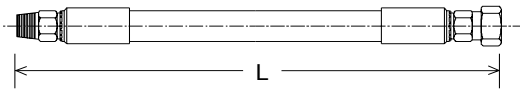


Defining Hose and Assembly Length

When you order hydraulic hose assemblies, be sure the following information is included as shown in the illustrations below

- > Quantity of assemblies required
- > Hose description (dash size and type)
- > End connection left
- > End connection right
- > Overall length in cm
- > Angle settings in Degrees if both couplings contain bent tube ends
- > Accessories (hose protection)

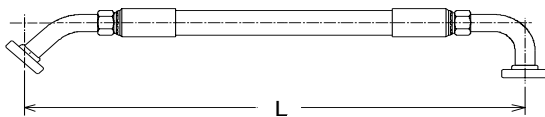
Overall Assembly Length



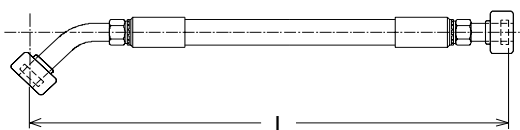
Bent Swivel Female Ends



Flange Ends



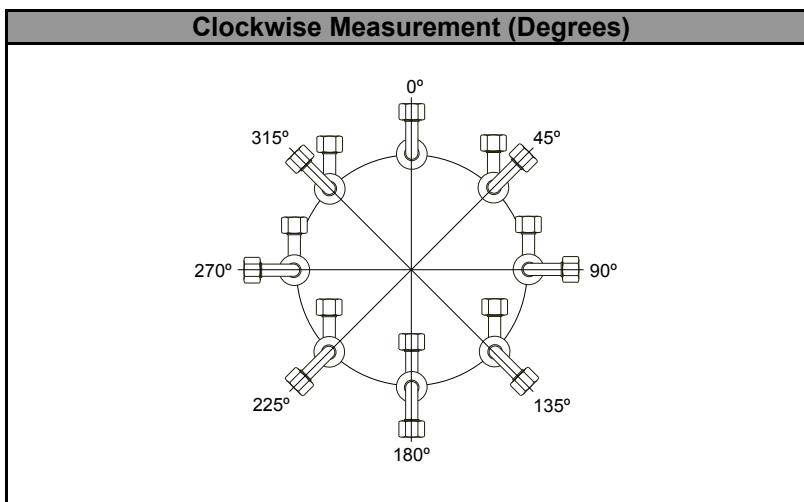
Swivel O-Ring Face Seal Ends



Defining Hose and Assembly Length

The offset angle between two fittings is the number of degrees measured in a clockwise direction, between the fitting nearest the viewer and the farthest end fitting.

The following illustration shows the clockwise angle separation between a “close” fitting and a “far” fitting. The “close” fitting would be defined as the fitting closest when looking at an assembly end to end. The “far” fitting would be defined as the fitting on the far end of the assembly when looking at an assembly end to end. The far end is used as the reference point and the “close” end establishes the angular difference.



Hose assemblies should be manufactured to the following length tolerances

Assembly Length	Tolerance	
	3/16" t/m 1"	1 1/4 " t/m 2"
Up through 100 cm	+1% - 0.5%	+1.5% - 1%
Over 100 cm	+1.5% - 1.5%	+1.5% - 1%