REF. 2155 BCSEM

WELD NECK SPIGOT CARBON STEEL FLANGE TYPE 11/E PN10/40 EN1092-1 EXCELLENCE RANGE

Weld neck spigot carbon steel flange type 11/E 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

WARRANTY 3 years MANUFACTURING *

Size :	DN15 to DN200
Connection :	Flanges PN10/40
Max Temperature :	+ 450°C
Max Pressure :	40 bars
Specifications :	Weld-neck flange Spigot Weld neck BW type Type 11/E
Materials :	Forged carbon steel P245GH

*the installation defects and wear defects are not covered by the guarantee

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Information provided as an indication and subject to possible modification

WELD NECK SPIGOT CARBON STEEL FLANGE TYPE 11/E PN10/40 EN1092-1 EXCELLENCE RANGE

SPECIFICATIONS :

- Spigot flange facing
- Wedling neck BW flange type 11/E
- Forged carbon steel P245GH

USE :

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

RANGE :

- Weld neck BW forged carbon steel P245GH flange PN25/40 type 11/E Spigot **Ref. 2155 BCSEM** from DN 15 to DN200

PRESSURE TEMPERATURE RELATION ACCORDING TO EN 1092-1 CARBON STEEL P245GH GROUP 3EO PN25 :

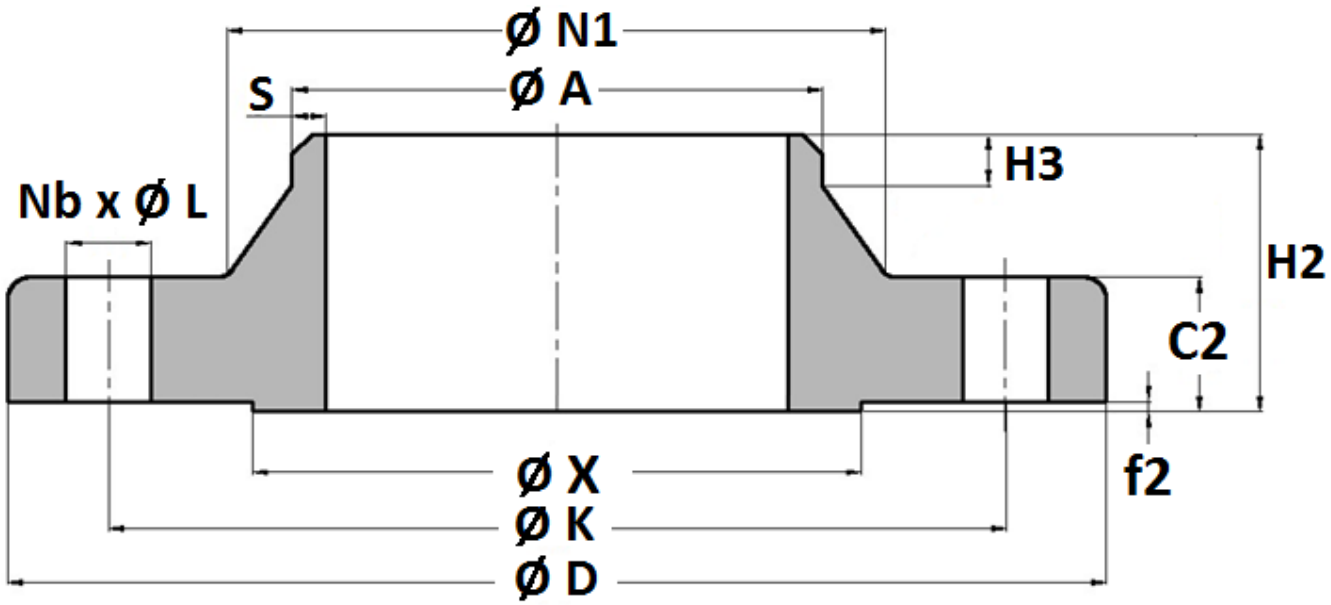
Pressure (bar)	25	23.2	22	20.8	19	17.2	16	14.8	8.2
Temperature (°C)	20	100	150	200	250	300	350	400	450

PRESSURE TEMPERATURE RELATION ACCORDING TO EN 1092-1 CARBON STEEL P245GH GROUP 3EO PN40 :

Pressure (bar)	40	37.1	35.2	33.3	30.4	27.6	25.7	23.8	13.1
Temperature (°C)	20	100	150	200	250	300	350	400	450

