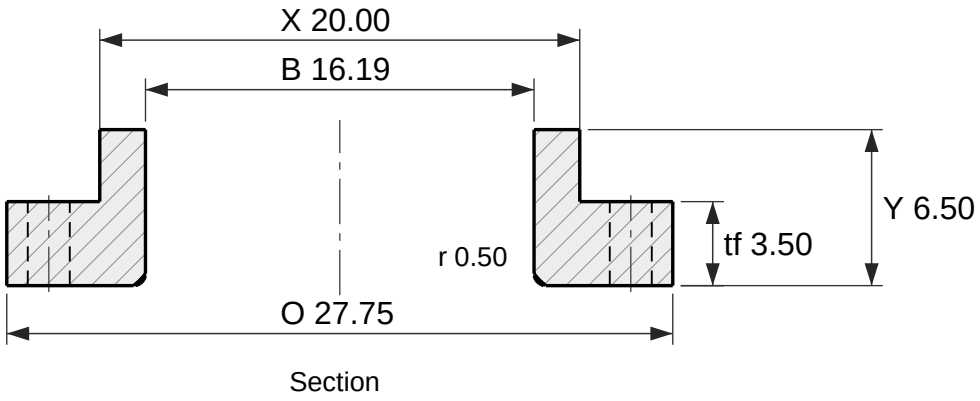
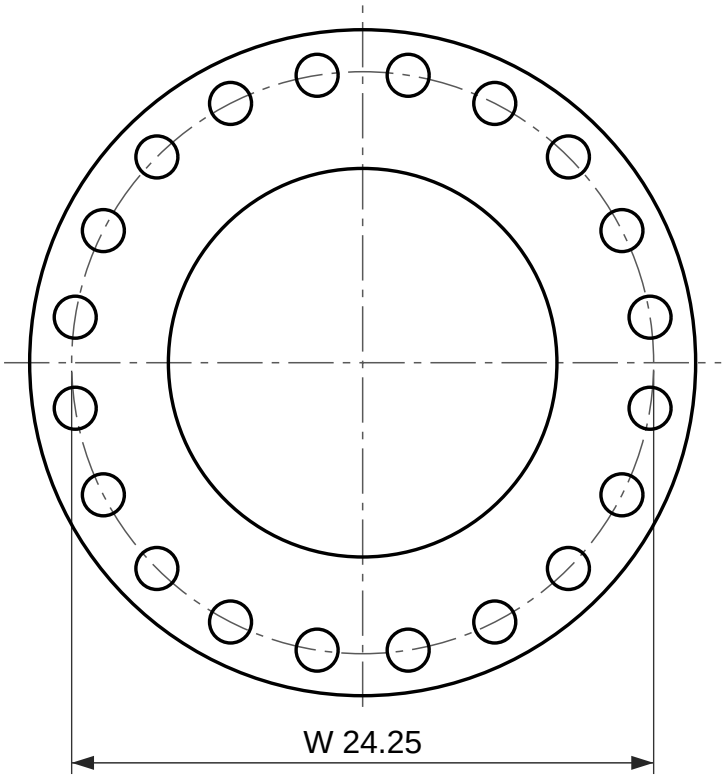
Approx. weight

Material	lb	kg
Carbon steel	438	199
Stainless steel 304 and 304L	441	200
Stainless steel 316 and 316L	447	203

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



20 holes Ø1.75

Face view

Lap joint flange, ASME B16.5 Class 900

NPS 16 (DN 400)

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	27.75	705
tf Flange thickness	3.50	88.9
Y Length through hub	6.50	165
X Hub diameter at base	20.00	508
B Bore	16.19	411.2
r Corner radius of bore	0.50	13
W Bolt circle diameter	24.25	616
h Bolt holes, 20 off	1.75	44.5

20 stud bolts of 1-5/8 in; holes 1.75 in (44.5 mm)

RAJENDRA INDUSTRIAL CORPORATION

rajendradatacenter.us
Drawing RIC-B165-LJ900-16
Scale 1:8 on Letter
Units: inches (mm)
Date 2026-11-22
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