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# Datasheet

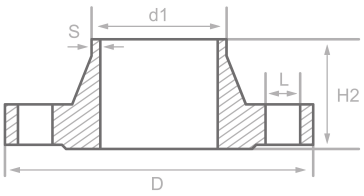
## Description

WN flange, DIN2631-C/EN1092-1-11-B1
PN6, P250GH, certificate 3.1

## Main data

DN 450/ 457.00 x 7.10 mm

| | |
|---|---|
| d1 | 457.00 mm |
| S | 7.10 mm |
| D | 595.00 mm |
| H2 | 65.00 mm |
| L | 16 x 22.00 mm |






## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: P250GH

Mat. grade: 1.0460

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.23 | 0.40 | 0.90 | 0.025 | 0.015 | 0.30 | 0.30 | 0.08 | 0.02 | 0.30 | 0.03 | 0.02 | Al |

## Mechanical properties

Short name: P250GH
Mat. grade: 1.0460

| 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. |
| 240 | 240 | 410-540 | 410-540 | 25 | | 44 | |

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

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