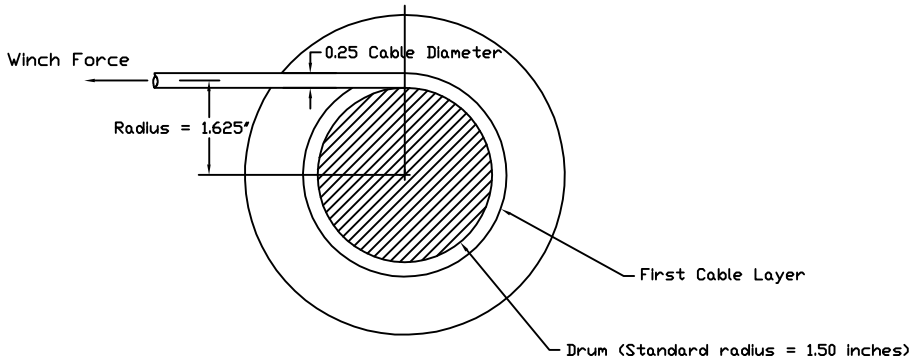
WHEN OPERATING ON THE FIRST CABLE LAYER:

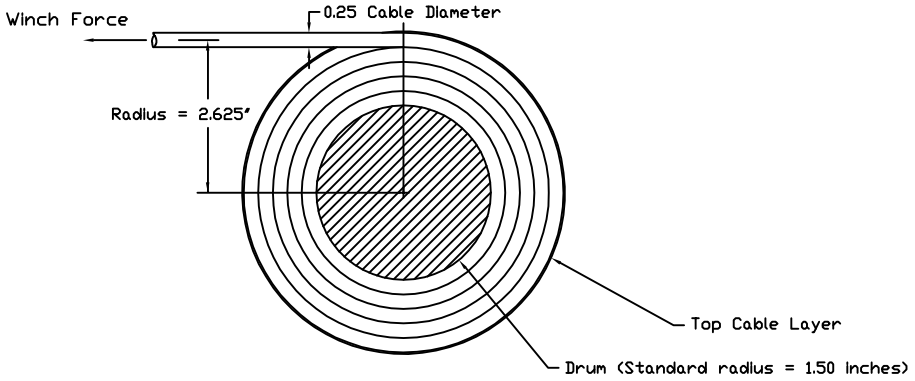


The winch torque capacity is 1950 in-lbs for the 1200 series gears.

Torque = Winch Force x Radius to cable centerline

So for the above case, where the winch is operating on the first layer of cable and using ¼ inch cable, the available winch force = 1950/1.625 = 1200 lbs.

WHEN OPERATING ON THE TOP CABLE LAYER:



The winch torque capacity is 1950 in-lbs for the 1200 series gears.

Torque = Winch Force x Radius to cable centerline

So for the above case, where the winch is operating on the top layer of cable and using ¼ inch cable, the available winch force = 1950/2.625 = 742 lbs (or approximately 700 lbs).