

# Datasheet

## Description

Pl. Flange, DIN2573-B/EN1092-1-01-A  
PN6, P250GH, certificate 3.1

## Main data

DN 100/ 114.30 mm

|    |              |
|----|--------------|
| D  | 210.00 mm    |
| H2 | 18.00 mm     |
| L  | 4 x 18.00 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<br>for wallthicknesses T in mm, N/mm2 at room temperature |          | Tensile strength Rm for wallthickn. T<br>in mm, N/mm2 at room temperature |          | Elongation A at room-<br>temperature, min.% |         | Min. impact energy<br>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