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 : 605(E800) 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 : 20 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	50.4159	110.0	35.5142	70.0	21.6179	30.0	8.1933
149.0	50.0152	109.0	35.1607	69.0	21.2746	29.0	7.8718
148.0	49.6166	108.0	34.8078	68.0	20.9316	28.0	7.5514
147.0	49.2200	107.0	34.4553	67.0	20.5888	27.0	7.2321
146.0	48.8253	106.0	34.1033	66.0	20.2462	26.0	6.9140
145.0	48.4324	105.0	33.7517	65.0	19.9039	25.0	6.5971
144.0	48.0413	104.0	33.4006	64.0	19.5617	24.0	6.2815
143.0	47.6520	103.0	33.0498	63.0	19.2199	23.0	5.9673
142.0	47.2645	102.0	32.6994	62.0	18.8782	22.0	5.6543
141.0	46.8786	101.0	32.3494	61.0	18.5369	21.0	5.3428
140.0	46.4942	100.0	31.9998	60.0	18.1958	20.0	5.0326
139.0	46.1115	99.0	31.6504	59.0	17.8551	19.0	4.7240
138.0	45.7303	98.0	31.3014	58.0	17.5146	18.0	4.4169
137.0	45.3506	97.0	30.9527	57.0	17.1745	17.0	4.1113
136.0	44.9723	96.0	30.6043	56.0	16.8347	16.0	3.8074
135.0	44.5954	95.0	30.2561	55.0	16.4953	15.0	3.5051
134.0	44.2199	94.0	29.9082	54.0	16.1563	14.0	3.2045
133.0	43.8457	93.0	29.5606	53.0	15.8177	13.0	2.9057
132.0	43.4727	92.0	29.2132	52.0	15.4795	12.0	2.6087
131.0	43.1010	91.0	28.8660	51.0	15.1417	11.0	2.3136
130.0	42.7304	90.0	28.5191	50.0	14.8044	10.0	2.0204
129.0	42.3610	89.0	28.1723	49.0	14.4676	9.0	1.7291
128.0	41.9927	88.0	27.8258	48.0	14.1312	8.0	1.4399
127.0	41.6255	87.0	27.4794	47.0	13.7954	7.0	1.1527
126.0	41.2593	86.0	27.1332	46.0	13.4602	6.0	0.8676
125.0	40.8941	85.0	26.7873	45.0	13.1255	5.0	0.5847
124.0	40.5299	84.0	26.4415	44.0	12.7914		
123.0	40.1666	83.0	26.0958	43.0	12.4580		
122.0	39.8042	82.0	25.7504	42.0	12.1252		
121.0	39.4427	81.0	25.4051	41.0	11.7931		
120.0	39.0820	80.0	25.0599	40.0	11.4617		
119.0	38.7221	79.0	24.7150	39.0	11.1310		
118.0	38.3629	78.0	24.3702	38.0	10.8011		
117.0	38.0046	77.0	24.0255	37.0	10.4720		
116.0	37.6469	76.0	23.6811	36.0	10.1437		
115.0	37.2899	75.0	23.3368	35.0	9.8163		
114.0	36.9335	74.0	22.9926	34.0	9.4898		
113.0	36.5778	73.0	22.6487	33.0	9.1642		
112.0	36.2227	72.0	22.3049	32.0	8.8395		
111.0	35.8682	71.0	21.9613	31.0	8.5159		