

Cubic Inch Chart

Piston Bore	Crankshaft Stroke							
	2.875	3.250	3.500	3.750	3.812	3.875	3.937	4.000
3.300	24.58	27.797	29.936	32.074	32.604	33.143	33.673	34.212
3.307	24.69	27.915	30.063	32.210	32.743	33.284	33.816	34.357
3.405	26.16	29.594	31.871	34.147	34.712	35.286	35.850	36.424
3.425	26.48	29.943	32.246	34.550	35.121	35.701	36.272	36.853
3.530	28.11	31.807	34.254	36.700	37.307	37.924	38.531	39.147
3.560	28.60	32.350	34.838	37.327	37.944	38.571	39.188	39.812
3.780	32.26	36.472	39.277	42.083	42.779	43.486	44.181	44.888
3.812	32.80	37.092	39.945	42.798	43.506	44.225	44.933	45.652
3.825	33.03	37.345	40.218	43.091	43.803	44.527	45.240	45.964
3.937	34.99	39.564	42.608	45.651	46.406	47.173	47.928	48.695
3.965	35.51	40.129	43.216	46.303	47.068	47.846	48.612	49.390
4.000	36.11	40.841	43.982	47.124	47.903	48.695	49.474	50.266
4.010	36.31	41.045	44.203	47.360	48.143	48.939	49.722	50.517
4.030	36.66	41.456	44.645	47.834	48.624	49.428	50.219	51.022
4.060	37.20	42.075	45.312	48.547	49.351	50.167	50.969	51.785
4.125	38.41	43.433	46.774	50.115	50.944	51.786	52.614	53.456
4.250	40.76	46.105	49.652	53.199	54.078	54.972	55.851	56.745

Formula for determining cubic inches: **Bore ^ 2 X 0.7854 X Stroke**

All Kohler 10 HP to 18 HP Blocks have a deck height of 8.625

<u>Kohler Block</u>	<u>Standard Bore</u>	<u>Standard Stroke</u>	<u>Factory Rod Length</u>	<u>Factory Intake</u>	<u>Factory Exhaust</u>
10 HP	3.250 x 1.625	2.875	5.562	1.380	1.125
12 HP	3.375 x 1.700	3.250	5.300	1.380	1.125
14 HP	3.500 x 1.700	3.250	5.300	1.380	1.380
16 HP	3.750 x 1.700	3.250	5.300	1.380	1.380
18 HP	3.750 x 1.700	3.250	5.300		

Carburetor Information

10 HP	Throttle Bore = 1.087	Venturi = .812	Stamped with a # 26
12 HP	Throttle Bore = 1.087	Venturi = .812	Stamped with a # 26
14 HP	Throttle Bore = 1.200	Venturi = .937	Stamped with a # 30
16 HP	Throttle Bore = 1.200	Venturi = 1.000	Stamped with a # 30
18 HP	Throttle Bore = 1.250	Venturi = 1.062	OHV K361 1 Cyl.