

Model 2249

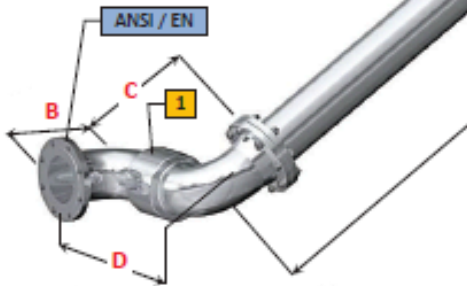
Single Range Floating Suction Unit

The Model 2249 Floating Suction Unit operates into horizontal and vertical storage tanks of large diameter and is designed to suck the clean product just below the product surface. This is in order to prevent the contamination of the product with sediments which settle on the bottom of the tank. Such a position of the suction surface is guaranteed by the presence of floating units, properly sized according to the weight of the arm and of the stored product.

Part List		
Pos	Description	Model
1	Swivel Joint	4044-2175/SS
2	Swinging Tube	
3	Final Elbow with Baffle Plate	
4	Floats	
5	Inspection Rope	
6	Support Foot	

Operating Conditions

Seal Material	VITON
Flow Rate	1.5 m/s



Notes:

- Model 2175/SS Swivel Joints used on stainless steel Floating Suction Unit
- Model 4044 Swivel Joints used on aluminum Floating Suction Unit
- (*) demonstrative dimensions
- (**) "A" dimension calculated according to the tank height
- The Model 2249 Floating Suction Unit can be fitted into storage tanks with floating roof. For this application, a support system with carriage and rails shall be provided instead of standard floats.

Demonstration of Operating Range



Standard Dimensions

Size	A	B	C	D	E	F	G
2"	**	91	91	257	500	800	800
3"	**	129	129	363	500	800	800
4"	**	125	125	375	500	800	800
6"	**	190	190	513	500	800	800
8"	**	210	210	547	500	800	800
10"	**	226	226	634	500	800	800
12"	**	375	375	885	500	800	800

