

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 300 PN50 TYPE 11/B1

Weld neck BW flange stainless steel 316L Type 11/B1 Class 300 according to ASME B16.5 for gas or fluids.

To connect valves with flanges Class 300 PN50 (ball valves, gate valves, check valves, strainer...).

Certificate

3.1



Size : DN15 to DN100 (NPS 1/2" à 4")

Connection : Class 300 PN50

Max Temperature : + 450°C

Max Pressure : 40 bars

Specifications : Raised Face (RF)

Type 11/B1

Drinking water compatibility

Weld neck BW flange Schedule 40

Materials : Forged stainless steel F316L

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SPECIFICATIONS :

- Raised Face (RF)
- Weld neck BW type, Schedule 40
- Stainless steel F316L

USE :

- For fluids or gas
- Max Temperature Ts : +450°C
- Max pressure Ps : 40 bars

RANGE :

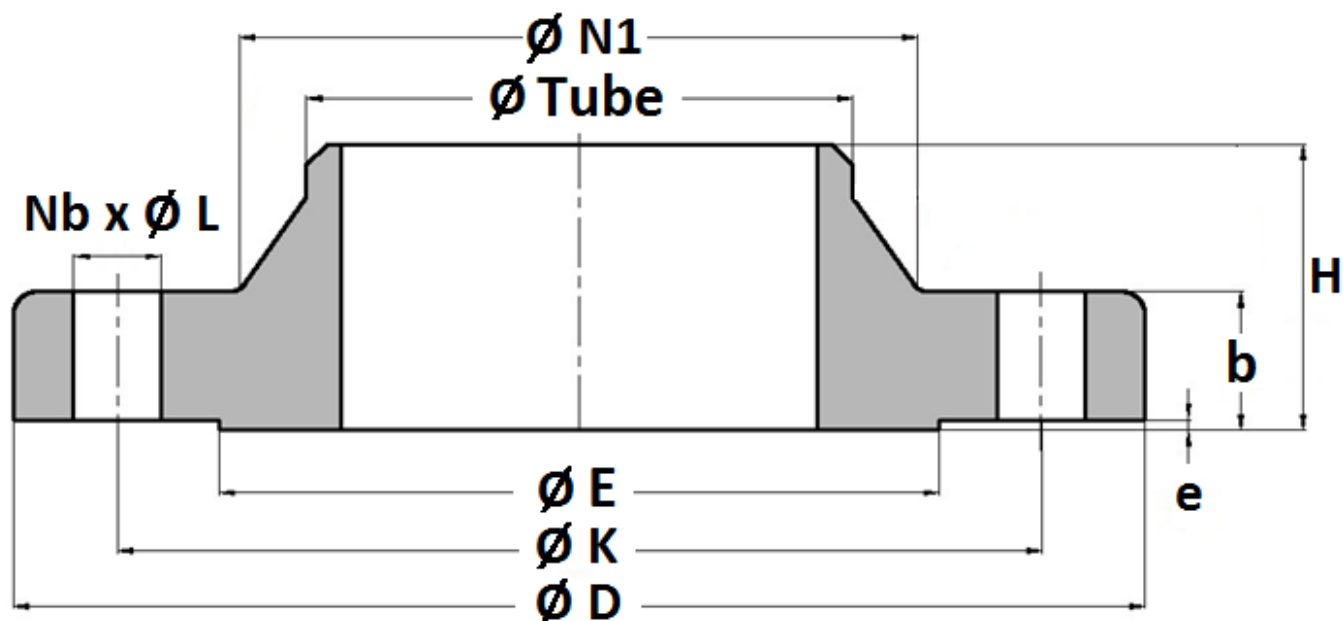
- Weld neck BW stainless steel 316L flange Class 300 PN50 Type 11/B1 **Ref. 4WN50** from DN 15 to DN100 (NPS 1/2" - 4")

PRESSURE / TEMPERATURE RELATION ACCORDING TO ASME B16.34 TABLE 2-2.3 GROUP 2.3 CLASS 300 :

Pressure (bar)	41.4	41.4	40	34.8	31.4	29.2	27.5	26.1	25.1	24.3	23.9	23.4
Temperature (°C)	-29	38	50	100	150	200	250	300	350	400	425	450

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SIZE (in mm) :



DN	15	20	25	32	40	50	65	80	100
NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø D	95.2	117.5	123.8	133.3	155.6	165.1	190.5	209.5	254
Ø K	66.7	82.5	88.9	98.4	114.3	127	149.2	168.3	200
Ø E	34.9	42.9	50.8	63.5	73	92.1	104.8	127	157.2
Ø Tube	21.3	26.7	33.5	42.2	48.3	60.3	73.1	88.9	114.3
Ø N1	38	48	54	64	70	84	100	117	146
H	52.4	57.1	61.9	65.1	68.3	69.8	76.2	79.4	85.7
b	14.3	15.9	17.5	19	20.6	22.2	25.4	28.6	31.8
e	1.6								
Nb x ØL	4 x 15.9	4 x 19				8 x 22.2			
Weig. (Kg)	0.9	1.4	1.8	2.3	3.2	4.1	5.4	6.8	11.3
Ref.	4WN5015	4WN5020	4WN5025	4WN5032	4WN5040	4WN5050	4WN5065	4WN5080	4WN50100

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 300 PN50 TYPE 11/B1**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (article 4, § 3)
- Certificate 3.1 on request
- Designing according to ASME B16.5 Class 300 PN50
- Forged stainless steel F316L Group 2.3 according ASME B16.34
- Stainless steel F316L for drinking water compatibility

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.