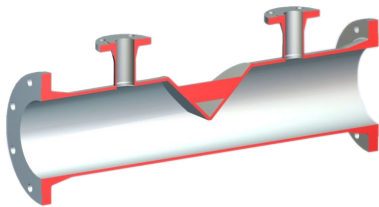


WEDGE METER WM Series



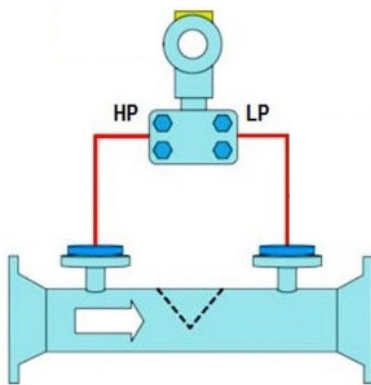
DESCRIPTION

The Wedge Meters (FE) is suitable for the use of particularly viscous, dirty and abrasive fluids.

It is made from a section of pipe and a V-shaped wedge inserted inside. The lower section remains unaffected and the fluid flows.

It is suitable for bidirectional measurement.

For an optimal result, manufacturing ability and punctual monitoring of the process are mandatory.



FEATURES

- Complete production control fully integrated inside the company and highly competent local suppliers.
- Qualified welders and welding procedures compliant with ASME IX and EN ISO 15614.
- Completely customizable on client's needs thanks to the support of our technical and sales departments.
- Over 60 years company experience with instruments installed in the entire world.
- Long working life ensured by high quality materials.

PROS	CONS
Suitable for a wide range of fluids, gases and vapours	The low availability of experimental data, doesn't assure high accuracy, if not calibrated
Suitable for viscous, dirty and abrasive fluids	
Suitable for bidirectional measurement	
Low maintenance cost	

APPLICATIONS

- Oil & Gas plants, Refineries
- Chemical and petrochemical plants
- WATER / GAS treatment and distribution
- Power generation

TYPICAL PERFORMANCES

- Range: 1 ÷ 10
- Max. Pressure and Temperature, allowed by used materials
- Accuracy: $\pm 4\%$ of F.S., With calibration: $\pm 0.5\%$ of F.S.
- Repeatability: $\pm 0.2\%$

ACCESSORIES ON REQUEST

- Nipples, Valves and Fittings
- Manifold and Differential Pressure Transmitter
- Calibration

TECHNICAL SPECIFICATIONS

USE	Liquids, Gases, Vapors	
DIMENSIONS	ND 2" ÷ 24" / DN 50÷ 600	
DESIGN	Flow Calculation and Construction	According to ISO-5167-6
	Pressure Taps Option	According to norm
	Option	According to STD and Norm
ARRANGEMENTS	Flange ANSI B16.5 / API 6B – 6BX	
	Flange EN-1092-1 / UNI 2223 / DIN	
RATING	ANSI/ASME - 150, 300, 600, 1500, 2500	
	EN-PN - 10, 16, 25, 40, 63, 100	
PROCESS CONNECTION	ANSI/ASME - RF, FF, RTJ with sealing surface AARH 125 ÷ 250, 63, or BW	
	EN-PN - Type 01, 11, 12 with sealing surface Type A, B1 or B2	
INSTRUMENT CONNECTION	Pressure taps: Flanged RF – RTJ (even large bore), or NPT-F – SW.	

MATERIALS

GENERAL	As per project specifications, however mainly according to ANSI/ASME/AISI code or according to EN/UNI/DIN codes. Certificates with requirements like NACE MR-0175 e MR-0103 /ISO 15156, Dual grade, and PED. Others to be evaluated on request.
EXTERNAL BODY AND PRIMARY ELEMENT	Generally, according to project specification. Mainly Carbon Steel, Low Carbon Steel, Alloy Steel, Stainless Steel, Duplex / Super Duplex, Nichel Alloy Steel



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