

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

Weld neck recess carbon steel flange type 11/F 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
Max Temperature : + 450°C
Max Pressure : 40 bars
Specifications : Weld-neck flange Recess
Weld neck BW type
Type 11/F

Materials : Forged carbon steel P245GH

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

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Rev.01

Information provided as an indication and subject to possible modification



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SPECIFICATIONS :

- Recess flange facing
- Welding neck BW flange type 11/F
- 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/F Recess **Ref. 2156 BCSEF** from DN 15 to DN200

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

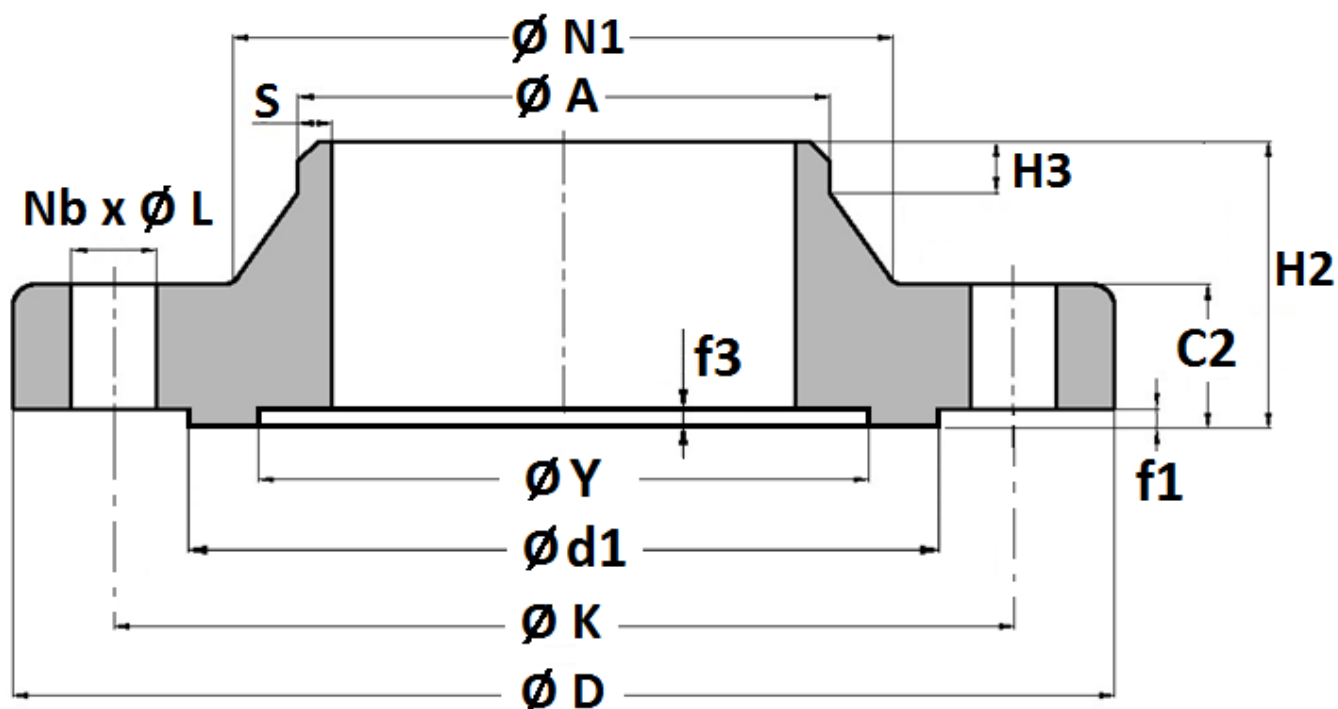
Pressure (bar)	25	23.2	22	20.8	19	17.2	16	14.8	8.2
Temperature (°C)	20	100	150	200	250	300	350	400	450

