



Your Sole Source for Badger Differential Producers Worldwide

Model OFP Orifice Plate Specification Selection Sheet

Date: _____

Company: _____ . **Function**
Address: _____ . Measure Restriction
Contact: _____ . Flow Calculation Required
Phone: _____ . Desired Bore Diameter: _____ .
E-mail: _____ . Plate Size: _____ inch mm

Plate Material: check box if plate only
304SS 316 SS Other: _____ .

Pressure Rating
150# 300# 600#
900# 1500# 2500#

Plate Thickness: 0.125" 0.25"
0.375" 0.5" Other: _____

Process Conditions
Fluid Name: _____
Temperature: °F °C
Line Pressure: PSIA PSIG Other: _____ .
Line Size: NPS _____ inch DN _____ mm

Orifice Type
OFP-CS
Concentric Square-Edged Beveled Orifice

Pipe Schedule, Wall Thickness, or ID: _____
Flow Units (GPM, lb/h, m³/s, etc.): _____
Maximum Flow: _____

OFP-CU
Concentric Square-Edged Unbeveled Orifice

Maximum Flow: Normal Flow: Min. Flow:
Desired D/P Range or Pressure Drop: _____

OFP-SO
Segmental Orifice

Fluid Properties
Viscosity @ Flowing P & T: cP cSt

OFP-ES [Top] [Bottom]
Square-edge, Beveled, Eccentric Orifice

Specific Gravity @ Flowing Conditions:
Molecular Weight: _____

OFP-EU [Top] [Bottom]
Square-edge, Unbeveled Eccentric Orifice

Flowing Density: _____ lb/ft³ kg/m³

OFP-QE
Quadrant Edge

Compressibility Factor @ Flowing P & T: _____ .
Local Barometric Pressure, if known: _____ in. Hg mb

OFP-CO
Conical Orifice

Entrained Solids: Yes No
If yes: _____ % by wt. by vol.

OFP-MH
Multihole

Abrasive: Yes No

Vent/Drain Hole Required Yes No
If Yes above, preferred vent diameter: _____

Steam
Quality: _____ % °Superheat

Flange Set, B16.36: (RFWN, jackscrew, gaskets)
CS 304SS 316SS Other: _____ .

Notes:

Pressure Tap Locations
(not applicable for restriction orifice)
Flange-Taps
Located in the flanges with the tap-holes at 1.00" (25.4mm) from the faces of the Orifice Plate
Corner-Taps
In the adjacent flanges with the piezometer holes located at the faces of the orifice plate.

Customer Tag No: _____

(For internal use only) **Wyatt Reference No:** _____