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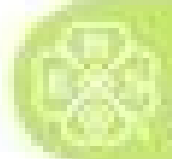
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ASME B16.20-2017
(Revision of ASME B16.20-2012)

Metallic Gaskets for Pipe Flanges

AN AMERICAN NATIONAL STANDARD



The American Society of
Mechanical Engineers

ASME B16.18-2011
(Revision of ASME B16.18-2003)

Large Metallic Valves for Gas Distribution

Manually Operated, NPS 2½
(DN 65) to NPS 12 (DN 300),
125 psig (8.6 bar) Maximum

AN AMERICAN NATIONAL STANDARD

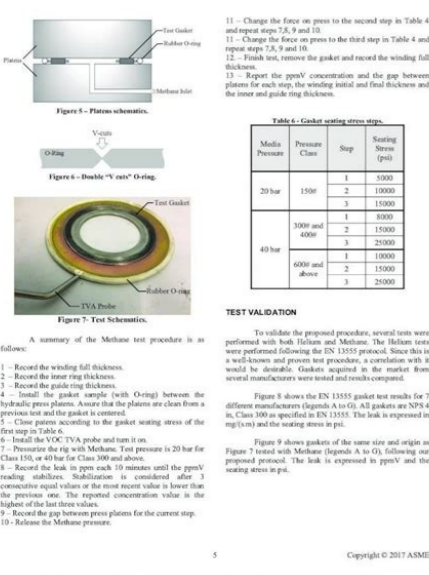


The American Society of
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Large Metallic Valves for Gas Distribution
Manually Operated, NPS 2½ (DN 65) to NPS 12 (DN 300),
125 psig (8.6 bar) Maximum

ASME B16.5 Flanges and Flanged Fittings

Designation	Description	Designation	Minimum Design Stress			Condition
			Class	Material	Pressure	
150	150 lb Class Flange	150	150	150	150	
300	300 lb Class Flange	300	300	300	300	
400	400 lb Class Flange	400	400	400	400	
600	600 lb Class Flange	600	600	600	600	
900	900 lb Class Flange	900	900	900	900	
1500	1500 lb Class Flange	1500	1500	1500	1500	
2500	2500 lb Class Flange	2500	2500	2500	2500	
3000	3000 lb Class Flange	3000	3000	3000	3000	
3500	3500 lb Class Flange	3500	3500	3500	3500	
4000	4000 lb Class Flange	4000	4000	4000	4000	
4500	4500 lb Class Flange	4500	4500	4500	4500	
5000	5000 lb Class Flange	5000	5000	5000	5000	
5500	5500 lb Class Flange	5500	5500	5500	5500	
6000	6000 lb Class Flange	6000	6000	6000	6000	
6500	6500 lb Class Flange	6500	6500	6500	6500	
7000	7000 lb Class Flange	7000	7000	7000	7000	
7500	7500 lb Class Flange	7500	7500	7500	7500	
8000	8000 lb Class Flange	8000	8000	8000	8000	
8500	8500 lb Class Flange	8500	8500	8500	8500	
9000	9000 lb Class Flange	9000	9000	9000	9000	
9500	9500 lb Class Flange	9500	9500	9500	9500	
10000	10000 lb Class Flange	10000	10000	10000	10000	



