

Weld-on Adaptor DF100-series

The Weld-on Adaptor can be used for the fixation of the DF090 and DF100 Flowsensors, DF100TM Flow-transmitters, DF105 Flowswitches and the DF800-systems.

The Weld-on Adaptor is available in PP, PVDF, steel and stainless steel.

Installation

The location slots on the adaptor have to be fixed parallel to the pipe. This has to be done for the correct position of the sensorrotor in the flow.

To ensure a maximum linearity and accuracy, the sensor must be located in a straight, unobstructed run of the pipe upstream and downstream.

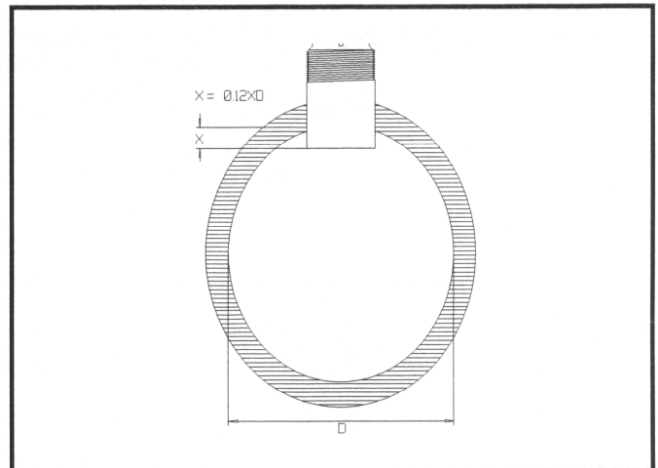
The upstream piping must have at least a length of 10x the inside diameter at least, the downstream piping 5x the inside diameter of the pipe at least .

Major obstructions such as pumps, throttled valves, bends or reduces will require a longer straight run.

The flowprofile in which the flowsensor operates can be laminar or turbulent.

This is the reason why the insertion of the flowsensor is very important and has to be exactly right. The Weld-on Adaptor must be welded in the pipe in such way, that the distance between the underend of the Adaptor and the upper inside of the pipe is 0,12x the internal diameter of the pipe. (see illustration)

Beside the exact mounting of the Adaptor it is very important that the pipe is always totally filled and without air bubbles.



Type

Article	Ordercode
DF150 Steel	DF150.001
DF150 Stainless steel	DF150.002
DF150 PP	DF150.003
DF150 PVDF	DF150.004

Specifications are subject to change without notice