

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 150 PN20 TYPE 11/B1

Weld neck BW flange stainless steel 316L Type 11/B1 Class 150 according to ASME B16.5 for gas or fluids.

To connect valves with flanges Class 150 PN20 (ball valves, gate valves, check valves, strainer...).

Certificate

3.1



Size : DN15 to DN250 (NPS 1/2" à 10")

Connection : Class 150 PN20

Max Temperature : + 450°C

Max Pressure : 16 bars

Specifications : Raised Face (RF)

Type 11/B1

Drinking water compatibility

Weld neck BW flange Schedule 40

Materials : Forged stainless steel F316L

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 150 PN20 TYPE 11/B1

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 : 16 bars

RANGE :

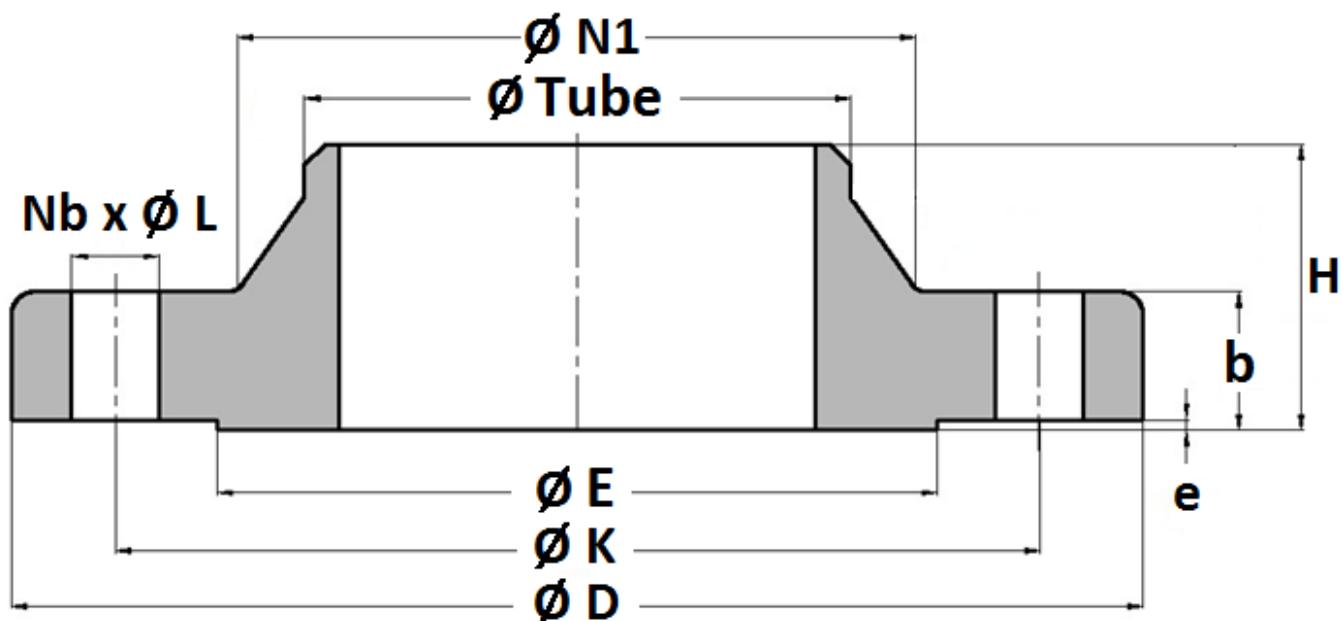
- Weld neck BW stainless steel 316L flange Class 150 PN20 Type 11/B1 **Ref. 4WN20** from DN 15 to DN250 (NPS 1/2" - 10")

PRESSURE / TEMPERATURE RELATION ACCORDING TO ASME B16.34 TABLE 2-2.3 GROUP 2.3 CLASS 150 :

Pressure (bar)	15.9	15.9	15.3	13.3	12	11.2	10.5	10	8.4	6.5	5.5	4.6
Temperature (°C)	-29	38	50	100	150	200	250	300	350	400	425	450

