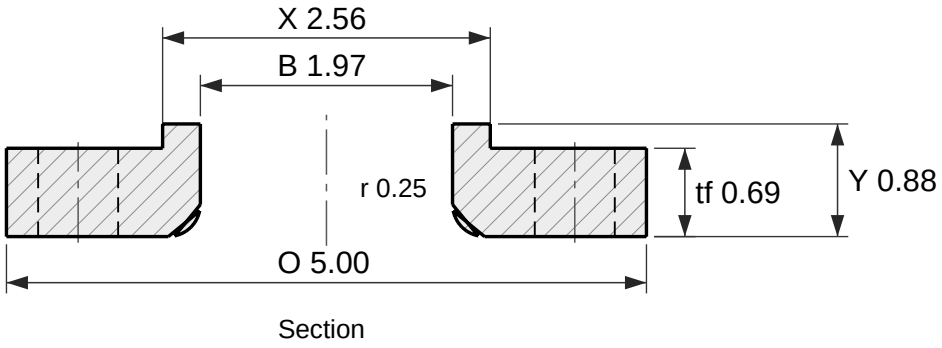
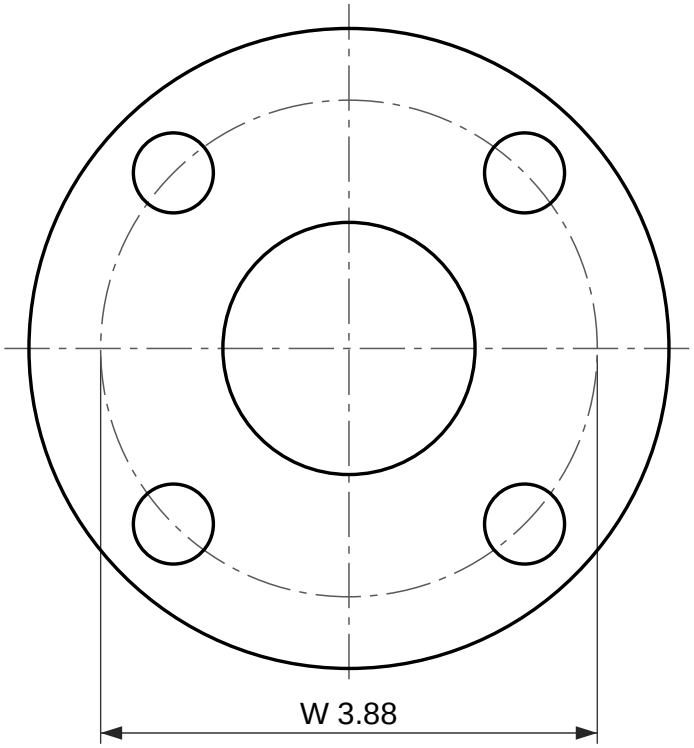
Approx. weight

Material	lb	kg
Carbon steel	3.0	1.4
Stainless steel 304 and 304L	3.1	1.4
Stainless steel 316 and 316L	3.1	1.4

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



4 holes Ø0.62

Face view

Lap joint flange, ASME B16.5 Class 150

NPS 1-1/2 (DN 40)

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	5.00	127
tf Flange thickness	0.69	17.5
Y Length through hub	0.88	22
X Hub diameter at base	2.56	65
B Bore	1.97	50
r Corner radius of bore	0.25	6
W Bolt circle diameter	3.88	98.6
h Bolt holes, 4 off	0.62	15.9

4 stud bolts of 1/2 in; holes 0.62 in (15.9 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ150-1.5
Scale 1:1.5 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355