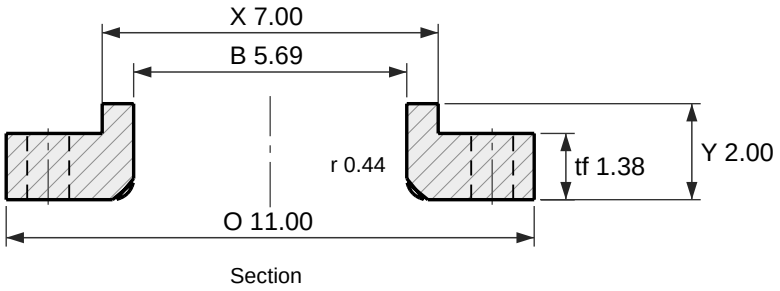
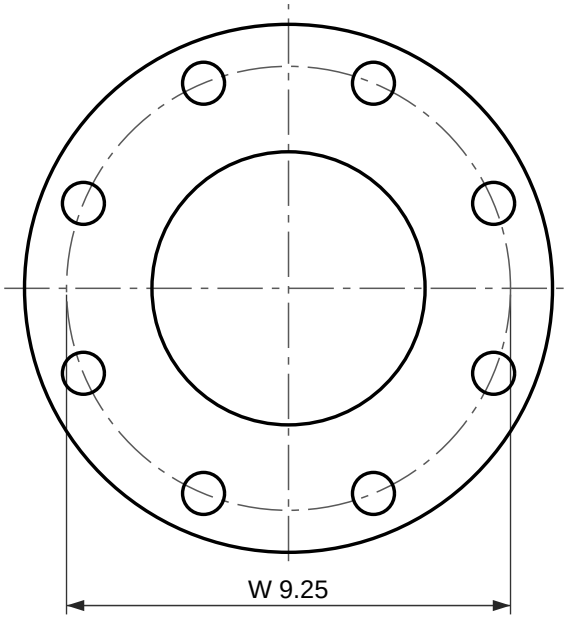
Approx. weight

Material	lb	kg
Carbon steel	27.0	12.3
Stainless steel 304 and 304L	27.2	12.3
Stainless steel 316 and 316L	27.5	12.5

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 Ø0.88
Face view

Lap joint flange, ASME B16.5 Class 300

NPS 5 (DN 125)

Dimensions per ASME B16.5-2025, inches and millimetres as the standard's own tables give them.
Lap joint flange: no raised face; it seats on the stub end lap.
Reference drawing. The purchase order and ASME B16.5 govern. Check the latest edition.
Generated at rajendradatacenter.us/flanges/lap-joint/

Dimension	in	mm
O Outside diameter	11.00	279
tf Flange thickness	1.38	35.1
Y Length through hub	2.00	51
X Hub diameter at base	7.00	178
B Bore	5.69	144.5
r Corner radius of bore	0.44	11
W Bolt circle diameter	9.25	235
h Bolt holes, 8 off	0.88	22.2

8 stud bolts of 3/4 in; holes 0.88 in (22.2 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ300-5
Scale 1:4 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355