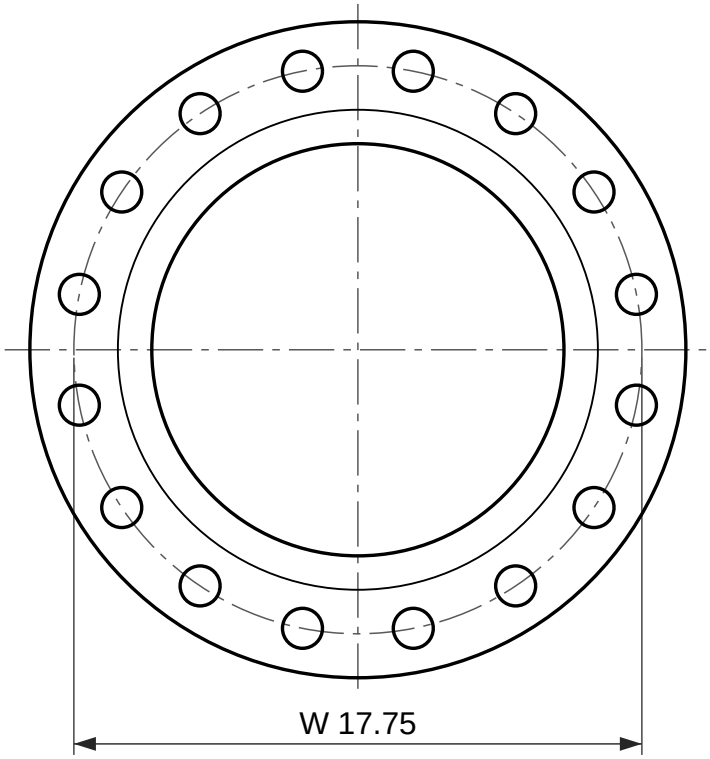
Approx. weight

Material	lb	kg
Carbon steel	99.9	45.3
Stainless steel 304 and 304L	101	45.6
Stainless steel 316 and 316L	102	46.2

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

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

NPS 12 (DN 300)

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	20.50	521
R Raised face diameter	15.00	381
f Raised face height	0.06	1.5
tf Thickness (min), without raised face	1.94	49.3
tf + f Thickness over the raised face	2.00	50.8
B Bore	12.88	327.2
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-PL300-12
Scale 1:6 on Letter
Units: inches (mm)
Date 2026-11-22
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