

GLASS TUBE ROTAMETER

SERIES : SC / R - 101



Spink Controls offer an Industrial flowmeter used to measure flowrate of liquids and gases. It operated on the Variable Area Principle, where the fluid flow raises a float in taper tube increasing the area of passage of fluid. The greater the flow, the higher the float is raised. The height of float is raised by a combination of the buoyance of the liquid and velocity head of the fluid. With gases, the buoyancy is negligible, and float responds to the velocity head alone.

Model Coding for Glass Tube Rotameter

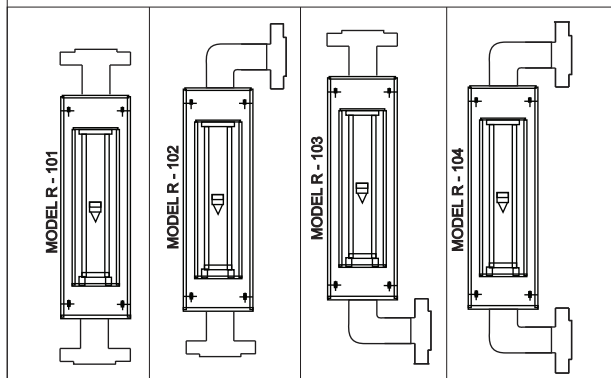
R-101		GT/	A	F	1	WL	MS	AL	GP1	PK1
Line Size	Pressure Rating Kg/cm ²	Water At AMB.Temp in LPH	Glass Size	Line Size Code						
15	15	10 - 100	GT/01	A						
		20 - 200	GT/02							
		30 - 300	GT/03							
20	10	40 - 400	GT/04	B						
		60 - 600	GT/05							
		80 - 800	GT/06							
25	10	100 - 1000	GT/07	C						
		120 - 1200	GT/08							
		150 - 1500	GT/09							
		200 - 2000	GT/10							
		250 - 2500	GT/11							
40	7	350-3500	GT/13	E						
		400 - 4000	GT/14							
		500 - 5000	GT/15							
		600 - 6000	GT/16							
50	7	800 - 8000	GT/17	F						
		1000 - 10000	GT/18							
65	7	1500 - 15000	GT/19	G						
80	5	2000-20000	GT/20	H						
Process Connection										
Flanged ANSI 150#					F1					
Screwed					S1					
Hose Connection					H					
TC					TC					
Material of Construction –Body & Process connection										
SS 316					1					
SS 316L					2					
SS 304					3					
Mild Steel					4					
Carbon steel					5					
Cast Iron					6					
Poly Propylene					7					
Special on request (Please specify)					8					
Lining Material										
PTFE						PT				
Without Lining						WL				
Casing Material										
MS duly Powder coated							MS			
Stainless Steel							SS			
Scale material										
Aluminium Anodized								AL		
Stainless steel								SL		
Acrylic								AC		
Gland Plate & Accessories										
Carbon steel Plate									GP1	
Stainless Steel									GP2	
Other –Please specify									GPX	
Packing Material										
PTFE										PK1
Silicon										PK2
Neoprene										PK3
Viton										PK4
Nitrile										PK5

TECHNICAL SPECIFICATION

ACCURACY	: +/- 2 % OF FSR
REPEATABILITY	: +/- 0.5 % OF FSR
RANGEABILITY	: 10 : 1
TEMPERATURE RATING	: 150° C
PRESSURE RATING	: Up to 10 Kg/cm ²
CASING	: M. S. POWDER COATED/SS316/SS304
END CONNECTION	: FLANGED/SCREWED AS PER CUSTOMER SPECIFICATION
MATERIAL OF WETTED PART	: C S/ SS 304/ SS 316/ PP/ PVC/ TEFLON
METERING TUBE	: BOROSILICATE GLASS
FLOAT	: SS304/SS316 OR SUITABLE TO SERVICE
SCALE LENGTH	: 175 TO 220 mm
END TO END DISTANCE	: 500mm
FLOW DIRECTION	: FROM BOTTOM TO TOP
MOUNTING POSITION	: VERTICAL
ELASTOMERS	: NEOPRENE/SILICON/ VITON / PTFE

Basic Model

R - 101/102/103/104



GEM Seller ID : 8C0F180000397396

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