

The KYTOLA® variable area flow meter Model TL is a sturdy industrial flow meter. It has a stainless steel AISI 316 body with aluminium or AISI 316 connectors and a heavy-duty impact resistant polymer flow tube.

Model TL is a reliable instrument for measuring and monitoring large liquid and gas flows.



- Scales up to
7.5 – 105 USGPM (H₂O)
50 – 450 SCFM (air)
- Scales for alternative gases
and liquids
- Several connection choices
- Alarm-ready

ISO 9001 ISO 14001

FLOW METER TL

FEATURES

- Sturdy construction
- Protected flow tube

TYPICAL APPLICATIONS

- Sealing water measurement for
vacuum pumps
- Lubrication oil measurement for
gear boxes
- Flush water applications
- Gas flow measurements
- Power plants

OPTIONS

- Low and high flow alarm
- PES flow tube
- Viton® or EPDM seals

Model	TLA	TLH	TLFH
Connectors	NPT 2" / G 2"	NPT 2" / G 2"	DN50 / ANSI 2"
Max. pressure	290 psi (20 bar)	290 psi (20 bar)	232 psi (16 bar)
Max. temperature	175°F (80°C), *248°F (120°C)	175°F (80°C), *248°F (120°C)	175°F (80°C), *248°F (120°C)
Weight	7.3 lbs (3.3 kg)	9.9 lbs (4.5 kg)	15 lbs (6.6 kg)
Connectors	Aluminium	AISI 316	AISI 316
Body	AISI 316		
Flow tube	Grilamid (PA-12) (*PES)		
Float	AISI 329 or PTFE (depending on range)		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. (H ₂ O, +70°F (20°C))		

*) Special construction on request

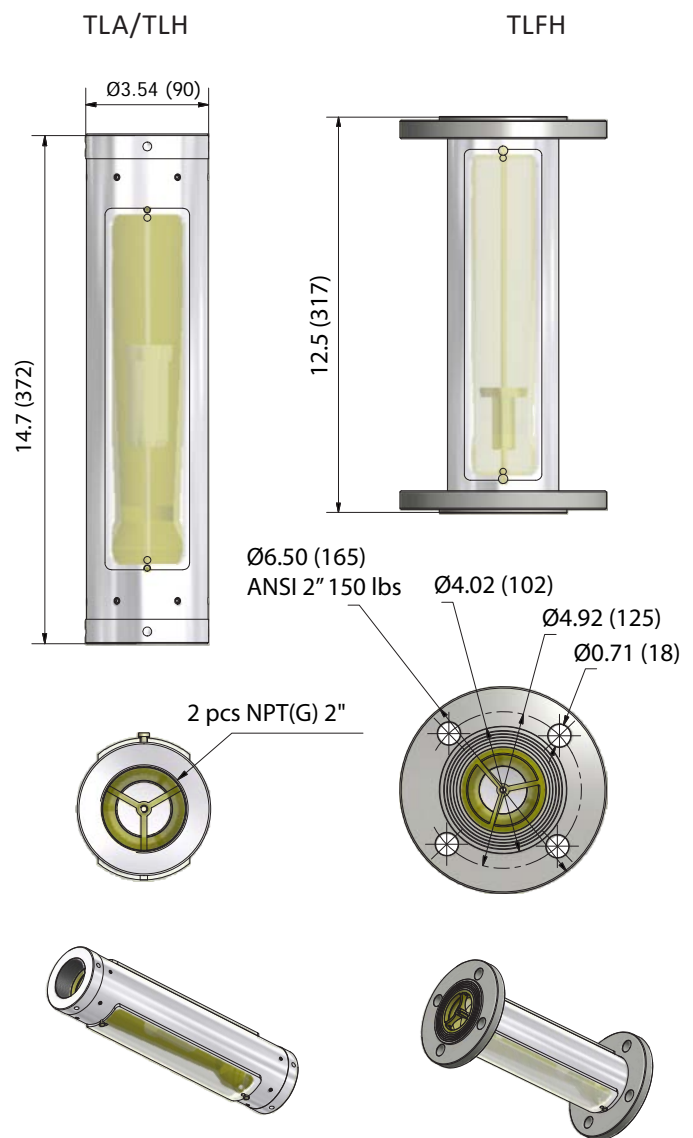
Connections		Material	
G 2"	Aluminium (not for H ₂ O)	A	
G 2"	AISI 316	H	
DN50/ANSI 2"	AISI 316	FH	

Flow Range H ₂ O		Flow Range Air		
USGPM	L/min	SCFM	Nm ³ /min	
2.0–15.0	7.5–55	15 – 70	0.3–1.9	4E*
2.5–27.5	10–105	20 – 120	0.4–3.0	4A
2.5–40.0	10–150	20 – 160	0.5–4.25	4F
5.0–52.5	20–200	20 – 220	0.5–6.0	4B
7.5–85	40–320	40 – 380	1–10	4C
7.5–105.0	50–400	50 – 450	1–12	4D

Scale		
H ₂ O L/min at +20°C		A
Relative scale 1–10		D
H ₂ O USGPM +70°F		G
Air Nm ³ /min at +20°C/1.013 bar (abs)		S
Air SCFM +70°F, 14.7 psia		T

Features		
Alarm readiness (sensor holder required)		D
NPT 2" or ANSI 2" 150 lbs connections		N
Grilamid flow tube, nitrile seals	blank	
PES flow tube, nitrile seals		V
PES flow tube, Viton® seals		W
Grilamid flow tube, Viton® seals		X
EPDM seals		Y

* = PTFE float, flow alarm not available
 Standard feature: leave blank
 Special feature: choose a Character



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.