REF. 2COL40

WELD NECK BW STAINLESS STEEL 304L FLANGE PN25/40 TYPE 11/B1 EN1092-1

Weld neck flange stainless steel 304L 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

DRINKING WATER

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 F304L

Information provided as an indication and subject to possible modification

WELD NECK BW STAINLESS STEEL 304L FLANGE PN25/40 TYPE 11/B1 EN1092-1

SPECIFICATIONS :

- Raised Face (RF)
- Weld neck BW type
- Stainless steel F304L (1.4306) Group 10E0

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 304L flange PN25/40 Type 11/B1 **Ref. 2COL40** from DN 50 to DN150

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 GROUP 10EO PN25 :

Pressure (bar)	25	21.5	19.2	17.5	16.3	15.1	14.4	13.8	13.3
Temperature (°C)	20	100	150	200	250	300	350	400	450

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 GROUP 10EO PN40 :

Pressure (bar)	40	34.4	30.8	28	26	24.1	23	22	21.4
Temperature (°C)	20	100	150	200	250	300	350	400	450

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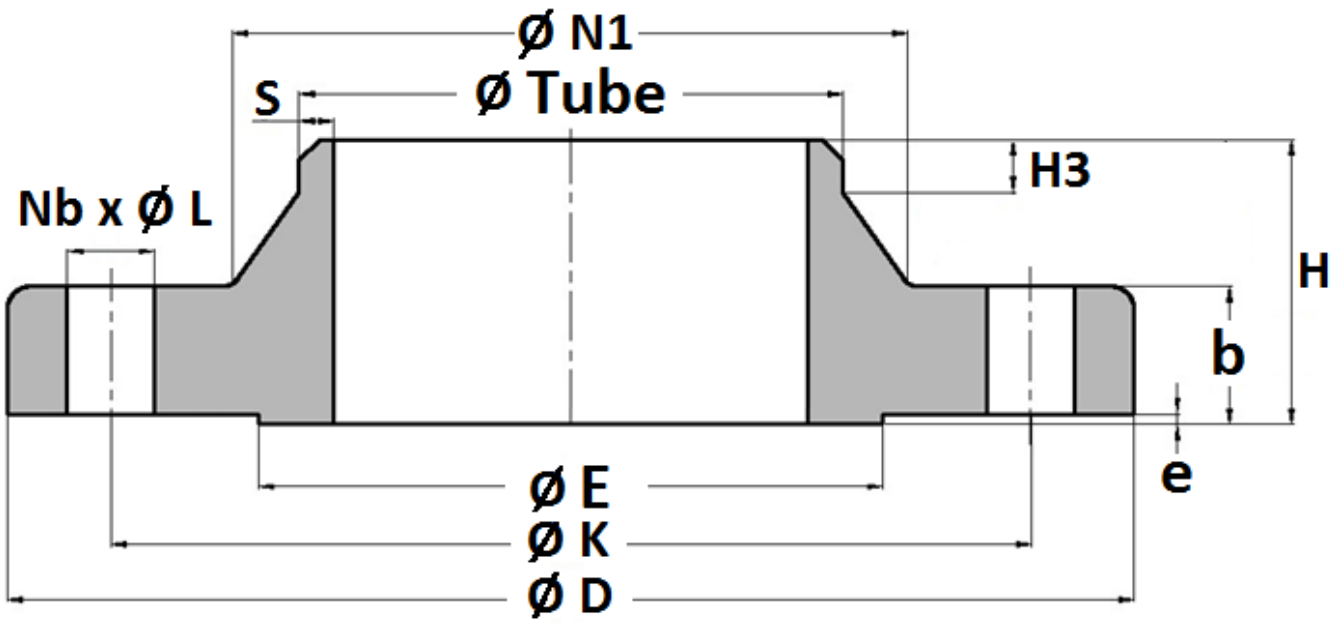
SIZE (in mm) :



DN	50	65	80	100	125	150
PN	PN25/40					
Ø E	102	122	138	162	188	218
Ø N1	75	90	105	134	162	192
Ø D	165	185	200	235	270	300
Ø K	125	145	160	190	220	250
Ø Tube	60.3	76.1	88.9	114.3	139.7	168.3
Nb x ØL	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.	2COL4050	2COL4065	2COL4080	2COL40100	2COL40125	2COL40150

Information provided as an indication and subject to possible modification

WELD NECK BW STAINLESS STEEL 304L 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 F304L Group 10EO N° 1.4306 according to EN 10222-5
- Stainless steel F304L 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.