

# Datasheet

## Description

Blockflange, DIN28117-A from plate,  
PN40, P265GH, cert. 3.1 for  
raw-material

## Main data

DN 80

|    |           |
|----|-----------|
| D  | 200.00 mm |
| d6 | 80.00 mm  |
| b  | 30.00 mm  |
| L  | 8 x M16   |



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: P265GH

Mat. grade: 1.0425

| C    | Si   | Mn   | P     | S     | Cr   | Cu   | Mo   | Nb   | Ni   | Ti   | V    | Others |
|------|------|------|-------|-------|------|------|------|------|------|------|------|--------|
| 0.20 | 0.40 | 1.40 | 0.025 | 0.020 | 0.30 | 0.30 | 0.08 | 0.01 | 0.30 | 0.04 | 0.02 | Al     |

## Mechanical properties

Short name: P265GH

Mat. grade: 1.0425

| 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. |
| 265                                                                                             | 255      | 410-570                                                                   | 410-570  | 23                                          | 21      | 40                            | 27      |

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