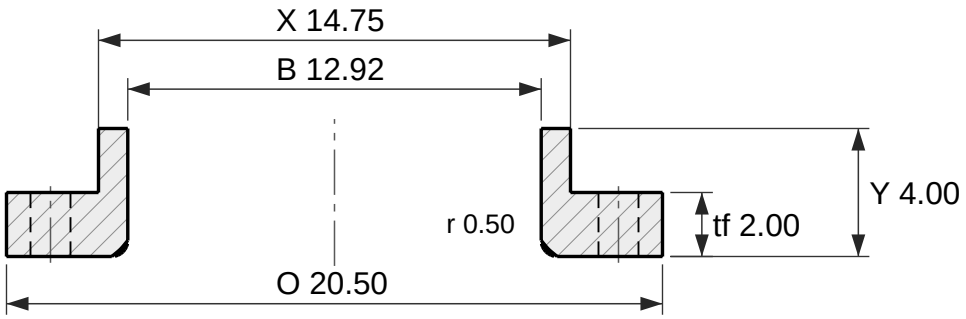
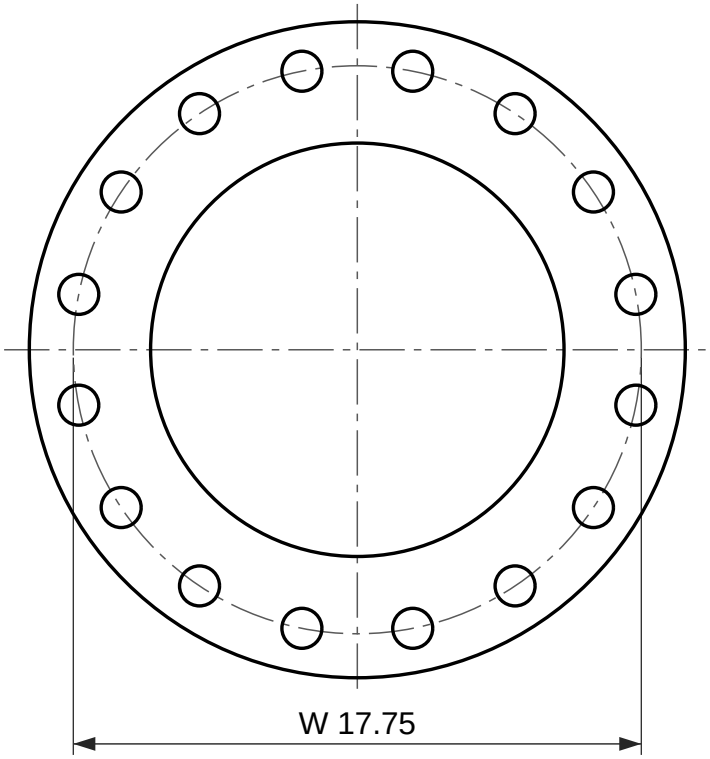
Approx. weight

Material	lb	kg
Carbon steel	122	55.6
Stainless steel 304 and 304L	123	55.9
Stainless steel 316 and 316L	125	56.6

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



16 holes Ø1.25

Face view

Lap joint flange, ASME B16.5 Class 300

NPS 12 (DN 300)

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	20.50	521
tf Flange thickness	2.00	50.8
Y Length through hub	4.00	102
X Hub diameter at base	14.75	375
B Bore	12.92	328.2
r Corner radius of bore	0.50	13
W Bolt circle diameter	17.75	450.8
h Bolt holes, 16 off	1.25	31.8

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

RAJENDRA INDUSTRIAL CORPORATION

rajendradatacenter.us
Drawing RIC-B165-LJ300-12
Scale 1:6 on Letter
Units: inches (mm)
Date 2026-11-22
Quote: rajendradatacenter.us/rfq/
sales@rajendradatacenter.com
+91 74338 71355