

Datasheet

Description

Pl. Flange, DIN2576-B/EN1092-1-01-A
PN10, S235JR, certificate 3.1

Main data

DN 20/ 25.00 mm

D	105.00 mm
H2	16.00 mm
L	4 x 14.00 mm



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: S235JR

Mat. grade: 1.0038

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.17		1.40	0.035	0.035		0.55						N

Mechanical properties

Short name: S235JR

Mat. grade: 1.0038

Upper yield strength reH or Rp0.2 min for wallthicknesses T in mm, N/mm2 at room temperature		Tensile strength Rm for wallthickn. T in mm, N/mm2 at room temperature		Elongation A at room- temperature, min. %		Min. impact energy KV in J	
T ≤ 16	16 < T ≤ 60	T ≤ 16	16 < T ≤ 60	Longit.	Transv.	Longit.	Transv.
235	225	360-510	360-510	24	22		27

Sources: EN 10253, DIN 17175, DIN 2528, DIN 1629, Stahlschlüssel, ASTM