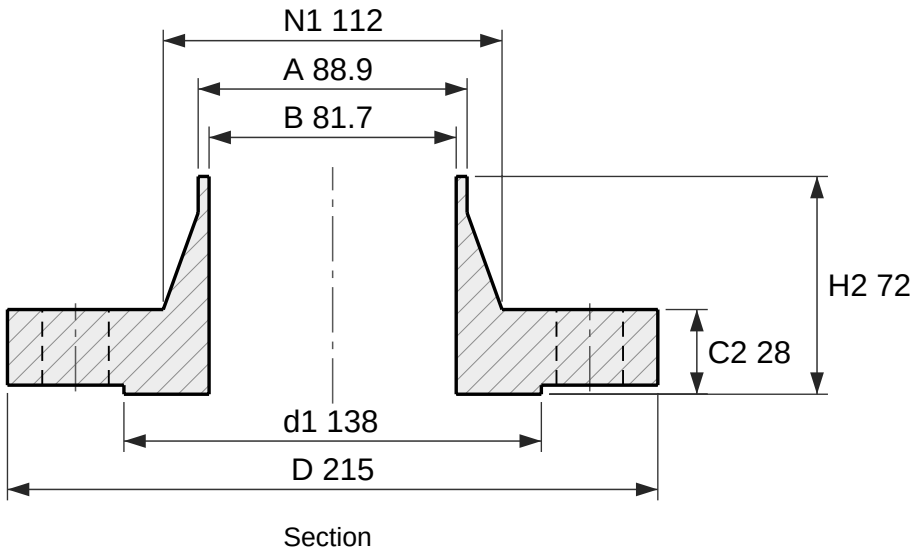
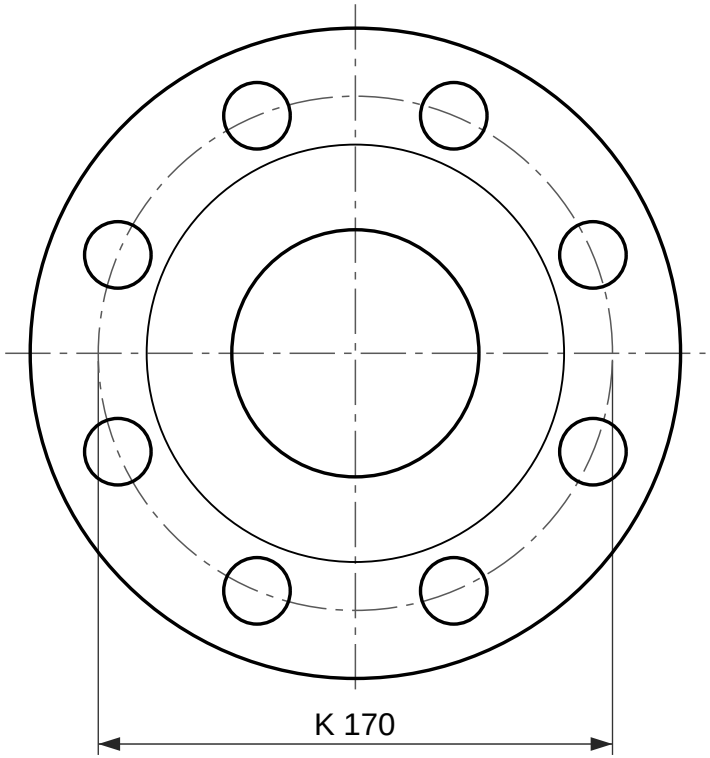
**Approx. weight**

| Material | kg | lb |
|---|---|---|
| Carbon steel | 6.5 | 14.3 |
| Stainless steel 304 and 304L | 6.5 | 14.4 |
| Stainless steel 316 and 316L | 6.6 | 14.6 |

Densities 7.85, 7.9 and 8.0 g/cm3.
Calculated from the dimensions as the standard gives them, with no allowance for tolerance.




Section




8 holes Ø22

Face view

# Weld neck flange, EN 1092-1 type 11, PN 63

DN 80, facing type B1 (raised face), neck 88.9 × 3.6

Designation: Flange EN 1092-1/11/B1/DN 80/PN 63
Dimensions per EN 1092-1:2018, Table 16 (PN 63) and Table 8 (facing) and Annex A (wall thickness); tolerances per EN 1092-1.
C2 and H2 include the raised face f1, as EN 1092-1 measures it.
S is the minimum neck wall, from Annex A Table A.1; drawn at 3.6 mm. State the pipe wall in the order (for example DN 80 × 3.6).
Reference drawing. The purchase order and EN 1092-1 govern.
Generated at rajendradatacenter.com/flanges/en-1092-1/

| Dimension | mm | in |
|---|---|---|
| D Outside diameter | 215 | 8.46 |
| d1 Raised face diameter | 138 | 5.43 |
| f1 Raised face height | 3 | 0.12 |
| C2 Flange thickness, raised face included | 28 | 1.10 |
| H2 Length through hub, raised face included | 72 | 2.83 |
| N1 Hub diameter at back face | 112 | 4.41 |
| A Neck outside diameter (pipe OD) | 88.9 | 3.50 |
| S Neck wall thickness (min) | 3.6 | 0.14 |
| B Bore, A - 2S | 81.7 | 3.22 |
| K Bolt circle diameter | 170 | 6.69 |
| L Bolt holes, 8 off | 22 | 0.87 |

8 bolts M20; holes 22 mm (0.87 in)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.com
Drawing RIC-EN1092-11-PN63-DN80-B1
Scale 1:2.5 on A4
Units: mm (inches)
Date 2026-11-22
Quote: rajendradatacenter.com/rfq/
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