REF. 2COL

WELD NECK BW STAINLESS STEEL 304L FLANGE PN10/40 TYPE 11/B1 EN1092-1

Weld neck flange stainless steel 304L Type 11/B1 PN10/40 according to EN 1092-1 for gas or fluids.
To connect valves with flanges PN10/40 (ball valves, gate valves, check valves, strainer…).

Certificate

3.1

DRINKING WATER

Size :	DN15 to DN300
Connection :	PN10/40
Max Temperature :	+ 450°C
Max Pressure :	16 to 40 bars according to DN
Specifications :	Raised Face (RF) Type 11/B1 according to EN 1092-1 Drinking water compatibility
Materials :	Forged stainless steel F304L

WELD NECK BW STAINLESS STEEL 304L FLANGE PN10/40 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
  - 16 bars for PN16 types
  - 10 bars for PN10 types

RANGE :

- Weld neck BW stainless steel 304L flange PN10/40 Type 11/B1 **Ref. 2COL** from DN 15 to DN300

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 GROUP 10EO PN10 :

Pressure (bar)	10	8.6	7.7	7	6.5	6	5.7	5.5	5.3
Temperature (°C)	20	100	150	200	250	300	350	400	450

PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 GROUP 10EO PN16 :

Pressure (bar)	16	13.7	12.3	11.2	10.4	9.6	9.2	8.8	8.5
Temperature (°C)	20	100	150	200	250	300	350	400	450

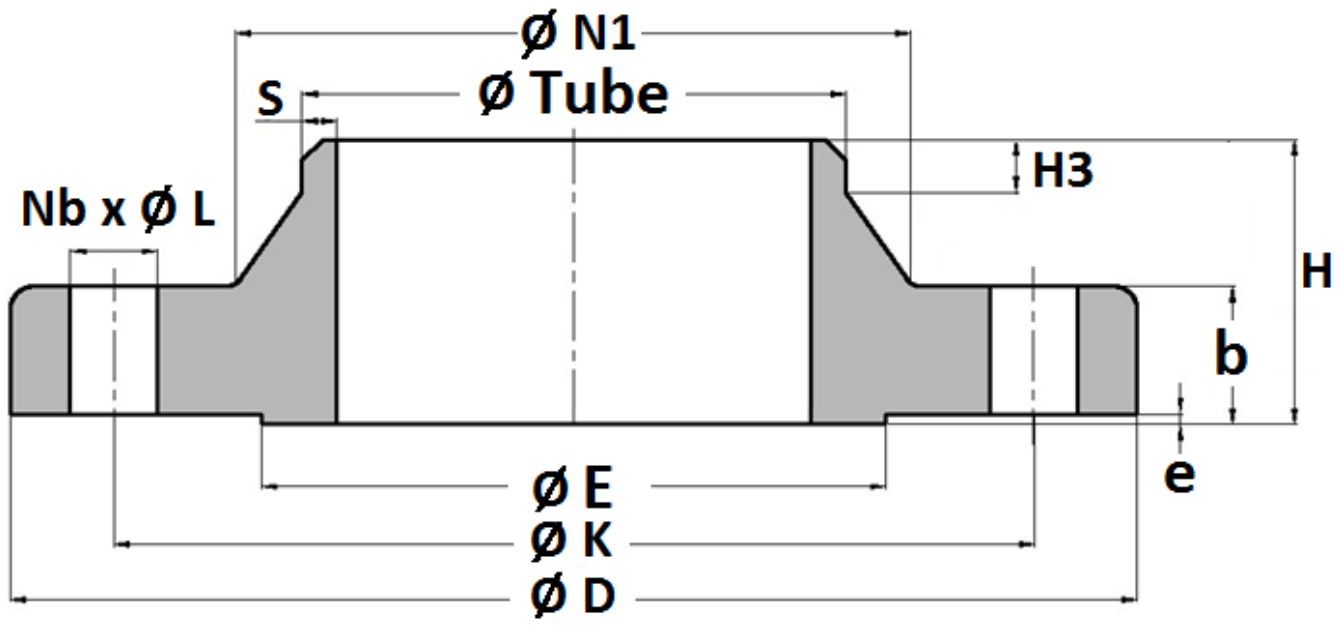
PRESSURE / TEMPERATURE RELATION ACCORDING TO EN 1092-1 GROUP 10EO PN40 :

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

Information provided as an indication and subject to possible modification

WELD NECK BW STAINLESS STEEL 304L FLANGE PN10/40 TYPE 11/B1 EN1092-1

SIZE PN10/40 TYPE 11B1 (in mm) :

