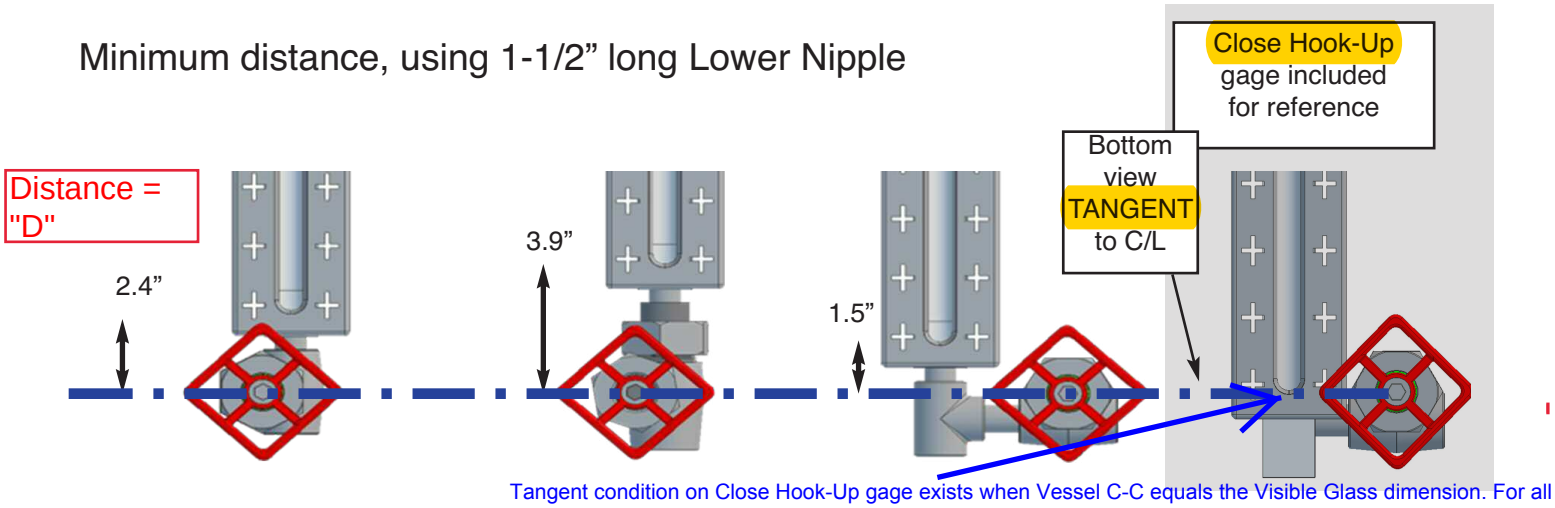
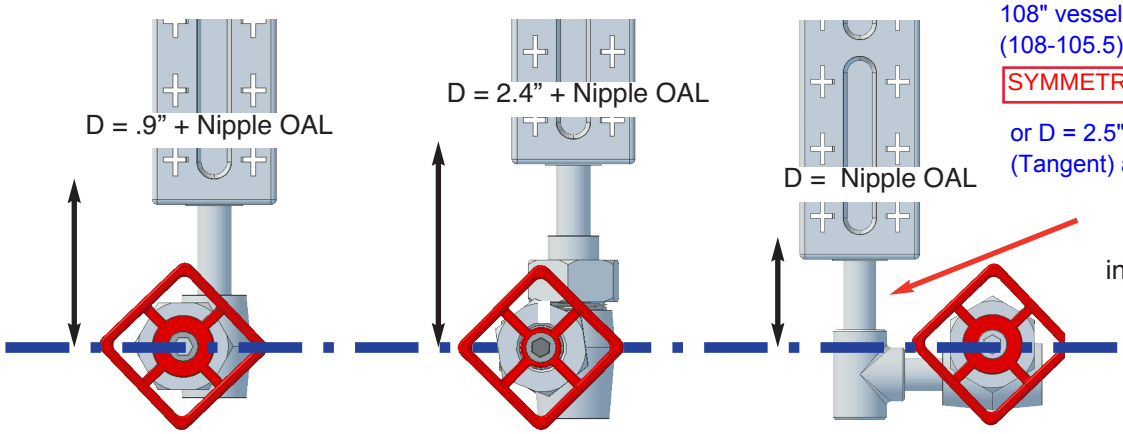
Bottom View to Lower Vessel C/L
Dimension “D” (inches)

Minimum distance, using 1-1/2” long Lower Nipple



Tangent condition on Close Hook-Up gage exists when Vessel C-C equals the Visible Glass dimension. For all other cases there is a non-zero "D" dimension.

Using other nipple lengths



Example, R100-88 BABxxxxxx with 105.5" visible glass length (catalog dimension)
108" vessel centers
(108-105.5) / 2 = 1.25 both ends
SYMMETRICAL

or D = 2.5" at top and -0- (Tangent) at Bottom ASYMMETRICAL

“Nipple OAL” in formulas include pipe threads

Factory “combos”...

1- Default: we “center” the level gage between the vessel centers...

2- If longer or shorter “D” distance is required please specify. For example, you can say “use minimum length (1-1/2”) for Lower Nipple and balance for Upper Nipple”— or “select Lower Nipple length so that bottom view is 4” above lower C/L”

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