

WELD NECK CARBON STEEL FLANGE TYPE 11/B1 PN10/40 EN1092-1 EXCELLENCE RANGE

Weld neck carbon steel flange 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



Size : DN15 to DN200
Connection : Flanges PN10/40 RF
Max Temperature : + 450°C
Max Pressure : 40 bars
Specifications : Raised Face (RF)
Weld neck BW type
Type 11/B1

Materials : Forged carbon steel P245GH

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

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SPECIFICATIONS :

- Raised face (RF)
- Welding neck BW flange type 11/B1
- 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 PN10/40 type 11/B1 **Ref. 2105** from DN 15 to DN40
- Weld neck BW forged carbon steel P245GH flange PN25/40 type 11/B1 **Ref. 2105** from DN 50 to DN200

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

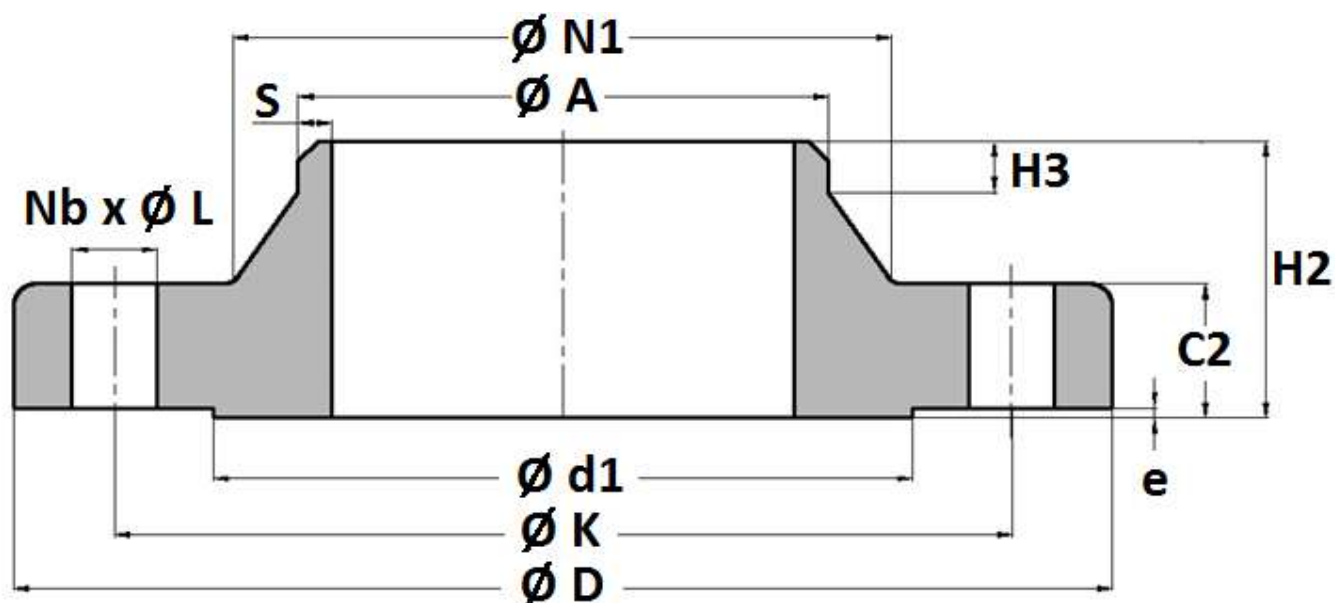
Pressure (bar)	25	23.2	22	20.8	19	17.2	16	14.8	8.2
Temperature (°C)	20	100	150	200	250	300	350	400	450

