

Flanges

Connecting dimensions according to DIN EN 1092-1 and DIN 2501-1¹⁾



Flange connecting dimensions for
PN 6, PN 10, PN 16, PN 25 and PN 40

Fig. 1 shows the schematic arrangement of the bolt holes, not their exact number.
For the exact number of bores, refer to Table 1, column "No. n".

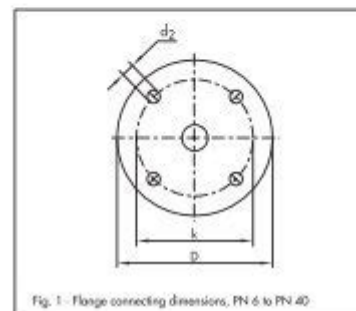


Fig. 1 - Flange connecting dimensions, PN 6 to PN 40

¹⁾ Flange connecting dimensions for PN 160, PN 250 and PN 320 correspond to the specifications in DIN 2501-1

Table 1 - Connecting dimensions for PN 6, PN 10, PN 16, PN 25 and PN 40 Dimensions in mm

Nominal size	PN 6				PN 10				PN 16				PN 25				PN 40			
	Outside		Bolt holes		Outside		Bolt holes		Outside		Bolt holes		Outside		Bolt holes		Outside		Bolt holes	
	Ø	circle Ø	No.	Ø	Ø	circle Ø	No.	Ø	Ø	circle Ø	No.	Ø	Ø	circle Ø	No.	Ø	Ø	circle Ø	No.	Ø
	D	k	n	d ₂	D	k	n	d ₂	D	k	n	d ₂	D	k	n	d ₂	D	k	n	d ₂
15	80	55	4	11	95	65	4	14	95	65	4	14	95	65	4	14	95	65	4	14
20	90	65	4	11	105	75	4	14	105	75	4	14	105	75	4	14	105	75	4	14
25	100	75	4	11	115	85	4	14	115	85	4	14	115	85	4	14	115	85	4	14
32	120	90	4	14	140	100	4	18	140	100	4	18	140	100	4	18	140	100	4	18
40	130	100	4	14	150	110	4	18	150	110	4	18	150	110	4	18	150	110	4	18
50	140	110	4	14	165	125	4	18	165	125	4	18	165	125	4	18	165	125	4	18
65	160	130	4	14	185	145	8	18	185	145	8 ¹⁾	18	185	145	8	18	185	145	8	18
80	190	150	4	18	200	160	8	18	200	160	8	18	200	160	8	18	200	160	8	18
100	210	170	4	18	220	180	8	18	220	180	8	18	235	190	8	22	235	190	8	22
125	240	200	8	18	250	210	8	18	250	210	8	18	270	220	8	26	270	220	8	26
150	265	225	8	18	285	240	8	22	285	240	8	22	300	250	8	26	300	250	8	26
200	320	280	8	18	340	295	8	22	340	295	12	22	360	310	12	26	375	320	12	30
250	375	335	12	18	395	350	12	22	405	355	12	26	425	370	12	30	450	385	12	33
300	460	395	12	22	465	430	12	22	460	410	12	26	495	430	16	30	515	450	16	33
350	490	445	12	22	505	460	16	22	520	470	16	26	555	490	16	33	580	510	16	36
400	560	495	16	22	565	515	16	26	580	525	16	30	620	550	16	36	660	585	16	39

¹⁾ According to EN 1092-2 (cast iron flanges) and EN 1092-3 (copper alloy flanges), flanges in this PN and DN may be delivered with four bolt holes. If steel flanges with four holes are required, they may be delivered after prior consultation between manufacturer and customer.

Edition March 2012

Application Notes

AB 02 EN

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Flanges Connecting Dimensions According To Din En 1092 1

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Flanges Connecting Dimensions According To

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25, and PN 40 Edition July 2003 Application Notes AB 02 EN Fig. 1 · Flange connecting dimensions, PN 6 to PN 40 Nominal size PN6 PN10 PN16 PN25 PN40

Flanges Connecting dimensions according to DIN EN 1092-1 ...

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-1 1) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25 and PN 40 Fig. 1 shows the schematic arrangement of the bolt holes, not their exact number. For the exact number of bores, refer to Table 1, column "No. n". 1)

Flanges Connecting dimensions according to DIN EN 1092-1 ...

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25 and PN 40 Edition March 2012 Application Notes AB 02 EN Fig. 1 Flange connecting dimensions, PN 6 to PN 40 Nominalsize PN6 PN10 PN16 PN25 PN40 Outside Bolt Bolt holesOutside Bolt Bolt holesOutside Bolt Bolt holesOutside Bolt Bolt holesOutside Bolt Bolt holes Ø ...

Flanges Connecting dimensions according to DIN EN 1092-1 ...

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25, and PN 40 Fig. 1 shows the schematic arrangement of the bolt holes, not their exact number. For the exact number of bores, refer to Table 1, column "No. n". 1)

Flanges Connecting dimensions according to DIN EN 1092-1 ...

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, ...

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Flanges Connecting dimension according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25 and PN 40 Fig. 1 shows the schematic arrangement of the bolt holes, not their exact number. For the exact number of bores, refer to Table 2, column "Qty. n".