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 150 PN20 TYPE 11/B1

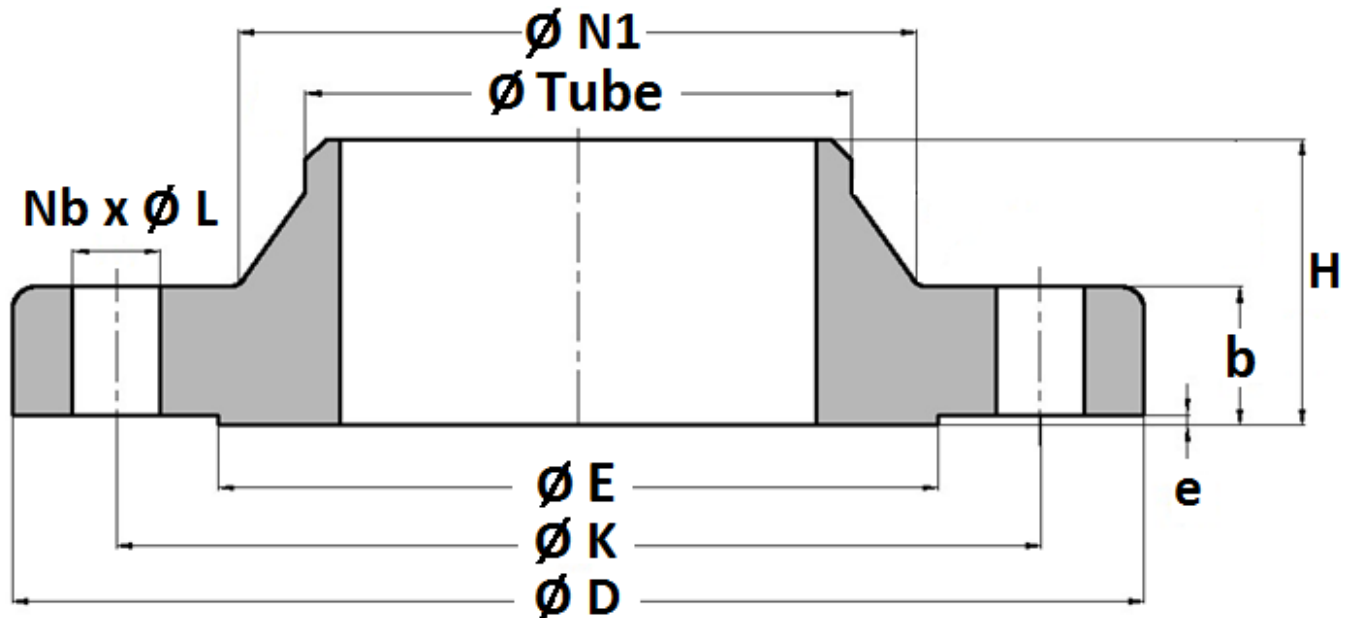
SIZE DN15-100 (NPS 1/2"-4") (in mm) :



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	89	99	108	117	127	152	178	190	229
Ø K	60.3	69.8	79.4	88.9	98.4	120.6	139.7	152.4	190.5
Ø E	34.9	42.4	50.9	63.5	73	82.1	104.8	127	157.2
Ø Tube	21.3	26.7	33.4	42.2	48.3	60.3	73.1	88.9	114.3
Ø N1	30	38	49	59	65	78	90	108	135
H	48	52	56	57	62	63	70	70	76
b	11.2	12.7	14.3	15.9	17.5	19.1	22.3	23.9	23.9
e	1.6								
Nb x ØL	4 x 15.8					4 x 19			8 x 19
Weig. (Kg)	0.6	0.8	1.1	1.4	1.8	2.7	3.6	4.5	6.8
Ref.	4WN2015	4WN2020	4WN2025	4WN2032	4WN2040	4WN2050	4WN2065	4WN2080	4WN20100

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 150 PN20 TYPE 11/B1

SIZE DN125-250 (NPS 5"-10") (in mm) :



DN	125	150	200	250
NPS	5"	6"	8"	10"
Ø D	254	279	343	406.4
Ø K	215.9	241.3	298.4	361.9
Ø E	185.7	215.9	269.9	323.8
Ø Tube	141.2	168.4	219.1	273
Ø N1	164	192	246	305
H	89	89	102	102
b	23.9	25.4	28.6	30.2
e	1.6			
Nb x ØL	8 x 22.2			12 x 25.4
Weight (Kg)	8.6	10.9	17.7	23.6
Ref.	4WN20125	4WN20150	4WN20200	4WN20250

WELD NECK BW STAINLESS STEEL 316L FLANGE CLASS 150 PN20 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 150 PN20
- 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.