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

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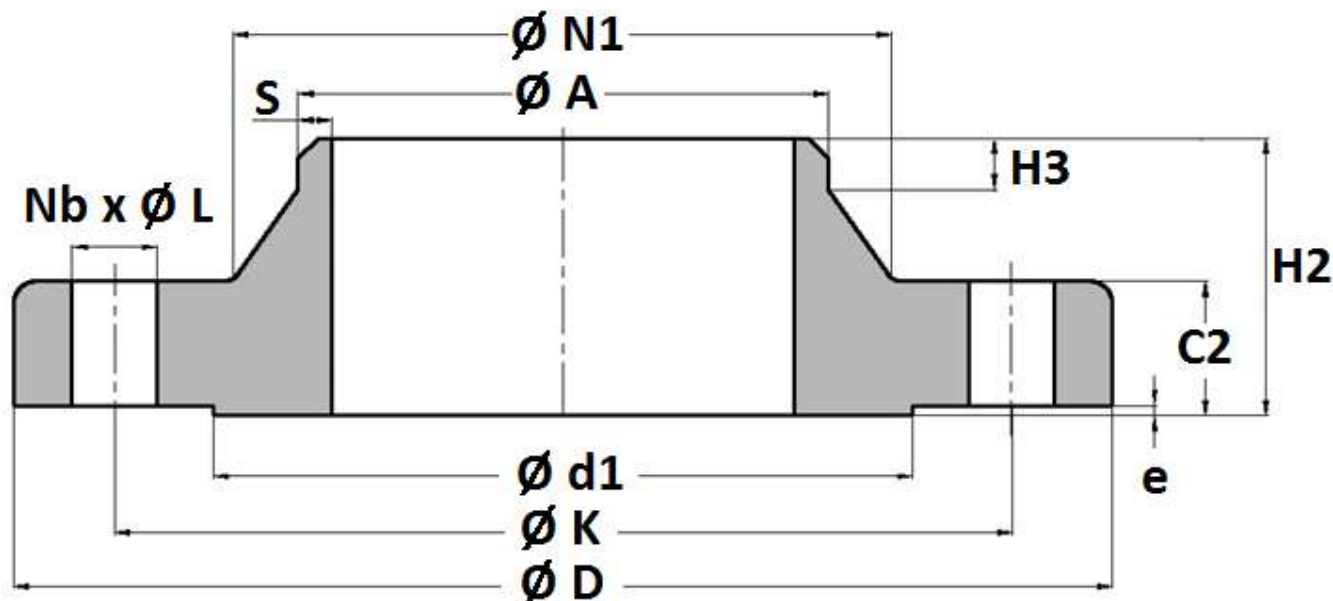
SIZE PN40 FLANGES TYPE 11B1 REF.2105 (in mm) :



DN	15	20	25	32	40	50	65	80	100	125	150	200
PN	PN10/40					PN25/40						PN40
$\varnothing d1$	45	58	68	78	88	102	122	138	162	188	218	285
$\varnothing N1$	32	40	46	56	64	75	90	105	134	162	192	244
$\varnothing D$	95	105	115	140	150	165	185	200	235	270	300	375
$\varnothing K$	65	75	85	100	110	125	145	160	190	220	250	320
$\varnothing A$	21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9	114.3	139.7	168.3	219.1
$Nb \times \varnothing L$	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
e	2	2	2	2	3	3	3	3	3	3	3	3
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)	0.75	1.06	1.3	1.88	2.33	2.82	3.74	4.75	6.52	9.07	11.8	21.5
Ref.	2105015	2105020	2105025	2105032	2105040	2105050	2105065	2105080	2105100	2105125	2105150	2105201

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SIZE PN25 FLANGES TYPE 11B1 REF.2105 (in mm) :



DN	200
PN	PN25
$\varnothing d1$	278
$\varnothing N1$	244
$\varnothing D$	360
$\varnothing K$	310
$\varnothing A$	219.1
$Nb \times \varnothing L$	12 x 26
H2	80
H3	16
C2	30
e	3
S	6.3
Weight (Kg)	17.1
Ref.	2105200

**WELD NECK CARBON STEEL FLANGE TYPE 11/B1 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.