Flanges - Samson AG

Flange connecting dimensions according to DIN 2501 Part 1, PN10 Nominal pressure PN 10 maximum allowable working pressure DN D k d1 d2 e Number Bolts b1 PN [mm] [mm] [mm] [mm] [mm] [mm] of drills size [mm] [bar]

GRP backing flanges 1310-WN-en DIN 2501 page 1 of 1 Flange ...

The dimension of the flange (NPS and the pipe schedule) shall match the dimension of the connecting pipe. A welding neck flange is connected to a pipe by a single full penetration V-shaped butt weld. The dimension and weights of ASME weld neck flanges are shown in this article.

The 13 Types of Flanges for Piping Explained ...

Dimensions of PN 16 Flanges DIN EN 1092-1. NOTE 1: Dimensions N1, N2 and N3 are

measured at the intersection of the hub draft angle and the back face of the flange. NOTE 2: For d1 dimensions see document "Flange facing according to DIN EN 1092-1". Dimensions in mm * For flanges type 21 the outside hub diameter approximately corresponds to the outside pipe diameter, ** 8 holes is preferred ...

PN 16 Flanges DIN EN 1092-1 | Dimensions of PN 16 Flanges ...

Ski boots use flanges at the toe or heel to connect to the binding of the ski. The size and shape for flanges on alpine skiing boots is standardized in ISO 5355. Traditional telemark and cross country boots use the 75 mm Nordic Norm, but the toe flange is informally known as the "duckbill".

Flange - Wikipedia

ANSI Flanges Tel: 886-4-23112576 Fax: 886-4-23112578 E-mail: wellgrow@ms18.hinet.net WELD NECK THREADED LAP JOINT BLIND SLIP-ON SOCKET WELD

ANSI Flanges - pipefittingweb.com

Flanges Connecting dimensions according to DIN EN 1092-1 and DIN 2501-11) Flange connecting dimensions for PN 6, PN 10, PN 16, PN 25, and PN 40 Fig. 1 shows the schematic arrangement of the bolt holes, not their exact number. For the exact number of bores, refer to Table 1, column "No. n". 1) Flange connecting dimensions for PN 160, PN 250, and PN 320 correspond to these specifications in DIN ...

Flanges - Ensayos universitarios - 1020 Palabras

Flange dimensions according to different PN are sometimes the same, e.g.: DN PN6 PN10 PN16 PN25 PN40 from 10 to 40 PN6 use dimensions PN40 use dimensions PN40 use dimensions PN40 PN40 from 50 to 150 PN6 use dimensions PN16 PN16 use dimensions PN40 PN40 above 150 PN6 PN10 PN16 PN25 PN40 ASA 150 and ASA 300 flanges (according to American ANSI B16.5 standard). The numbers 150 and 300 indicate

INDUSTRIAL FITTINGS - couplings

Pipe Flanges and Gasket Dimensions - Gasket dimensions according ASME B16.5 Pipe Flanges and Flange Fittings Pressure and Temperature Ratings ASTM A-53, A-106 and API 5L Grade B Carbon Steel Pipes - Metric Units - Pressure (kPa) and temperature (o C) ratings of ASTM A-106, API 5L and ASTM A-53 Seamless Carbon Steel Pipes - temperatures ranging -29 o C - 450 o C

Pipe Class Ratings and Pressure Numbers (PN)

However, it is not advisable to use a flange connection in underground piping when it supposed to be buried. The flange is also the most common source of leak and fire in a process plant. There are a variety of flanges available to suit the requirements. A flange can be classified in several alternate ways based on the following: Types of Connection; Flange facing Types; Pressure-Temperature ...

Learn about 9 Types of Pipe Flanges, Face Types ...

(316/316L) and grouped in table 2-2.2 according to ANSI B16.5:2009. Note! Values in inches are converted to values in millimeters using the factor 2.54. The mm values are rounded off to the nearest 0 or 5 in the ASME standard. Versions Flange Norm DIN EN 1092-1 Endress+Hauser usually delivers only flanges with flat face. This type of flange

has ...

Technical Information Flanges - MERTEH

Note 2: For d1 dimensions see document "Flange Facing Dimensions EN 1092-1". Tel: 886-4-23112576 Fax: 886-4-23112578 E-mail: wellgrow@ms18.hinet.net : EN 1092-1 PN25 Flanges Tel: 886-4-23112576 Fax: 886-4-23112578 E-mail: wellgrow@ms18.hinet.net : Flange type (typ) as in EN 1092-1 01 (Plate [slip-on] flanges for welding) 13 (Hubbed threaded flanges) 02 (Loose plate flanges with weld-on plate ... **EN 1092-1 Flanges** Flange dimensions are determined by the pipe size and the pressure class required for the application. Flanges are standardized according publications from organizations like ASME, MSS, API and others. ASME/ANSI B16.5 provides. weld neck; slip-on; socket weld; threaded; lap joint; blind; flange dimensions for pipes ranging 1/2" to 24" - in classes ranging 150 to 2500. Steel Pipe Dimensions ...

ASME/ANSI B16.5 - Flanges and Bolt Dimensions Class 150 to ...

Screw the tubing into the connecting flanges. Screw la tubatura nelle flange di collegamento. SPECIAL EXECUTIONS: valve body in stainless steel, flanges drilled according to ANSI 150, different diameters.

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