



## Table 3 - Piston Data

PISTON DIAMETER		PISTON AREA		DISPLACEMENT	
INCHES	MILLIMETERS	IN <sup>2</sup>	CM <sup>2</sup>	GALLONS PER FOOT (gpf)	LITERS PER METER (lpM)
2	50.80	3.142	20.268	0.163	2.026
2 1/4	57.15	3.976	25.652	0.207	2.565
2 1/2	63.50	4.909	31.669	0.255	3.166
2 3/4	69.85	5.94	38.320	0.309	3.831
3	76.20	7.069	45.604	0.367	4.559
3 7/16	87.31	9.28	59.87	0.482	5.986
3 1/2	88.90	9.621	62.072	0.500	6.206
3 3/4	95.25	11.045	71.256	0.574	7.124
3 7/8	98.43	11.793	76.085	0.613	7.607
4	101.60	12.566	81.073	0.653	8.106
4 1/4	107.95	14.186	91.524	0.737	9.150
4 3/8	111.13	15.033	96.987	0.781	9.697
4 1/2	114.30	15.904	102.608	0.826	10.259
4 3/4	120.65	17.721	144.326	0.921	11.430
5	127.00	19.635	126.677	1.020	12.665
5 1/4	133.35	21.648	139.661	1.125	13.963
5 7/16	138.11	23.221	149.815	1.206	14.978
5 1/2	139.70	23.758	153.279	1.234	15.325
5 3/4	146.05	25.967	167.530	1.349	16.749
6	152.40	28.274	182.415	1.469	18.238
6 1/4	158.75	30.680	197.933	1.594	19.789
6 1/2	165.10	33.183	214.084	1.724	21.404
6 3/4	171.45	35.785	230.869	1.859	23.082
7	177.80	38.485	248.287	1.999	24.823
7 1/2	190.50	44.179	285.023	2.295	28.496
7 3/4	196.85	47.173	304.341	2.451	30.428
8	203.20	50.265	324.293	2.611	32.422
8 1/2	215.90	56.745	366.096	2.948	36.602
8 3/4	222.25	60.132	387.948	3.124	38.787
9	228.60	63.617	410.433	3.305	41.035
9 1/2	241.30	70.882	457.303	3.682	45.721
9 3/4	247.65	74.662	481.689	3.879	48.159
10	254.00	78.540	506.707	4.080	50.660
10 1/4	260.35	82.516	532.360	4.287	53.225
10 1/2	266.70	86.590	558.645	4.498	55.853
10 5/8	269.88	88.664	572.025	4.606	57.190
10 3/4	273.05	90.763	585.564	4.715	58.544
11	279.40	95.033	613.116	4.937	61.299
11 1/4	285.75	99.402	641.302	5.164	64.117
11 1/2	292.10	103.869	670.121	5.396	66.998
11 3/4	298.45	108.434	699.573	5.633	69.942
12	304.80	113.097	729.659	5.875	72.950
12 1/4	311.15	117.859	760.378	6.123	76.022
12 1/2	317.50	122.718	791.730	6.375	79.156
12 5/8	320.68	125.185	807.644	6.503	80.747
13 7/8	352.43	151.201	975.491	7.855	97.528
15 7/8	403.23	197.933	1276.982	10.282	127.671
17 7/8	454.03	250.947	1619.010	13.036	161.867

**NOTE:** Gallons per Minute (gpm) or Liters per Minute (lpm) = Displacement (gpf or lpm) x Car Speed (fpm or Mpm)