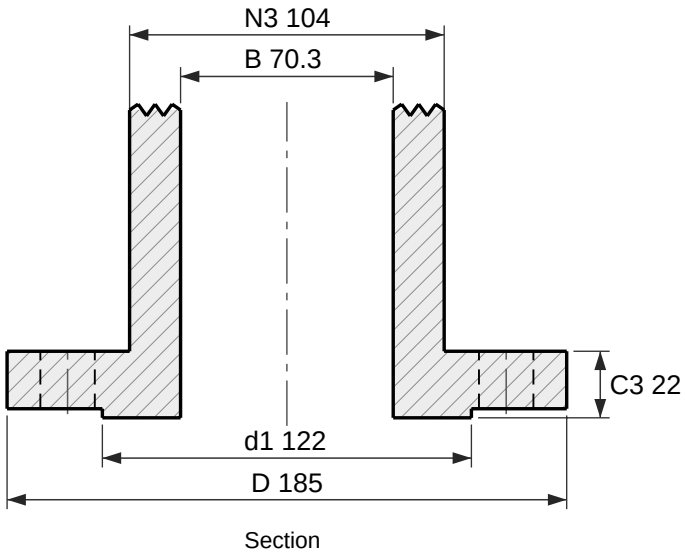
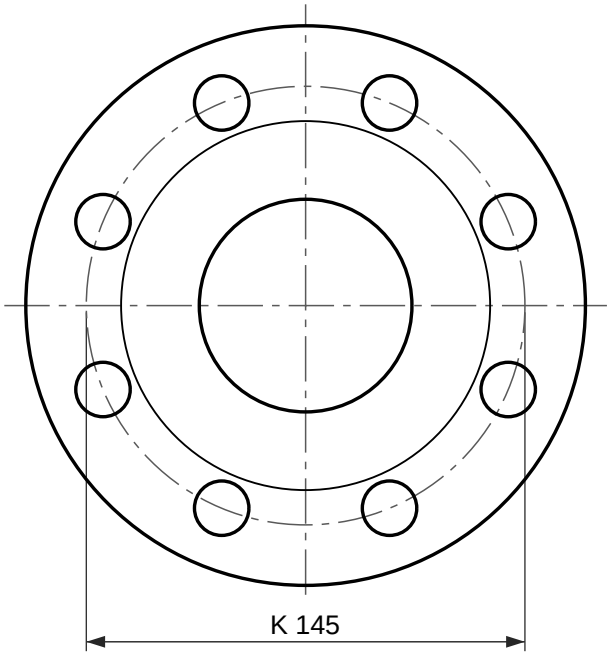
**Approx. weight**

| Material | kg | lb |
|---|---|---|
| Carbon steel | 6.2 | 13.7 |
| Stainless steel 304 and 304L | 6.2 | 13.8 |
| Stainless steel 316 and 316L | 6.3 | 13.9 |

Densities 7.85, 7.9 and 8.0 g/cm3.
Calculated from the nominal dimensions, to the break shown: EN 1092-1 gives this type no length of its own.



Section



8 holes Ø18

Face view

# Integral flange, EN 1092-1 type 21, PN 40

DN 65, facing type B1 (raised face)

Designation: Flange EN 1092-1/21/B1/DN 65/PN 40
Dimensions per EN 1092-1:2018, Table 15 (PN 40) and Table 8 (facing) and Annex A (wall thickness); tolerances per EN 1092-1.
C3 includes the raised face f1, as EN 1092-1 measures it.
An integral flange is machined into the vessel, valve or fitting it belongs to, so EN 1092-1 gives it no length and no bore: both come from that component. The neck is drawn to a break.
EN 1092-1 gives PN 40 the same dimensions as PN 25 in DN 65; only the marking differs.
Reference drawing. The purchase order and EN 1092-1 govern.
Generated at rajendradatacenter.com/flanges/en-1092-1/

| Dimension | mm | in |
|---|---|---|
| D Outside diameter | 185 | 7.28 |
| d1 Raised face diameter | 122 | 4.80 |
| f1 Raised face height | 3 | 0.12 |
| C3 Flange thickness, raised face included | 22 | 0.87 |
| N3 Hub diameter at back face | 104 | 4.09 |
| B Bore: EN 1092-1 does not specify it for this ty | 70.3 | 2.77 |
| K Bolt circle diameter | 145 | 5.71 |
| L Bolt holes, 8 off | 18 | 0.71 |

8 bolts M16; holes 18 mm (0.71 in)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.com
Drawing RIC-EN1092-21-PN40-DN65-B1
Scale 1:2.5 on A4
Units: mm (inches)
Date 2026-11-22
Quote: rajendradatacenter.com/rfq/
sales@rajendradatacenter.com
+91 74338 71355