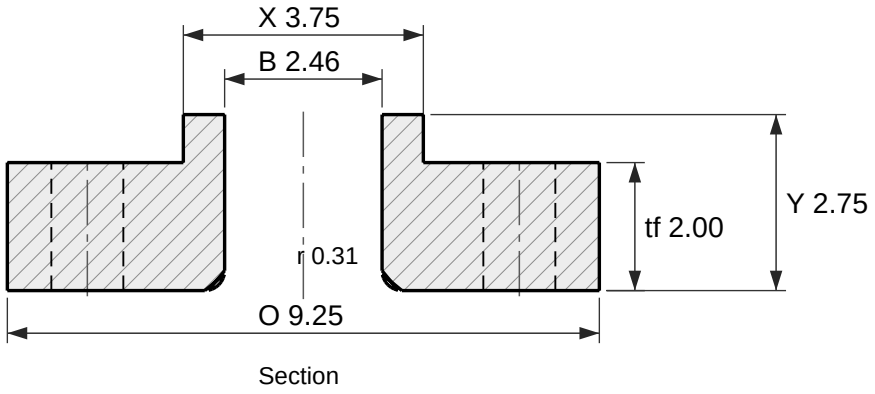
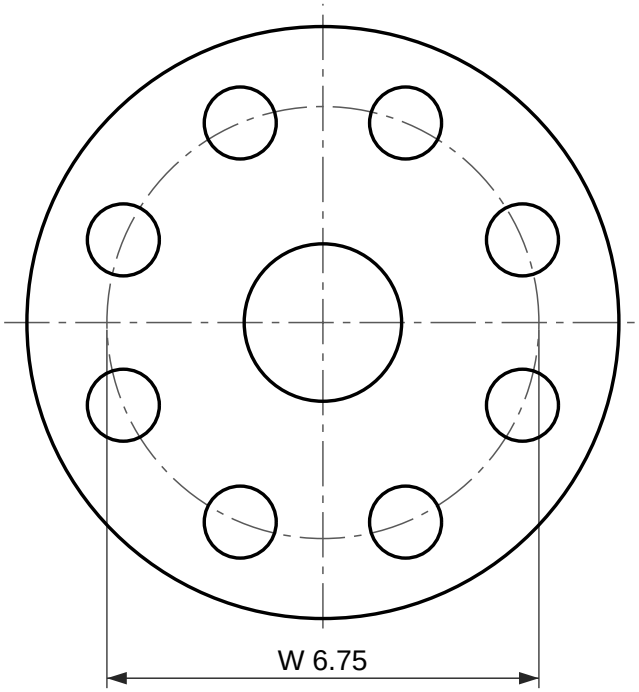
Approx. weight

Material	lb	kg
Carbon steel	32.1	14.6
Stainless steel 304 and 304L	32.3	14.7
Stainless steel 316 and 316L	32.7	14.8

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 Ø1.12
Face view

Lap joint flange, ASME B16.5 Class 2500

NPS 2 (DN 50)

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	9.25	235
tf Flange thickness	2.00	50.8
Y Length through hub	2.75	70
X Hub diameter at base	3.75	95
B Bore	2.46	62.5
r Corner radius of bore	0.31	8
W Bolt circle diameter	6.75	171.4
h Bolt holes, 8 off	1.12	28.6

8 stud bolts of 1 in; holes 1.12 in (28.6 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-LJ2500-2
Scale 1:3 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355