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http://www.mathesongas.com/gas-handling/rotameter-FAQ

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UNITS : SLPM HELIUM
TUBE NUMBER : 603(E500) TYPICAL
FLOAT NUMBER : 002
FLOAT MATERIAL: 316 ST. STL.

DATE : 08-07-1991
STD CONDITIONS : 1 ATMOS. &70 DEG F
GAS TEMPERATURE : 70 DEG F
DELIVERY PRESSURE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	10.8097	110.0	8.4022	70.0	5.3961	30.0	1.6965
149.0	10.7406	109.0	8.3400	69.0	5.3070	29.0	1.6112
148.0	10.6727	108.0	8.2773	68.0	5.2174	28.0	1.5270
147.0	10.6058	107.0	8.2141	67.0	5.1272	27.0	1.4438
146.0	10.5398	106.0	8.1503	66.0	5.0365	26.0	1.3618
145.0	10.4748	105.0	8.0859	65.0	4.9454	25.0	1.2811
144.0	10.4107	104.0	8.0209	64.0	4.8537	24.0	1.2016
143.0	10.3473	103.0	7.9553	63.0	4.7617	23.0	1.1235
142.0	10.2848	102.0	7.8891	62.0	4.6692	22.0	1.0469
141.0	10.2229	101.0	7.8222	61.0	4.5764	21.0	0.9717
140.0	10.1616	100.0	7.7546	60.0	4.4832	20.0	0.8981
139.0	10.1010	99.0	7.6864	59.0	4.3896	19.0	0.8261
138.0	10.0409	98.0	7.6174	58.0	4.2958	18.0	0.7558
137.0	9.9813	97.0	7.5478	57.0	4.2017	17.0	0.6873
136.0	9.9222	96.0	7.4775	56.0	4.1073	16.0	0.6206
135.0	9.8634	95.0	7.4065	55.0	4.0128	15.0	0.5558
134.0	9.8050	94.0	7.3347	54.0	3.9180	14.0	0.4930
133.0	9.7469	93.0	7.2622	53.0	3.8231	13.0	0.4323
132.0	9.6891	92.0	7.1890	52.0	3.7282	12.0	0.3737
131.0	9.6314	91.0	7.1151	51.0	3.6331	11.0	0.3173
130.0	9.5739	90.0	7.0404	50.0	3.5380	10.0	0.2632
129.0	9.5166	89.0	6.9650	49.0	3.4430	9.0	0.2115
128.0	9.4593	88.0	6.8888	48.0	3.3479	8.0	0.1622
127.0	9.4021	87.0	6.8119	47.0	3.2530	7.0	0.1155
126.0	9.3449	86.0	6.7343	46.0	3.1582	6.0	0.0714
125.0	9.2877	85.0	6.6559	45.0	3.0636	5.0	0.0299
124.0	9.2304	84.0	6.5768	44.0	2.9692		
123.0	9.1729	83.0	6.4969	43.0	2.8750		
122.0	9.1154	82.0	6.4163	42.0	2.7811		
121.0	9.0577	81.0	6.3350	41.0	2.6876		
120.0	8.9997	80.0	6.2530	40.0	2.5945		
119.0	8.9415	79.0	6.1703	39.0	2.5019		
118.0	8.8831	78.0	6.0869	38.0	2.4097		
117.0	8.8243	77.0	6.0028	37.0	2.3181		
116.0	8.7652	76.0	5.9181	36.0	2.2271		
115.0	8.7058	75.0	5.8326	35.0	2.1367		
114.0	8.6459	74.0	5.7466	34.0	2.0470		
113.0	8.5857	73.0	5.6599	33.0	1.9581		
112.0	8.5250	72.0	5.5725	32.0	1.8700		
111.0	8.4638	71.0	5.4846	31.0	1.7828		