For a complete library of rotameter calibration data, visit:
http://www.mathesongas.com/gas-handling/rotameter-FAQ

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UNITS : SLPM METHANE
TUBE NUMBER : 604(E700) TYPICAL
FLOAT NUMBER : 005
FLOAT MATERIAL: GLASS

DATE : 09-06-1991
STD CONDITIONS : 1 ATMOS. &70 DEG F
GAS TEMPERATURE : 70 DEG F
PRESSURE IN TUBE : 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	27.8004	110.0	20.4207	70.0	12.6545	30.0	4.9745
149.0	27.6255	109.0	20.2290	69.0	12.4599	29.0	4.7865
148.0	27.4500	108.0	20.0370	68.0	12.2653	28.0	4.5988
147.0	27.2738	107.0	19.8447	67.0	12.0708	27.0	4.4113
146.0	27.0970	106.0	19.6523	66.0	11.8764	26.0	4.2240
145.0	26.9197	105.0	19.4597	65.0	11.6821	25.0	4.0371
144.0	26.7417	104.0	19.2669	64.0	11.4878	24.0	3.8504
143.0	26.5632	103.0	19.0739	63.0	11.2937	23.0	3.6639
142.0	26.3842	102.0	18.8807	62.0	11.0997	22.0	3.4777
141.0	26.2045	101.0	18.6874	61.0	10.9057	21.0	3.2918
140.0	26.0244	100.0	18.4939	60.0	10.7119	20.0	3.1062
139.0	25.8437	99.0	18.3002	59.0	10.5182	19.0	2.9208
138.0	25.6625	98.0	18.1065	58.0	10.3247	18.0	2.7357
137.0	25.4808	97.0	17.9126	57.0	10.1312	17.0	2.5509
136.0	25.2985	96.0	17.7185	56.0	9.9379	16.0	2.3664
135.0	25.1159	95.0	17.5244	55.0	9.7448	15.0	2.1821
134.0	24.9327	94.0	17.3301	54.0	9.5517	14.0	1.9982
133.0	24.7491	93.0	17.1358	53.0	9.3589	13.0	1.8145
132.0	24.5650	92.0	16.9413	52.0	9.1662	12.0	1.6311
131.0	24.3804	91.0	16.7468	51.0	8.9736	11.0	1.4480
130.0	24.1955	90.0	16.5522	50.0	8.7812	10.0	1.2652
129.0	24.0101	89.0	16.3575	49.0	8.5890	9.0	1.0827
128.0	23.8243	88.0	16.1628	48.0	8.3970	8.0	0.9005
127.0	23.6381	87.0	15.9680	47.0	8.2051	7.0	0.7186
126.0	23.4515	86.0	15.7731	46.0	8.0134	6.0	0.5370
125.0	23.2646	85.0	15.5782	45.0	7.8219	5.0	0.3557
124.0	23.0772	84.0	15.3833	44.0	7.6306		
123.0	22.8895	83.0	15.1883	43.0	7.4395		
122.0	22.7015	82.0	14.9934	42.0	7.2486		
121.0	22.5131	81.0	14.7984	41.0	7.0578		
120.0	22.3243	80.0	14.6034	40.0	6.8673		
119.0	22.1353	79.0	14.4084	39.0	6.6770		
118.0	21.9459	78.0	14.2134	38.0	6.4870		
117.0	21.7562	77.0	14.0184	37.0	6.2971		
116.0	21.5663	76.0	13.8235	36.0	6.1075		
115.0	21.3760	75.0	13.6285	35.0	5.9180		
114.0	21.1855	74.0	13.4337	34.0	5.7289		
113.0	20.9947	73.0	13.2388	33.0	5.5399		
112.0	20.8036	72.0	13.0440	32.0	5.3512		
111.0	20.6123	71.0	12.8492	31.0	5.1627		