



Description

Turbine gas meters are flow meters. The flow of gas turns a turbine wheel, and thus, the rotating speed of the turbine is proportional to the linear speed of the gas. The movement is mechanically transmitted to the totaliser through the magnetic coupling

Features

- Medium : All kinds of oils (kerosene, Diesel palm oil , light oil, Heavy oil) and water ..
- Connection : Thread DN 4 - DN 50 mm
: Flange DN 15 - DN 200 mm (PN 16)
: Wafer DN 15 - DN 100 mm
- Output : Pulse / 4-20mA
- Power supply : 24VDC
- Nominal Pressure : 1,6 Mpa
- Fluid Temperature : -25~ +90°C
- Protection grade : IP65
- Accuracy : 0.5% - 1.5%
- Wetted Component : Housing SUS304 (optional : SUS316L)
: Bearings and Shaft: Tungsten Carbide
: Rotor: Standard - 2Cr13 Stainless Steel (Optional Alloy CD4Mcu)
: Retaining Rings: 316 Stainless Steel



Nominal Diameter		Standard Flow Range (Water)	Standard Flow Range (Oil)	Standard Pres Rating	Customized Pres Rating
(mm)	(in.)	(m ³ /h)	(m ³ /h)	(MPa)	(MPa) - Flange Fitting
4	0.15	0.04 to 0.25	0.02 to 0.2	Thread: 1.6	12, 16, 25
6	0.25	0.1 to 0.6	0.1 to 0.4	Thread: 1.6	12, 16, 25
10	0.4	0.2 to 1.2	0.15 to 1	Thread: 1.6	12, 16, 25
15	0.5	0.6 to 6	0.4 to 4	Thread: 1.6; Flange: 1.6	4.0, 6.3, 12, 16, 25
20	0.75	0.8 to 8	0.6 to 5	Thread: 1.6; Flange: 1.6	4.0, 6.3, 12, 16, 25
25	1	1 to 10	0.8 to 7	Thread: 1.6; Flange: 1.6	4.0, 6.3, 12, 16, 25
32	1.25	1.5 to 15	1 to 13	Thread: 1.6; Flange: 1.6	4.0, 6.3, 12, 16, 25
40	1.5	2 to 25	2 to 18	Thread: 1.6; Flange: 1.6	4.0, 6.3, 12, 16, 25
50	2	4 to 40	4 to 25	Flange: 1.6	4.0, 6.3, 12, 16, 25
65	2.5	7 to 70	7 to 50	Flange: 1.6	4.0, 6.3, 12, 16, 25
80	3	10 to 100	8 to 80	Flange: 1.6	4.0, 6.3, 12, 16, 25
100	4	20 to 200	15 to 150	Flange: 1.6	4.0, 6.3, 12, 16, 25
125	5	25 to 250	25 to 200	Flange: 1.6	2.5, 4.0, 6.3, 12, 16
150	6	30 to 300	30 to 250	Flange: 1.6	2.5, 4.0, 6.3, 12, 16
200	8	80 to 800	80 to 600	Flange: 1.6	2.5, 4.0, 6.3, 12, 16

Diameter (mm)	Sensor Size (mm)	Flange Size (mm)						Pipe Thread Size	
	L	H	D	D ₁	D ₂	D ₃	n-do	L1 (mm)	G
4	225	145							1/2
6	225	145							1/2
10	345	170							1/2
15	75	190	95	65	45		4-14	23	1
20	85	210	105	75	55		4-14	23	1
25	100	230	115	85	65		4-14	30	11/4
32	120	250	140/ 135	100	78		4-18	30	11/4
40	140	260	150/ 145	110	85		4-18	35	2
50	150	270	165/ 160	125	100		4-18		
65	150	290	185/ 180	145	125		4-18		
80	200	300	200/ 195	160	135		8-18		
100	220	330	220/ 195	180	155		8-18		
125	250	380	250/ 245	210	185		8-18		
150	300	390	285/ 280	240	210		8-23		
200	360	455	340/ 335	295	265		12-23		
250	400	510	405	355	320		12-26/25		
300	420	565	460	410	375		12-26/25		
400	560	680	580	525	485		16-30		
500	600	790	715/ 705	650	608		20-35		