



AW FLOW METERS

HM...TC-AC/S Turbine Flow Meters for High Pressure Applications



This turbine series has special process connections for pressures up to 15,000 PSI. It is made from stainless steel using the following materials:

- Housing: DIN 1.4571/AISI 316 Ti or DIN 1.3980 (X8NiCr17-10)
- Internal parts: DIN 1.4571/AISI 316 Ti
- Wheel: DIN 1.4460/AISI 329
- Bearings: tungsten carbide

General information like measuring principle may be taken from the datasheet »HM series«.

Grayloc® flange end connections are available upon request.

Meter Technical Data

Meter Type	Flow Range Gal / Min	Impulses / Gallon	Frequency (0-max. Hz)	Pressure Rating (PSI)
HM 003/TC-AC/S	0.08 to 0.4	123,000	800	15,000
HM 004/TC-AC/S	0.13 to 1.05	94,600	1,650	15,000
HM 005/TC-AC/S	0.2 to 1.6	67,400	1,750	15,000
HM 006/TC-AC/S	0.3 to 2.6	39,000	1,750	15,000
HM 007/TC-AC/S	0.5 to 5	19,000	1,650	15,000
HM 009/TC-AC/S	0.9 to 9	19,000	2,750	15,000
HM 011/TC-AC/S	1.6 to 16	9,000	2,400	10,000

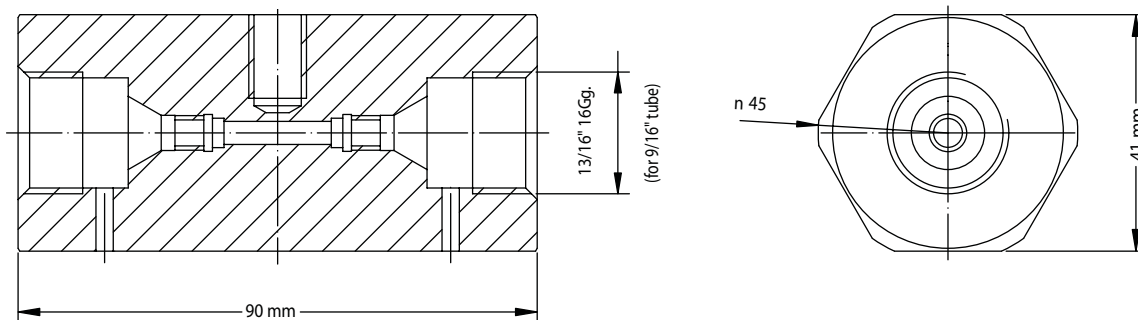
Average figures, the exact figures can be taken from the calibration record supplied with each flow meter.

Linearity: ± 1.0 % of actual flow, HM 009: ± 1.5 % of actual flow at 1 cSt

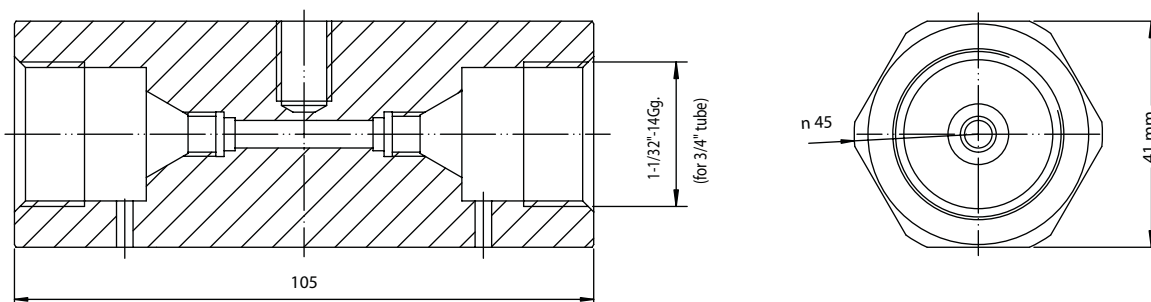


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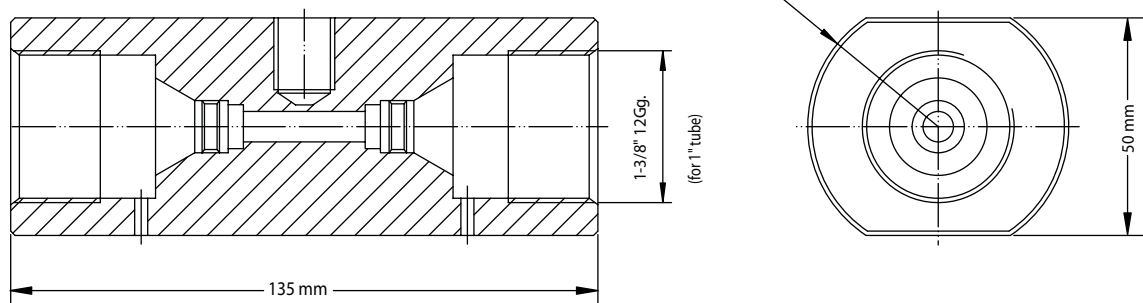
HM 003 and HM 004



HM 005 and HM 006



HM 007 and HM 009



HM 011

