

TRICOR METER SELECTION AND PRESSURE DROP PROGRAM



CUSTOMER INFORMATION:

DATE: 14.02.2012
 NAME: _____
 PROJECT NAME: _____
 SELECTED METER: ACM-1500.P11

INPUT DATA:

FLUID DENSITY: 1000 kg/m³
 SYSTEM FLOW RATE: 20 L/m
 DYNAMIC VISCOSITY: 6 Centistoke (cSt)

	FLOW	VELOCITY	PRESSURE DROP		% MAX FLOW	ACCURACY
1%	0,20 L/m	0,07 m/s	0,037 bar	0,54 psi	0,80% ±	1,350%
5%	1,00 L/m	0,33 m/s	0,049 bar	0,71 psi	4,00% ±	0,350%
10%	2,00 L/m	0,66 m/s	0,070 bar	1,01 psi	8,00% ±	0,225%
15%	3,00 L/m	0,99 m/s	0,096 bar	1,40 psi	12,00% ±	0,183%
20%	4,00 L/m	1,33 m/s	0,127 bar	1,85 psi	16,00% ±	0,163%
25%	5,00 L/m	1,66 m/s	0,163 bar	2,36 psi	20,00% ±	0,150%
30%	6,00 L/m	1,99 m/s	0,241 bar	3,50 psi	24,00% ±	0,142%
35%	7,00 L/m	2,32 m/s	0,301 bar	4,36 psi	28,00% ±	0,136%
40%	8,00 L/m	2,65 m/s	0,367 bar	5,32 psi	32,00% ±	0,131%
45%	9,00 L/m	2,98 m/s	0,439 bar	6,36 psi	36,00% ±	0,128%
50%	10,00 L/m	3,32 m/s	0,516 bar	7,49 psi	40,00% ±	0,125%
55%	11,00 L/m	3,65 m/s	0,599 bar	8,69 psi	44,00% ±	0,123%
60%	12,00 L/m	3,98 m/s	0,688 bar	9,98 psi	48,00% ±	0,121%
65%	13,00 L/m	4,31 m/s	0,782 bar	11,34 psi	52,00% ±	0,119%
70%	14,00 L/m	4,64 m/s	0,881 bar	12,78 psi	56,00% ±	0,118%
75%	15,00 L/m	4,97 m/s	0,986 bar	14,30 psi	60,00% ±	0,117%
80%	16,00 L/m	5,31 m/s	1,095 bar	15,89 psi	64,00% ±	0,116%
85%	17,00 L/m	5,64 m/s	1,210 bar	17,55 psi	68,00% ±	0,115%
90%	18,00 L/m	5,97 m/s	1,329 bar	19,28 psi	72,00% ±	0,114%
95%	19,00 L/m	6,30 m/s	1,454 bar	21,09 psi	76,00% ±	0,113%
100%	20,00 L/m	6,63 m/s	1,583 bar	22,96 psi	80,00% ±	0,113%

