

Datasheet

Description

WN flange, EN1092-1-11-B1, PN
16, 1.4404, certificate 3.1

Main data

DN 100/ 114.30 x 3.60 mm

d1	114.30 mm
S	3.60 mm
D	220.00 mm
H2	52.00 mm
L	8 x 18.00 mm



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 1.4404

Mat. grade: 1.4404

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.03	1.00	2.00	0.045	0.015	18.5		2.50		13.0			N

Mechanical properties

Short name: 1.4404

Mat. grade: 1.4404

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.
		490-690	490-690	40	30	100	60

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