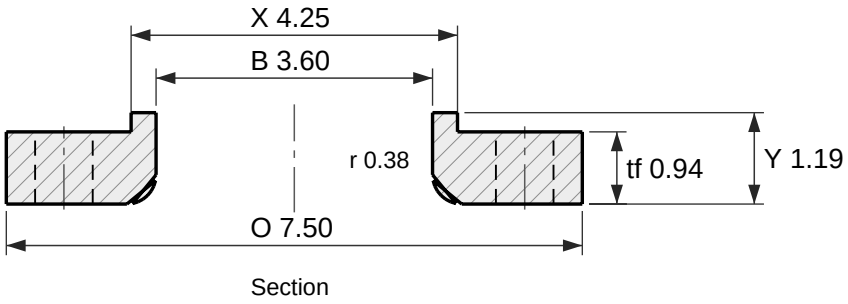
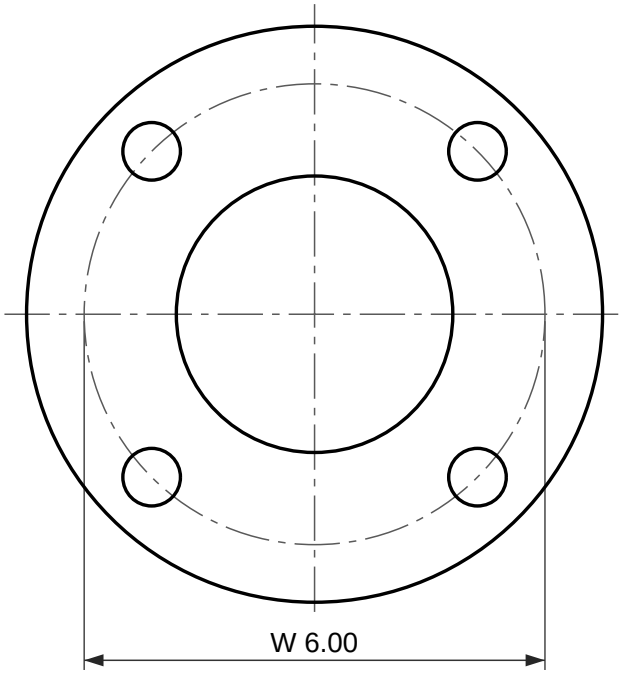
Approx. weight

Material	lb	kg
Carbon steel	8.6	3.9
Stainless steel 304 and 304L	8.6	3.9
Stainless steel 316 and 316L	8.7	4.0

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 Ø0.75
Face view

Lap joint flange, ASME B16.5 Class 150

NPS 3 (DN 80)

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	7.50	190
tf Flange thickness	0.94	23.9
Y Length through hub	1.19	30
X Hub diameter at base	4.25	108
B Bore	3.60	91.4
r Corner radius of bore	0.38	10
W Bolt circle diameter	6.00	152.4
h Bolt holes, 4 off	0.75	19.1

4 stud bolts of 5/8 in; holes 0.75 in (19.1 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ150-3
Scale 1:2.5 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355