We need your help to maintain this website. Careful application of these B16 Standards will help users to comply with applicable regulations within their jurisdictions, while achieving the operational, cost and safety benefits to be gained from the many industry best-practices detailed within these volumes. Please help us to share our service with your friends. Intended for manufacturers, owners, employers, users and others concerned with the specification, buying, maintenance, training and safe use of valves with pressure equipment, plus all potential governing entities. To keep our site running, we need your help to cover our server cost (about \$400/m), a small donation will help us a lot. Included are: (1) flanges with rating class designations 150, 300, 400, 600, 900, and 1500 in sizes NPS ½ through NPS 24 and flanges with rating class designation 2500 in sizes NPS ½ through NPS 12, with requirements given in both metric and U.S. Customary units with diameter of bolts and flange bolt holes expressed in inch units; (2) flanged fittings with rating class designation 150 and 300 in sizes NPS ½ through NPS 24, with requirements given in both metric and U.S. Customary units with diameter of bolts and flange bolt holes expressed in inch units; (3) flanged fittings with rating class designation 400, 600, 900, and 1500 in sizes NPS ½ through NPS 24 and flanged fittings with rating class designation 2500 in sizes NPS ½ through NPS 12 that are acknowledged in Non-Mandatory Appendix E in which only U.S. Customary units are provided. B16.5 is limited to flanges and flanged fittings made from cast or forged materials, and blind flanges and certain reducing flanges made from cast, forged, or plate materials. This Standard is to be used in conjunction with equipment described in other volumes of the ASME B16 Series of Standards as well as with other ASME standards, such as the Boiler and Pressure Vessel Code and the B31 Piping Codes. ASME B16.5 Pipe Flanges and Flanged Fittings: NPS ½ through NPS 24 Metric/Inch Standard covers pressure-temperature ratings, materials, dimensions, tolerances, marking, testing, and methods of designating openings for pipe flanges and flanged fittings. You can download the paper by clicking the button above. Advanced embedding details, examples, and help! Free PDFFree PDFFree PDFFree PDF ASME has been defining piping safety since 1922. Loading PreviewSorry, preview is currently unavailable. Also included in this Standard are requirements and recommendations regarding flange bolting, flange gaskets, and flange joints. We are a non-profit group that run this website to share documents. Want more? ASME B16.36-2015 Orifice Flanges ASME B16.36-2015 Orifice Flanges ASme b16.47 Series a (Mss Sp-44) Flanges (2) ASME B16.5 Pipe Flanges and Flanged Fittings.pdf ASME-B16.20a-2009-Metallic Gaskets for Pipe Flanges Bolt Torque ASME B16.5 Flanges - Spiral Wound Gaskets Bolt Torque ASME B16 5 Flanges Sheet Gaskets 02 ASME-B16.20a-2009-Metallic Gaskets for Pipe Flanges Blind Flanges - ANSI B16.5 ANSI B16.36 Orifice Flanges Flanges General for Dummies Thank you for interesting in our services.

An Elbow 90 Sw 3000 can be installed between two lengths of pipe. These 90 Degree Socket Elbow allow a change in the direction of flow. The ends can be machined for butt welding, threaded (usually female), or socketed like the 90 Degree Sw Elbow. When the ends of the Sw 90 Degree Elbow differ in size, they known as a reducing or reducer 90 Degree Elbow 3000lb ... 17/11/2011 - For concentric reducers / expanders the actual dimensions are considered for various standard reducers based on ASME B16.9 - "Factory-Made Wrought Butt-welded Fittings". The excel workbook is attached with this blog entry. Hope all of you will enjoy reading this blog entry and find the excel workbook useful. ASME B16.1-2014 ASME Section VIII - Division 2 Criteria and Commentary - x Close Log In. Log in with Facebook Log in with Google, or Email. Password. Remember me on this computer, or reset password ... Full PDF Package Download Full PDF Package. This Paper. A short summary of this paper. 7 Full PDFs related to this paper. ASME Class 150; Sizes 1/2" to 8" Regular Port; 316 Stainless Steel or WCB; ISO 5211 actuator mounting pad; TFM™; 1600 seats standard; NACE MR-0175/MR-0103; Superior live-loaded packing system; Blowout Proof Stem with anti-static devices; Firesafe; API 607 7th Edition (see catalog for specifics) Fully conforms to ASME B16.34 ASME B16.11 Threaded Fittings: ASME B16.11 Standards: ASME B16.11, Bs3799, MSS SP 79, JIS B2302, MSS SP 95, MSS SP 83; ANSI B16.11 Size: Threaded Fittings = ½" - 8" Socket Weld Fittings = ½" - 8" ASME B16.11 Pressure Rating: Threaded Fittings = #2000, #3000, #6000 Socket Weld Fittings = 3000LB, 6000LB, 9000LB; ASME B16.11 Types ASME II part D. 798 Pages. ASME II part D. s yarifudin ali. Central Asme. Download Download PDF. Full PDF Package Download Full PDF Package. This Paper. A short summary of this paper. 14 Full PDFs related to this paper. Read Paper. Download Download PDF. Download Full ...