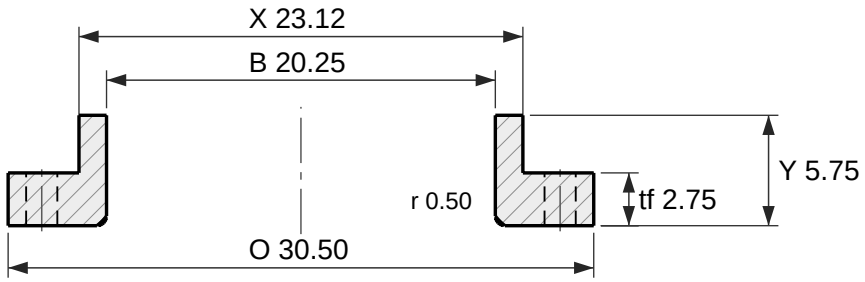
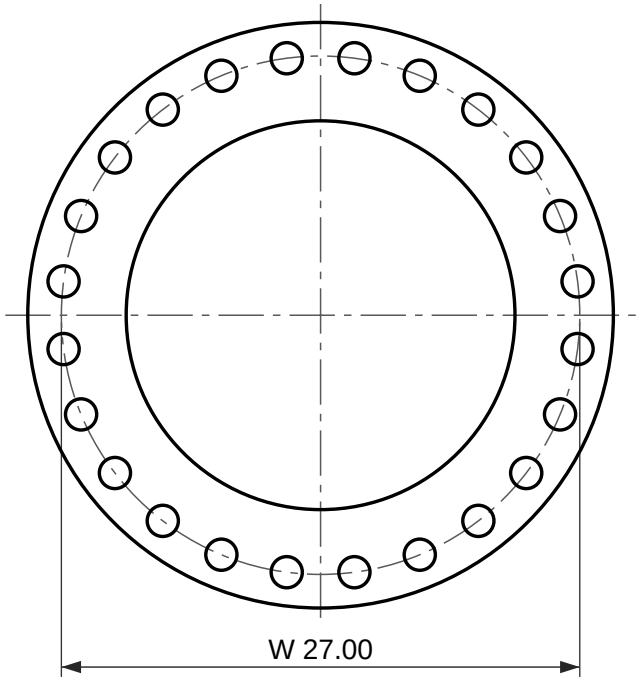
Approx. weight

Material	lb	kg
Carbon steel	360	163
Stainless steel 304 and 304L	363	164
Stainless steel 316 and 316L	367	167

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



24 holes Ø1.62

Face view

Lap joint flange, ASME B16.5 Class 400

NPS 20 (DN 500)

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	30.50	775
tf Flange thickness	2.75	69.9
Y Length through hub	5.75	146
X Hub diameter at base	23.12	587
B Bore	20.25	514.4
r Corner radius of bore	0.50	13
W Bolt circle diameter	27.00	685.8
h Bolt holes, 24 off	1.62	41.3

24 stud bolts of 1-1/2 in; holes 1.62 in (41.3 mm)

RAJENDRA INDUSTRIAL CORPORATION

rajendradatacenter.us
Drawing RIC-B165-LJ400-20
Scale 1:10 on Letter
Units: inches (mm)
Date 2026-11-22
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