

WELD NECK BW STAINLESS STEEL 316L FLANGE PN25/40 TYPE 11/B1 EN1092-1

Weld neck flange stainless steel 316L Type 11/B1 PN25/40 according to EN 1092-1 for gas or fluids.
To connect valves with flanges PN25/40 (ball valves, gate valves, check valves, strainer...).

Certificate

3.1



Size : DN50 to DN150
Connection : PN25/40
Max Temperature : + 450°C
Max Pressure : 40 bars
Specifications : Raised Face (RF)
Type 11/B1 according to EN 1092-1
Drinking water compatibility

Materials : Forged stainless steel F316L

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SPECIFICATIONS :

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

USE :

- For fluids or gas
- Max Temperature Ts : +450°C
- Max pressure Ps :
 - 40 bars for PN40 types
 - 25 bars for PN25 types

RANGE :

- Weld neck BW stainless steel 316L flange PN25/40 Type 11/B1 **Ref. 4COL40** from DN 50 to DN150

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 1.4404 GROUP 13EO PN25 :

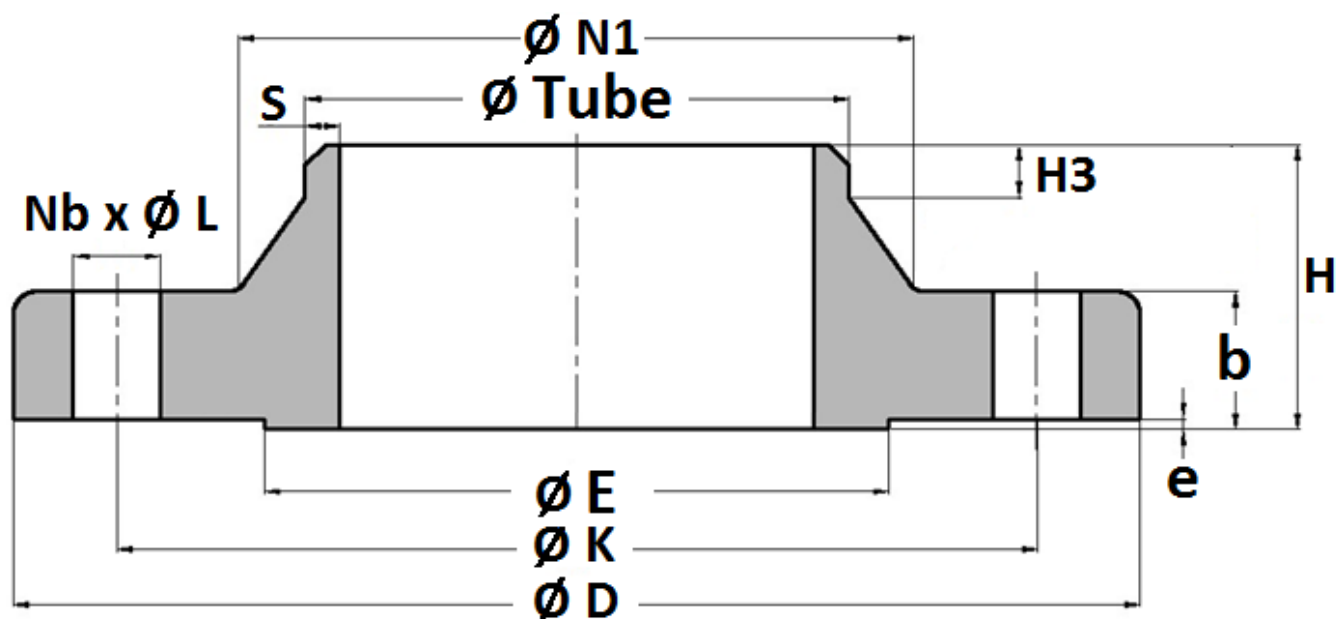
Pressure (bar)	25	23.6	21.5	19.8	18.6	17.2	16.5	16	15.6
Temperature (°C)	20	100	150	200	250	300	350	400	450

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 1.4404 GROUP 13EO PN40 :

Pressure (bar)	40	37.9	34.4	31.8	29.9	27.6	26.4	25.7	25
Temperature (°C)	20	100	150	200	250	300	350	400	450

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SIZE (in mm) :



DN	50	65	80	100	125	150
PN	PN25/40					
$\varnothing E$	102	122	138	162	188	218
$\varnothing N1$	75	90	105	134	162	192
$\varnothing D$	165	185	200	235	270	300
$\varnothing K$	125	145	160	190	220	250
$\varnothing Tube$	60.3	76.1	88.9	114.3	139.7	168.3
$Nb \times \varnothing L$	4 x 18	8 x 18	8 x 18	8 x 22	8 x 26	8 x 26
H	48	52	58	65	68	75
H3	8	10	12	12	12	12
b	20	22	24	24	26	28
e	3	3	3	3	3	3
S	2.9	2.9	3.2	3.6	4	4.5
Weig. (Kg)	2.8	3.4	4.4	5	9.07	11.8
Ref.	4COL4050	4COL4065	4COL4080	4COL40100	4COL40125	4COL40150

WELD NECK BW STAINLESS STEEL 316L FLANGE PN25/40 TYPE 11/B1 EN1092-1**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 EN 1092-1 PN25/40
- Forged stainless steel F316L Group 13EO N° 1.4404 according to EN 10222-5
- 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.