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

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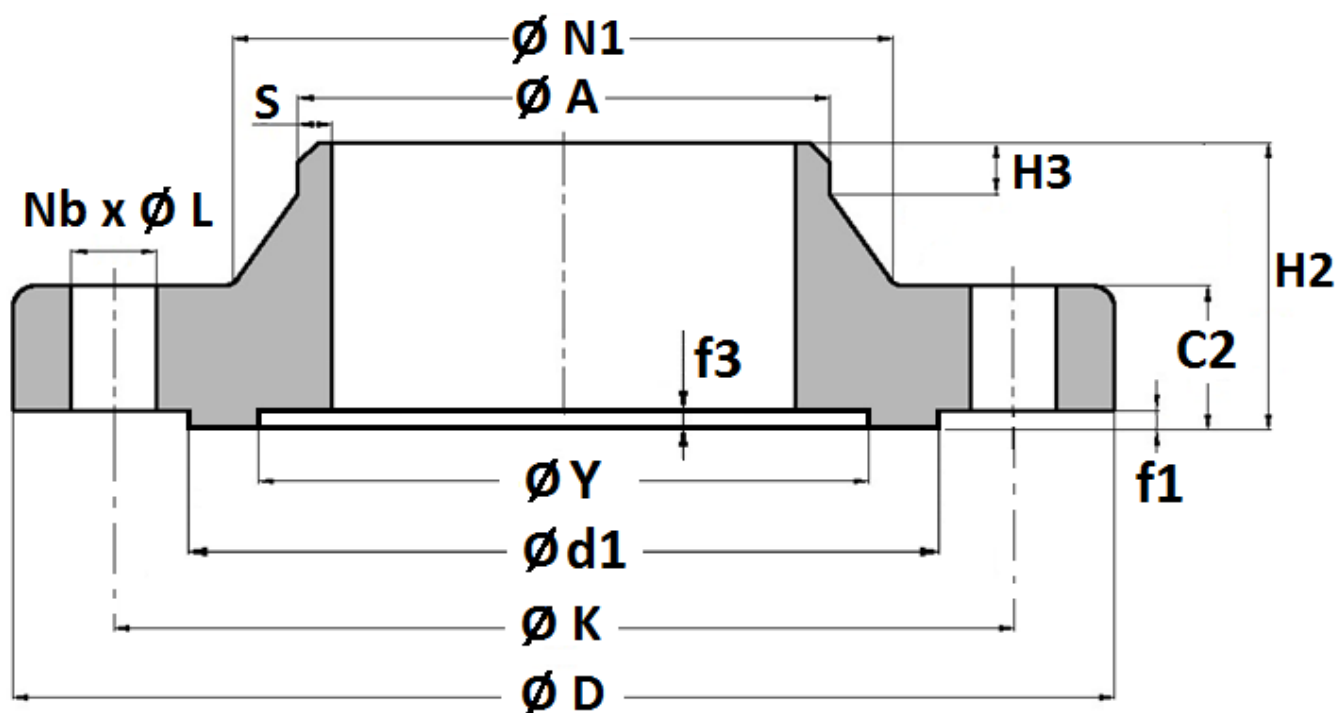
SIZE PN10/40 FLANGES TYPE 11F REF.2156 (in mm) :



DN	15	20	25	32	40	50	65	80	100	125	150	200
PN	PN10/40					PN25/40						PN40
Ø Y	40	51	58	66	76	88	110	121	150	176	204	260
Ø d1	45	58	68	78	88	102	122	138	162	188	218	285
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
f1	2	2	2	2	3	3	3	3	3	3	3	3
f3	4	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5
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.	2156015	2156020	2156025	2156032	2156040	2156050	2156065	2156080	2156100	2156125	2156150	2156201

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SIZE PN25 FLANGES TYPE 11F REF.2156 (in mm) :



DN	200
PN	25
Ø Y	260
Ø d1	278
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
f1	3
f3	4.5
S	6.3
Weight (Kg)	17
Ref.	2156200



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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.