

## FEATURES

- Wide range of materials
- Easy installation between standard flanges
- Sizes from 1" nominal bore
- Proven flow measurement technology



### PRODUCT OVERVIEW

Orifice plate with carrier ring is used for flow measurement of smaller or medium sized pipes at lower pressure. Each assembly consists of one orifice plate and two orifice rings. Pairs of flange tap or corner tap pressure tapings are machined into the orifice carrier block. Differential pressure is taken out from the tapping and is used as a measure of flow. Sangan Sanat range of orifice carrier assemblies covers all standard sizes and ranges, and all common materials. The assembly may also be supplied complete with bolting and gasket kits, if required.

### MATERIALS

ASTM A105 Carbon Steel

ASTM A350 LF2 Low Temp Carbon Steel ASTM A182 F316 Stainless Steel

ASTM A182 F304 Stainless Steel

ASTM A182 F11 1% Cr ½% Mo

ASTM A182 F22 2¼% Cr 1% Mo

### PRESSURE TAPPINGS

Tappings are provided in different forms including but not limited to: two ½" NPT tappings in each flange, socket weld and butt weld pipe nipples.

### AVAILABLE DESIGNS

We manufacture orifice plate with carrier ring in three different designs as follows:

- 1) **Double ring orifice carrier** designed to be mounted between standard pipe flanges.
- 2) **Annular chamber type orifice carriers** which are a special form of corner tappings.
- 3) **Single ring orifice carrier** which is a simple, compact orifice carrier, which may be machined in one piece, or be provided with a screwed on plate.