

## Orifice Weld Neck RF Flanges ASME B16.36 Class 300

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Kasugai
- Model Number: ASME B16.36
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Seaworthy Packng
- Delivery Time: 30 - 60 working days
- Payment Terms: L / C , T / T
- Supply Ability: 500 ton per month



### Product Specification

- Product Name: Dimensions Orifice Weld Neck RF Flanges
- Size Range: 1/2" To 24"
- Pressure Class: 300
- Standard: ASME B16.36
- Face Type: Height Of Raised Face
- Type: Welding Neck Flanges
- Highlight: **Class 300 Weld Neck RF Flanges,  
ASME B16.36 Weld Neck RF Flanges,  
Orifice Weld Neck RF Flanges**

## Product Description

### Orifice Weld Neck RF flanges ASME B16.36 Class 300

#### Dimensions Orifice Weld Neck RF Flanges Information

**Orifice Weld Neck flanges** are specialized flanges used in orifice metering systems to facilitate accurate measurement of fluid flow rates in piping systems. These flanges are designed to accommodate the installation of orifice plates, which create a differential pressure that is used to calculate flow rates.

Orifice Weld Neck flanges are available in various sizes ranging from 1/2 inch to 24 inches or larger.

The NPS indicates the nominal size of the pipe that the flange is designed to be used with.

Some Orifice Weld Neck flanges have a raised face that provides a sealing surface for the gasket.

#### Bolt Hole Size and Spacing:

Bolt holes in the flange are standardized based on the flange size and pressure class.

Proper bolt hole size and spacing ensure compatibility with bolting arrangements for secure attachment to the piping system.

Orifice Weld Neck flanges play a crucial role in orifice metering systems by providing a secure and accurate means of installing orifice plates for precise flow measurement in industrial piping applications.

NPS	BOLT CIRCLE	NO OF BOLTS	DIA OF HOLES	DIA STUD BOLTS	STUD BOLT LENGTH
1	88.9	4	11/16	5/8	125
1.1/2	114.3	4	13/16	3/4	135
2	127.0	8	11/16	5/8	125
2.1/2	149.2	8	13/16	3/4	135
3	168.3	8	13/16	3/4	135
4	200.0	8	13/16	3/4	135
6	269.9	12	7/8	3/4	135
8	330.2	12	1	7/8	145
10	387.4	16	1.1/8	1	165
12	450.8	16	1.1/4	1.1/8	180
14	514.4	20	1.1/4	1.1/8	185
16	571.5	20	1.3/8	1.1/4	195
18	628.6	24	1.3/8	1.1/4	205
20	685.8	24	1.3/8	1.1/4	215
24	812.8	24	1.5/8	1.1/2	240

The flange thickness varies based on the pressure rating and the flange size. The thickness is typically specified in accordance with the pressure-temperature ratings provided by the applicable standard.

- Dimensions are in millimeters, except for bolts and bolt holes.
- Height of Raised Face (RF) in CLASS 300 is 2 mm.
- All other dimensions are in accordance with ASME B16.5.
- Ring joint flanges larger than NPS 3 will require angular meter taps.

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