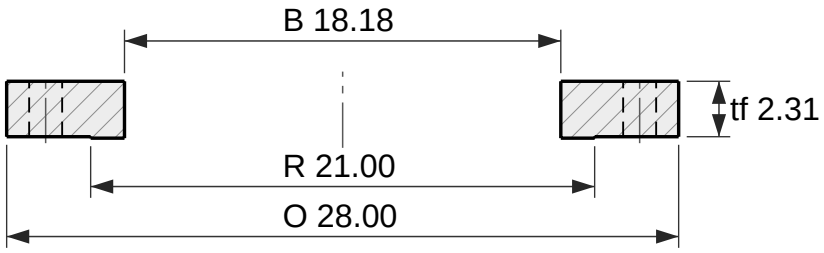
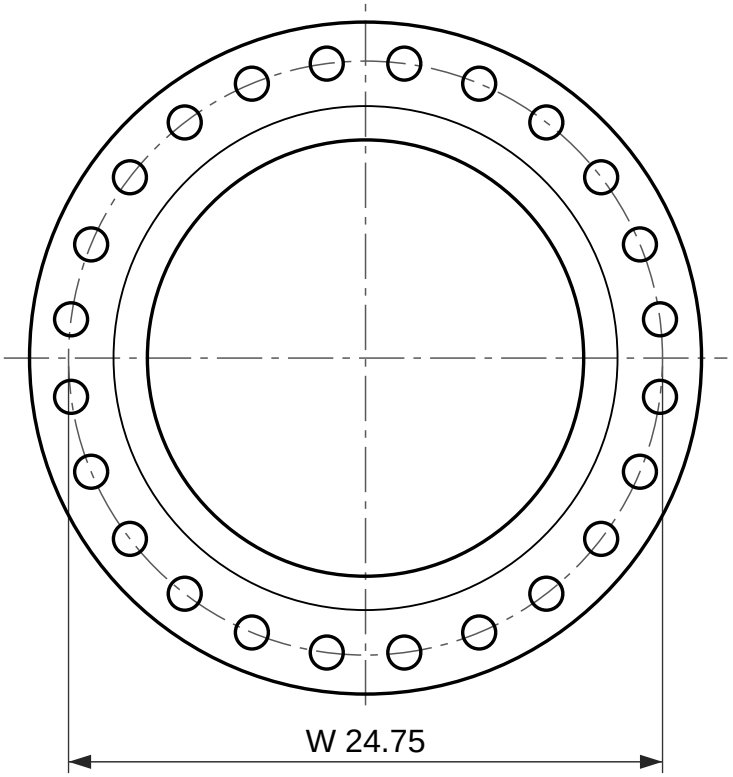
Approx. weight

Material	lb	kg
Carbon steel	211	95.9
Stainless steel 304 and 304L	213	96.5
Stainless steel 316 and 316L	216	97.7

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 Ø1.38

Face view

Slip-on flange, Class 300 RF, ASME B16.5 drilling

NPS 18 (DN 450)

ASME B16.5 slip-on flanges have a hub. This flange keeps the B16.5 outside diameter, drilling, raised face and slip-on bore without it.
Thickness shown is the B16.5 minimum; confirm the thickness for a flange without a hub in the order.
tf is measured without the 0.06 in (1.5 mm) raised face; the tf + f row is the same flange measured over the face.
Reference drawing. The purchase order governs.
Generated at rajendradatacenter.us/flanges/slip-on/

Dimension	in	mm
O Outside diameter	28.00	711
R Raised face diameter	21.00	533.4
f Raised face height	0.06	1.5
tf Thickness (min), without raised face	2.31	58.7
tf + f Thickness over the raised face	2.37	60.2
B Bore	18.18	461.8
W Bolt circle diameter	24.75	628.6
h Bolt holes, 24 off	1.38	34.9

24 stud bolts of 1-1/4 in; holes 1.38 in (34.9 mm)

RAJENDRA INDUSTRIAL CORPORATION
rajendradatacenter.us
Drawing RIC-B165-PL300-18
Scale 1:8 on Letter
Units: inches (mm)
Date 2026-11-22
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