

ROTAMETER

METAL TUBE

Effex
INDUSTRIALSOLUTIONS

MODEL CODE : EGTR

SPECIAL FEATURES

Metal Tube Rotameter is basically a variable area flowmeter. The differential pressure across the annulus area is constant and the Flow rate is measured as a function of the position of annulus area created by float position. The position of the float is sensed by a magnet and indicated On the dial in terms of flow rate.



SPECIFICATIONS

| | |
|--------------------|--------------------------------------|
| Accuracy | : ±2% of FS |
| Temperature Rating | : 150 Deg. C |
| Material Of Wetted | : SS 304 / SS 316 |
| Parts | |
| Flow Direction | : From Bottom To Top |
| Mounting Position | : Online Vertical |
| Scale | : White Background With Black Letter |
| Packing | : Teflon |
| Output | : Direct Pointer Indication |
| Pointer Material | : Aluminum |
| Window | : Shatterproof Glass |
| Tube Material | : SS 316 |
| Float Material | : SS 316 |
| Indication Box | : Aluminum |

| NB | Float No | With PTFE float LPH | With SS 316 Float LPH | Max Pres Drop MMWC | Test Press kg/cm2 |
|-----|----------|---------------------|-----------------------|--------------------|-------------------|
| 15 | TM-1 | -- | 2.5-25 | 1000 | 20 |
| | TM-2 | 2.5-25 | 4-40 | | |
| | TM-3 | 4-40 | 6.5-65 | | |
| | TM-4 | 6.5-65 | 10-100 | | |
| | TM-5 | 10-100 | 16-160 | | |
| | TM-6 | 16-160 | 25-250 | | |
| | TM-7 | 25-250 | 40-400 | | |
| | TM-8 | 40-400 | 63-630 | | |
| 25 | TM-9 | 63-630 | 100-1000 | 1000 | 20 |
| | TM-10 | 100-1000 | 160-1600 | | |
| | TM-11 | 160-1600 | 250-2500 | | |
| | TM-12 | 250-2500 | 400-4000 | | |
| 50 | TM-13 | 400-4000 | 630-6300 | 1200 | 20 |
| | TM-14 | 630-6300 | 1000-10000 | | |
| | TM-15 | 1000-10000 | 1600-16000 | | |
| 80 | TM-16 | 1600-16000 | 2500-25000 | 1500 | 20 |
| | TM-17 | 2500-25000 | 4000-40000 | | |
| 100 | TM-18 | 4000-40000 | 6300-63000 | 1500 | 20 |

ROTAMETER

MINIATURE LEVEL SWITCH

SIDE MOUNTED / TOP MOUNTED (ALL SS)



MODEL CODE : EGTR

HOW TO ORDER

BASIC MODEL

Example

EMTR

MATERIAL OF WETTED PARTS

6S

4S : SS 304

6S : SS 316

XX : NON STANDARD

INDICATION HOUSING

BO

AL ALUMINUM

XX NON STANDARD

END CONNECTION

4NM

THREADED CONNECTIONS

4NM : 1/2" NPT (M)

5NM : 3/4" NPT (M)

6NM : 1" NPT (M)

4NF : 1/2" NPT (F)

5NF : 3/4" NPT (F)

6NM : 1" NPT (F)

XXX : NON STANDARD

FLANGED ANSI B 16.5 - RF

6A : 3/4" 150#

1A : 1" 150#

4A : 1 1/2" 150#

2A : 2" 150#

7A : 3" 150#

9A : 4" 150#

6B : 3/4" 300#

1B : 1" 300#

4B : 1 1/2" 300#

2B : 2" 300#

7B : 3" 300#

9B : 4" 300#

6C : 3/4" 600#

1C : 1" 600#

4C : 1 1/2" 600#

2C : 2" 600#

7C : 3" 600#

9C : 4" 600#

XXX : NON STANDARD

Ordering Example : EMTR - 6S - AL-4NM

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

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