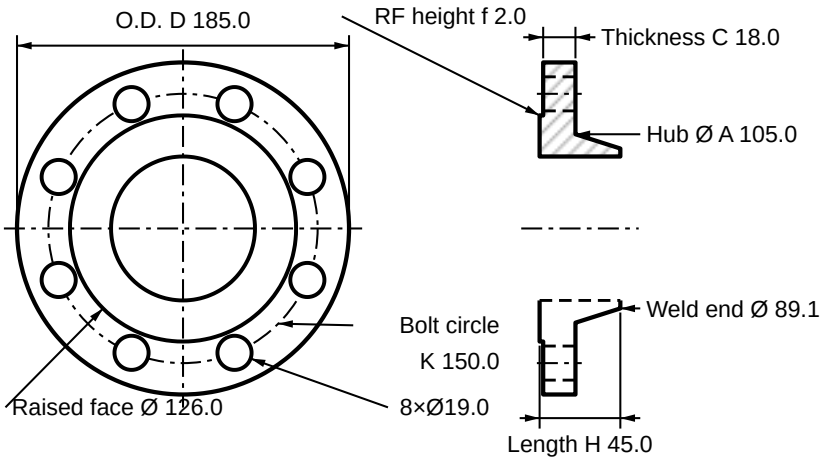
JIS B2220 · JIS B2220:2012

# JIS B2220 10K 80A Weld Neck

DN80 · Weld Neck · Dimensions mm · Weight kg

**JIS B2220 · 80A (DN80) · 10K · Weld Neck Flange**




Both views share one scale (1:2.9); schematic only

Unit: mm

| Symbol | Item | Value |
|---|---|---|
| D | Outside diameter | 185 mm |
| C | Flange thickness / blind thickness | 18 mm |
| D2 | Raised face diameter | 126 mm |
| f | Raised face height | 2 mm |
| K | Bolt circle diameter | 150 mm |
| n | Number of bolt holes | 8 pcs |
| d | Bolt hole diameter | 19 mm |
| A | Hub diameter | 105 mm |
| H | Hub length / overall length | 45 mm |
| B | Welding-end diameter | 89.1 mm |

## PRESSURE–TEMPERATURE RATINGS · 10K · GROUP 1.1

| ≤ 120 °C | 220 °C | 300 °C |
|---|---|---|
| 1.4 MPa | 1.2 MPa | 1.0 MPa |

Source: Table 11 (pp. 15–16) — pressure-temperature rating, maximum working pressure in MPa; Group 1.1.

## MATERIAL AND NOTES

**Base material:** SS400 / S25C (Japan, Korea, South-East Asia, marine and shipbuilding)

**Rating:** JIS K ratings are kgf/cm² nominal: 5K ≈ 0.5 MPa, 10K ≈ 1.0 MPa, 16K ≈ 1.6 MPa, 20K ≈ 2.0 MPa and 30K ≈ 3.0 MPa. The published maximum working pressure is higher or lower than the nominal figure depending on material group and division — for material…

**Tolerances / marking:** Tolerances, material groups and marking: JIS B2220:2012, including Table 11.

## NOTES / SPECIAL REQUIREMENTS

Work order _____ Inspector _____ Date _____ Travels with the part; file after inspection

**Source:** JIS B2220:2012; dimensions transcribed from JIS B2220:2012, verified 2026-11-04. Sheet #1115.

This sheet is a factual compilation of published standards tables and is not a substitute for the standard itself. Verify dimensions and ratings against the edition named in your purchase specification before quoting, manufacturing or inspecting a critical part.

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