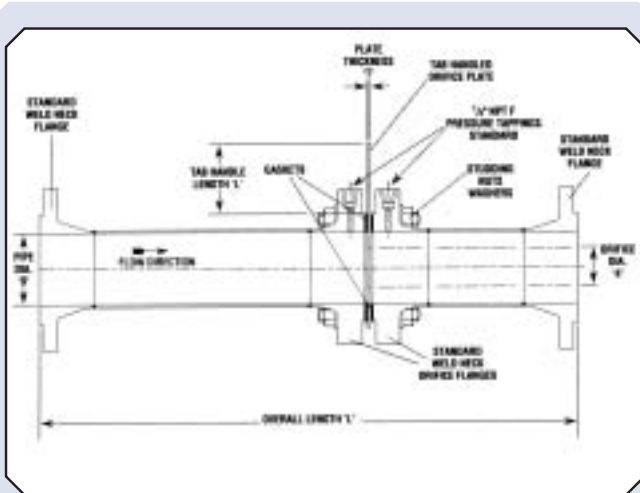


DP Primary Flow Sensors Orifice Carrier Pipe Sections



An Orifice Carrier Pipe Section is recommended for use on line sizes up to 80mm diameter. This type of design ensures a very accurately known uniform pipe ID. This is important to guarantee a smooth uniform bore finish up to the orifice plate to give validity to the orifice plate formulae. The orifice plates used are the same as those available as slip orifice plates.

WELDING

The pipe section is assembled with standard commercial welding with 100% liquid dye penetrant testing available. Full hydrostatic pressure testing to spec requirements. Also available is welding by qualified ASME IX, Lloyds approved welders, radiographic, magnetic particle, or "charpy" impact testing.

MATERIALS OF CONSTRUCTION

The standard material for the plate is 316 Stainless Steel, with alternative materials such as Monel 400 or Hastelloy C.

The pipe sections are available in a wide range of materials ie, Stainless or Carbon Steel as standard. Studding, nuts and bolts are either high tensile carbon steel or stainless steel.

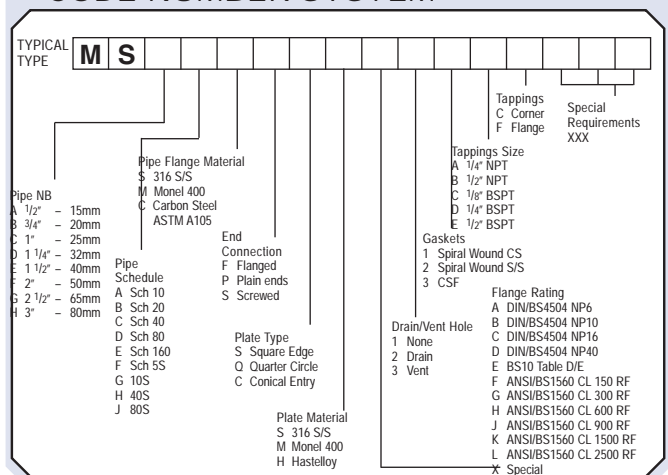
The gaskets are CSF or Spiral Wound.

Process connections may be flanged, screwed or plain for direct welding into the line.

Information Required when Ordering

- Fluid Type
- Max Flow (If fluid is 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)
- 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

CODE NUMBER SYSTEM



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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