WELD NECK SPIGOT CARBON STEEL FLANGE TYPE 11/E PN10/40 EN1092-1 EXCELLENCE RANGE

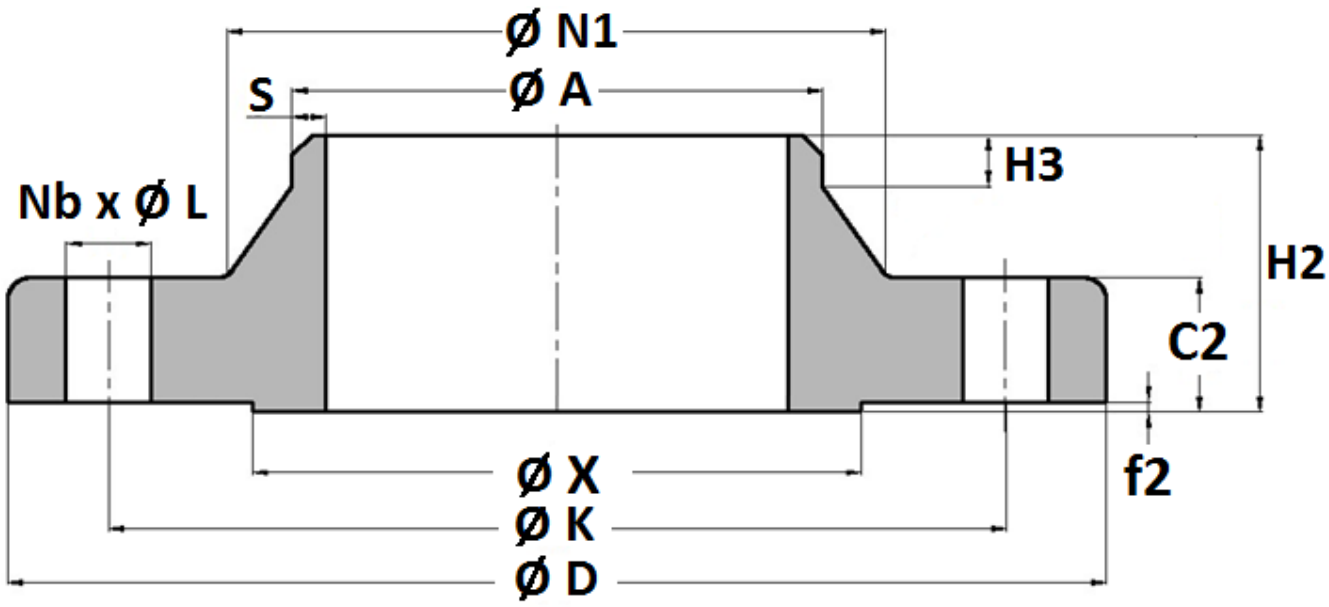
SIZE PN10/40 FLANGES TYPE 11E REF.2155 (in mm) :



DN	15	20	25	32	40	50	65	80	100	125	150	200
PN	PN10/40					PN25/40						PN40
Ø X	39	50	57	65	75	87	109	120	149	175	203	259
Ø N1	32	40	46	56	64	75	90	105	134	162	192	244
Ø D	95	105	115	140	150	165	185	200	235	270	300	375
Ø K	65	75	85	100	110	125	145	160	190	220	250	320
Ø A	21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9	114.3	139.7	168.3	219.1
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 22	8 x 26	8 x 26	12 x 30
H2	38	40	40	42	45	48	52	58	65	68	75	88
H3	6	6	6	6	7	8	10	12	12	12	12	16
C2	16	18	18	18	18	20	22	24	24	26	28	34
f2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5	5	5	5
S	2	2.3	2.6	2.6	2.6	2.9	2.9	3.2	3.6	4	4.5	6.3
Weig. (Kg)	0.65	0.95	1.14	1.69	1.86	2.9	3.8	4.85	6.5	9	12	21
Ref.	2155015	2155020	2155025	2155032	2155040	2155050	2155065	2155080	2155100	2155125	2155150	2155201

WELD NECK SPIGOT CARBON STEEL FLANGE TYPE 11/E PN10/40 EN1092-1 EXCELLENCE RANGE

SIZE PN25 FLANGES TYPE 11E REF.2155 (in mm) :



DN	200
PN	PN25
Ø X	259
Ø N1	244
Ø D	360
Ø K	310
Ø A	219.1
Nb x ØL	12 x 26
H2	80
H3	16
C2	30
f2	5
S	6.3
Weight (Kg)	17
Ref.	2155200

WELD NECK SPIGOT CARBON STEEL FLANGE TYPE 11/E PN10/40 EN1092-1 EXCELLENCE RANGE

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 carbon steel P245GH Group 3EO N° 1.0352 according to EN 10222-2

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.