
- Product Name: ABB Flow Measurement Products
- Product Type: Flow Measurement
- Range: Wide
- Temperature Range: 0-150
- Warranty: 1 Years
- Highlight: 20ma abb flow meter, hart abb flow meter,

Product Description

Weld-in Orifice Flange Unions/Assemblies to fit between RF, FF or RTJ flanges.

Orifice flanges include the DP tapping points and are supplied with the necessary orifice plate, gaskets, nuts, bolts and jacking screws, designed to measure the flow of clean or contaminated liquids, gases or steam.

Overview

The ABB FPD160 is a range of flow measurement orifice plates fitted into weld-in orifice flange unions with flange tapplings. The orifice plates are available with a variety of profiles to handle a wide range of applications, from clean fluids and low viscosity liquids through to dirty fluids or high viscosity liquids.

Orifice Plate designs:

- Concentric square-edge orifice plate for clean liquids/gases/steam
- Quarter circle orifice plate for viscous fluids
- Conical entrance orifice plate for viscous fluids
- Eccentric orifice plate for dirty fluids
- Segmental orifice plate for dirty fluids
- Orifice plate in holder between RTJ orifice flanges

Data

Orifice Flange Unions ready for direct welding into pipeline:

- tapplings accurately positioned
- complete with gaskets, nuts and bolts

Fitted with orifice plate for low cost measurement:

- 316 stainless steel plate with carbon steel or stainless steel flanges
- other materials available

Engineered and manufactured to latest standards:

- plates to ISO5167:2003 as standard (other design standards available)
- flanges in accordance with ASME B16.36

Range of flange drillings / ratings available:

- for Raised, Flat or RTJ-profile flange facings

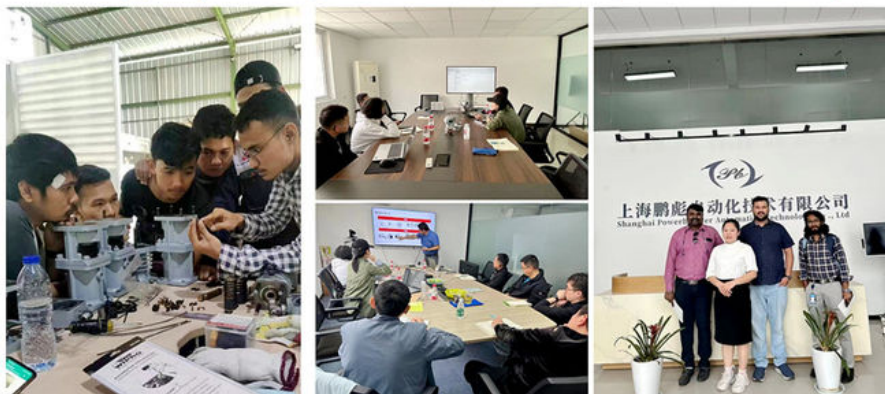
Our Clients:



Our Partners:



Inner training, pre-shipment training, onsite commissioning, onsite training—Focus on detail and complete





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