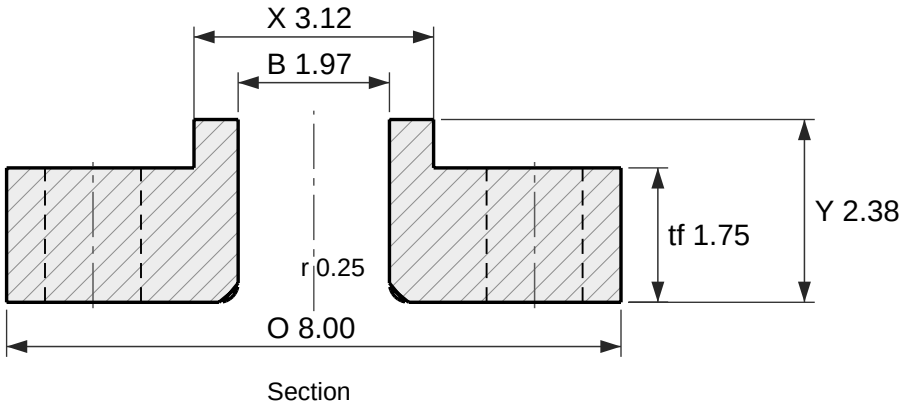
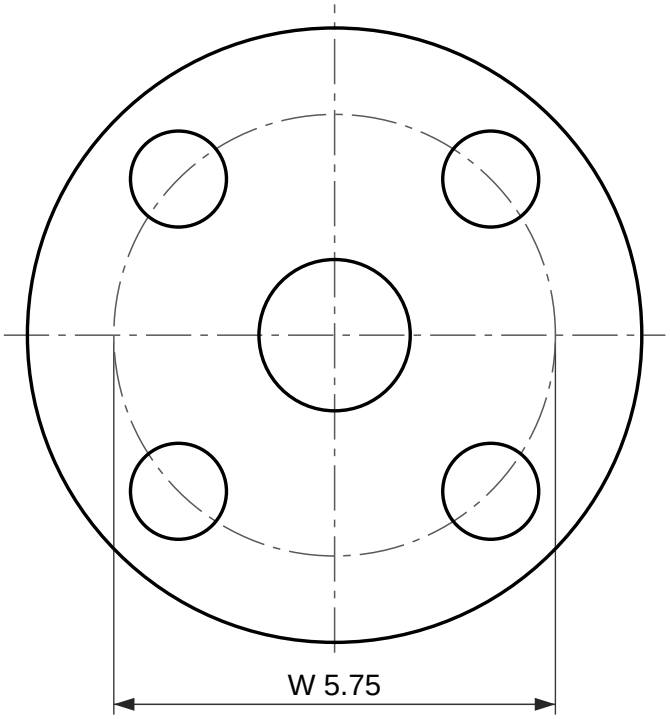
Approx. weight

Material	lb	kg
Carbon steel	21.7	9.9
Stainless steel 304 and 304L	21.9	9.9
Stainless steel 316 and 316L	22.2	10.1

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 Ø1.25
Face view

Lap joint flange, ASME B16.5 Class 2500

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/high-pressure/

Dimension	in	mm
O Outside diameter	8.00	203
tf Flange thickness	1.75	44.5
Y Length through hub	2.38	60
X Hub diameter at base	3.12	79
B Bore	1.97	50
r Corner radius of bore	0.25	6
W Bolt circle diameter	5.75	146
h Bolt holes, 4 off	1.25	31.8

4 stud bolts of 1-1/8 in; holes 1.25 in (31.8 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ2500-1.5
Scale 1:2.5 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355