PLATON
An RM&C Brand

FLOW

Product Data Sheet **DS1721**

DP Primary Flow Sensors

TYPES OF PLATE SLIP ORIFICE PLATES

Tab Handled Slip Orifice Plates offer an economical method of generating a DP in pipes for a large range of liquids and gases.

The plates are mounted between existing flanges in the pipework, with the pressure tappings being provided by the customer as either FLANGED, D & D/2 or CORNER tappings. The standard material is 316 stainless steel, but Monel 400 or Hastelloy C are also available.

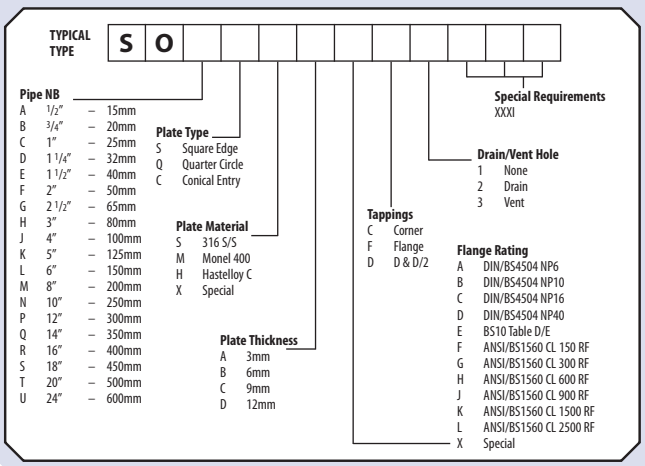
TYPE OF PLATE

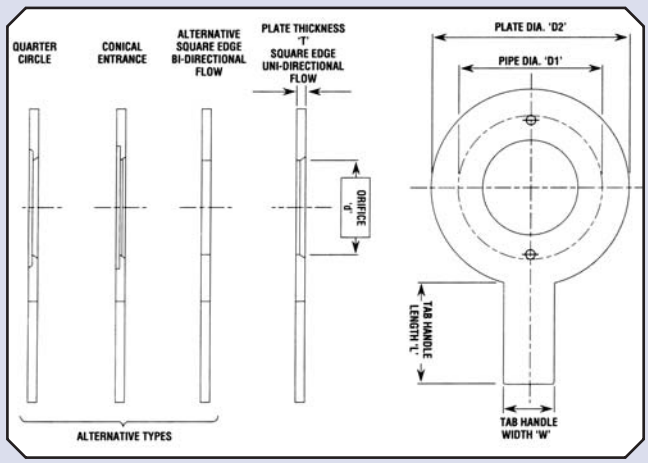
Three types of Orifice Plate are available:

- Square edged for unidirectional or bi-directional flows
- Quarter Circle and Conical entrance for viscous fluids, such as oil

For fluids such as steam, orifice plates above 4" NB can be supplied with drain holes to enable condensate to drain back past the orifice plate.

CODE NUMBER SYSTEM





Information Required when Ordering

- Fluid Type
- Max flow (if fluid is a gas state if conditions are ACTUAL, STANDARD or NORMAL)
- Normal flow
- Operating Pressure
- Operating Temperature
- Viscosity
- Specific Gravity or Density
- Type of Tappings (CORNER, FLANGE OR D & D/2)
- Orifice type: Square edged, Conical entrance or Quarter Circle
- Exact Line ID or Pipe Specification
- Tag number to be marked on handle
- Flange Rating and Orifice bore to be marked on handle
- Differential Pressure Requirement

Every effort has been made during the preparation of this document to ensure the accuracy of statements and specifications. However, we do not accept liability for damage, injury, loss or expense caused by errors or omissions made. We reserve the right to withdraw or amend products or documentation without notice.

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