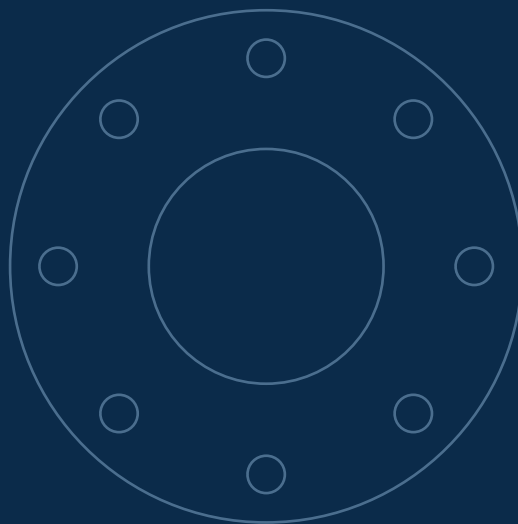


PRODUCT OVERVIEW

Specialty Flanges

Reducing and orifice flanges for line-size transitions and differential-pressure flow measurement.



DOCUMENT

Product overview

FAMILY	Flanges
RANGE	Specialty Flanges
TYPES	2
REVISION	Rev. 04
ISSUED	15 September 2026

Specialty Flanges

Reducing and orifice flanges for line-size transitions and differential-pressure flow measurement.

Specialty flanges support line-size changes and flow measurement without additional spool pieces. Reducing flanges combine two line sizes in a single bolted connection. Orifice flanges provide tapped connections for orifice plates and differential-pressure transmitters, with jack screws and line markings supplied to ASME B16.36.

STANDARDS AND SUPPLY SCOPE

- Primary standards: ASME B16.5; ASME B16.36; ASTM A105 / A182.
- Product types: Reducing Flange, Orifice Flange.
- Standard and made-to-order configurations; project documentation on request.
- Material certificates, inspection records and test reports issued with the order where specified.

SELECTION INPUTS

- Duty, media, pressure and temperature.
- Size, pressure class and connection detail.
- Material and any sour-service or NACE requirement.
- Documentation, NDE and test requirements.

Ordering and technical support

sales@belvantaglobal.com · +1 (713) 555-0140 · www.belvantaglobal.com

1200 Industrial Parkway, Houston, TX 77032, United States

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

PRODUCT TYPES

Each type below has a dedicated datasheet in the product library. Open the range page for specifications, ordering data and drawings.

Reducing Flange

ASME B16.5 · ASTM A105 / ASTM A182 F316L

Single flange that transitions between two line sizes at a bolted connection.

PRODUCT TYPES

Each type below has a dedicated datasheet in the product library. Open the range page for specifications, ordering data and drawings.

Orifice Flange

ASME B16.36 · ASTM A105 / ASTM A182 F316L

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

DOCUMENTS

- Specialty Flanges Overview (this document)
- Specialty Flanges General Arrangement Drawing
- Reducing Flange Datasheet
- Orifice Flange Datasheet

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