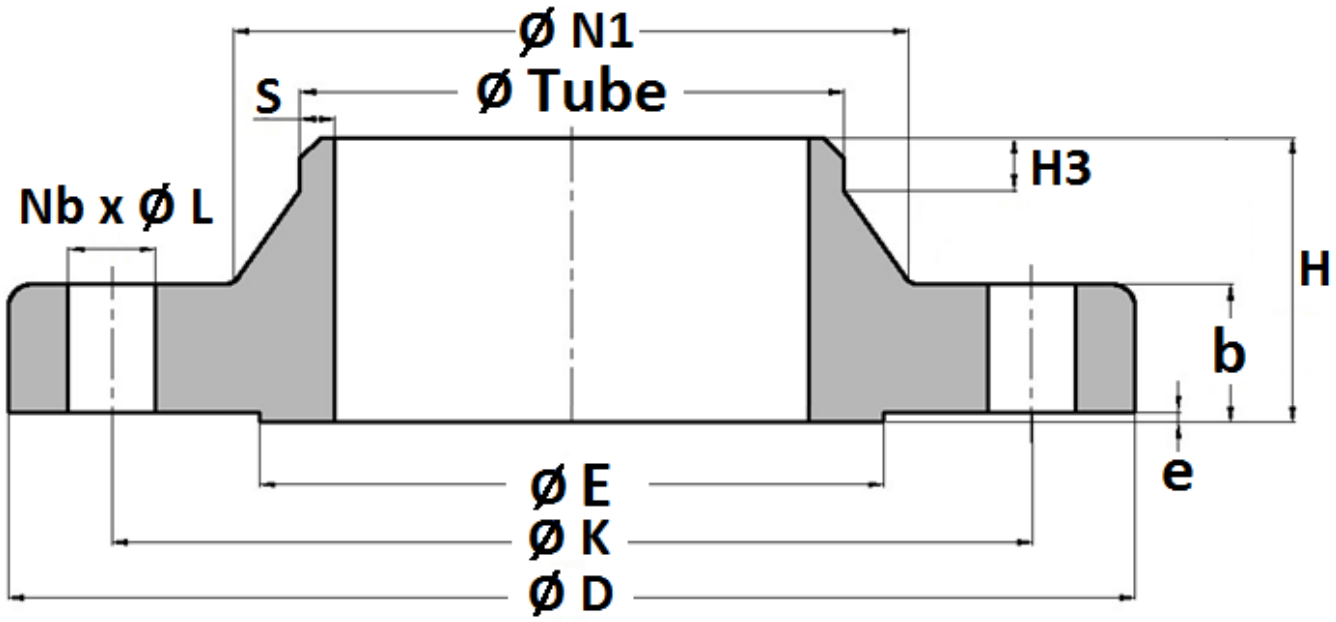


DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
PN	PN10/40					PN10/16						PN16		
Ø E	45	58	68	78	88	102	122	138	158	188	212	268	320	378
Ø N1	32	40	46	56	64	74	92	105	131	156	184	235	292	344
Ø D	95	105	115	140	150	165	185	200	220	250	285	340	405	460
Ø K	65	75	85	100	110	125	145	160	180	210	240	295	355	410
Ø Tube	21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9	115	141.4	167	219.1	273	323.9
Nb x ØL	4 x 14	4 x 14	4 x 14	4 x 18	4 x 18	4 x 18	8 x 18	8 x 18	8 x 18	8 x 18	8 x 22	12 x 22	12 x 26	12 x 26
H	38	40	40	42	45	45	45	50	52	55	55	62	70	78
H3	6	6	6	6	7	8	10	10	12	12	12	16	16	16
b	16	18	18	18	18	18	18	20	20	22	22	24	26	28
e	2	2	2	2	3	3	3	3	3	3	3	3	3	4
S	2	2.3	2.6	2.6	2.6	2.9	2.9	3.2	3.6	4	4.5	6.3	6.3	7.1
Weig. (Kg)	0.7	1	1.2	1.75	1.85	2.55	3.1	4	4.55	6.2	7.8	11	16.5	22
Ref.	2COL15	2COL20	2COL25	2COL32	2COL40	2COL50	2COL65	2COL80	2COL100	2COL125	2COL150	2COL16200	2COL16250	2COL16300

Information provided as an indication and subject to possible modification

WELD NECK BW STAINLESS STEEL 304L FLANGE PN10/40 TYPE 11/B1 EN1092-1

SIZE PN10 TYPE 11B1 (in mm) :



DN	200	250	300
PN	PN10		
Ø E	268	320	370
Ø N1	234	292	342
Ø D	340	395	445
Ø K	295	350	400
Ø Tube	219.1	273	323.9
Nb x ØL	8 x 22	12 x 22	12 x 22
H	62	68	68
H3	16	16	16
b	24	26	26
e	3	3	4
S	6.3	6.3	7.1
Weig. (Kg)	11	14.7	17.4
Ref.	2COL200	2COL250	2COL300

Information provided as an indication and subject to possible modification

WELD NECK BW STAINLESS STEEL 304L FLANGE PN10/40 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 PN10/40
- 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.