

# Datasheet

## Description

Elbows, DIN2605/EN10253-2-A-3D-90°  
16Mo3, certificate 3.1

## Main data

Type 3/LR, 90°, 48.30 x 6.30

|   |          |
|---|----------|
| D | 48.30 mm |
| S | 6.30 mm  |
| r | 57.00 mm |



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 16Mo3

Mat. grade: 1.5415

| C    | Si   | Mn   | P     | S     | Cr   | Cu   | Mo   | Nb | Ni   | Ti | V | Others |
|------|------|------|-------|-------|------|------|------|----|------|----|---|--------|
| 0.20 | 0.35 | 0.90 | 0.025 | 0.020 | 0.30 | 0.30 | 0.35 |    | 0.30 |    |   | Al     |

## Mechanical properties

Short name: 16Mo3

Mat. grade: 1.5415

| 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. |
| 280                                                                                             | 270      | 450-600                                                                   | 450-600  | 22                                          | 20      |                               |         |

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