

Orifice Flange

Tapped flange pair for orifice plates and differential-pressure flow measurement.

Orifice flanges carry an orifice plate between two flanges and provide pressure taps for a differential-pressure transmitter. Jack screws, line markings and tap orientation are specified to ASME B16.36 and the metering requirement.

KEY FEATURES

- Integral pressure taps for flow measurement
- Jack screws for plate removal
- Matched flange pair with plate and gaskets
- Raised-face and RTJ configurations

SPECIFICATION

ITEM	VALUE
Size range	1–24 in
Pressure class	Class 300–2500
Taps	1/2 in NPT, flange or corner taps
Face type	Raised face, RTJ
Temperature	-29 to 425 °C (material dependent)
Inspection	Dimensional, tap position, plate fit

STANDARDS AND MATERIALS

Standards: ASME B16.36; ASME B16.5; ASTM A105 / A182.

Materials: ASTM A105; ASTM A182 F316L.

ORDERING RANGE

Representative configurations. The full size, material and connection range is confirmed on the order acknowledgement.

SIZE	CLASS	FACE	MATERIAL	PART NUMBER
2"	300	RF	A105	BGI-OF-0200-300-A105
4"	300	RF	A105	BGI-OF-0400-300-A105
6"	600	RF	F316L	BGI-OF-0600-600-F316L
8"	600	RTJ	F316L	BGI-OF-0800-600-F316L

APPLICATIONS

- Orifice metering runs
- Custody transfer
- Process flow control
- Utility measurement

ORDERING NOTES

Confirm size, pressure class, facing or connection, material and quantity when ordering. For critical service, include the project specification, NDE requirements and documentation package. Alternative materials, coatings, tappings and special dimensions are quoted on request.

Range: Flanges. Document reference: DS-ORIFICE-FLANGE · Rev. 04.

Ordering and technical support

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Quotations are prepared against the released specification. Certified drawings are issued with the order.