

A

EMC CYLINDER HEIGHT & ROD/STROKE

B=3.875 Piston Comp Dist=.630

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket 0.035	Pin to Pis Top 0.630		Disp cu.in.	Cyl Height	NEW Hd&Cyl Height 3.750	Rod/S Ratio
4.000	3.750	7.666	0.00	0.00	0.035	0.800	OEM	88.4	4.930	8.680	1.92
4.000	3.875	7.666	0.00	0.02	0.035	0.630	>	94.3	4.740	8.510	1.92
4.250	3.875	7.666	0.00	0.02	0.035	0.630	>	100.2	4.865	8.635	1.80
4.375	3.875	7.666	0.00	0.02	0.035	0.630	>	103.2	4.927	8.697	1.75
4.500	3.875	7.666	0.00	0.02	0.035	0.630	>	106.1	4.990	8.760	1.70
4.625	3.875	7.666	0.00	0.02	0.035	0.630	>	109.1	5.052	8.822	1.66
4.750	3.875	7.666	0.00	0.02	0.035	0.630	>	112.0	5.115	8.885	1.61



B

EMC CYLINDER HEIGHT & ROD/STROKE

B=4.00 Piston Comp Dist=.630

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket 0.035	Pin to Pis Top 0.630		Disp cu.in.	Cyl Height	NEW Hd&Cyl Height 3.750	Rod/S Ratio
4.000	3.750	7.666	0.00	0.00	0.035	0.800	OEM	88.4	4.930	8.680	1.92
4.375	4.000	7.666	0.00	0.02	0.035	0.630	>	110.0	4.927	8.697	1.75
4.500	4.000	7.666	0.00	0.02	0.035	0.630	>	113.1	4.990	8.760	1.70
4.625	4.000	7.666	0.00	0.02	0.035	0.630	>	116.2	5.052	8.822	1.66
4.750	4.000	7.666	0.00	0.02	0.035	0.630	>	119.4	5.115	8.885	1.61
4.375	4.000	8.000	0.00	0.02	0.035	0.630	>	110.0	5.261	9.031	1.83
4.500	4.000	8.000	0.00	0.02	0.035	0.630	>	113.1	5.324	9.094	1.78
4.625	4.000	8.000	0.00	0.02	0.035	0.630	>	116.2	5.386	9.156	1.73
4.750	4.000	8.000	0.00	0.02	0.035	0.630	>	119.4	5.449	9.219	1.68



C

EMC CYLINDER HEIGHT & ROD/STROKE

B=4.125 Comp Dist=.630

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket	Pin to Pis Top		Disp cu.in.	Cyl Height	NEW Hd&Cyl Height	Rod/S Ratio
4.000	3.750	7.666	0.00	0.00	0.035	0.630	OEM	88.4	4.930	3.750 8.680	1.92
4.000	4.125	7.666	0.00	0.02	0.035	0.630	>	106.9	4.740	8.510	1.92
4.250	4.125	7.666	0.00	0.02	0.035	0.630	>	113.6	4.865	8.635	1.80
4.375	4.125	7.666	0.00	0.02	0.035	0.630	>	116.9	4.927	8.697	1.75
4.500	4.125	7.666	0.00	0.02	0.035	0.630	>	120.3	4.990	8.760	1.70
4.625	4.125	7.666	0.00	0.02	0.035	0.630	>	123.6	5.052	8.822	1.66
4.750	4.125	7.666	0.00	0.02	0.035	0.630	>	127.0	5.115	8.885	1.61
4.875	4.125	7.666	0.00	0.02	0.035	0.630	>	130.3	5.177	8.947	1.57
4.250	4.125	8.000	0.00	0.02	0.035	0.630	>	113.6	5.199	8.969	1.88
4.375	4.125	8.000	0.00	0.02	0.035	0.630	>	116.9	5.261	9.031	1.83
4.500	4.125	8.000	0.00	0.02	0.035	0.630	>	120.3	5.324	9.094	1.78
4.625	4.125	8.000	0.00	0.02	0.035	0.630	>	123.6	5.386	9.156	1.73
4.750	4.125	8.000	0.00	0.02	0.035	0.630	>	127.0	5.449	9.219	1.68
4.875	4.125	8.000	0.00	0.02	0.035	0.630	>	130.3	5.511	9.281	1.64



D

EMC CYLINDER HEIGHT & ROD/STROKE

B=4.25 Comp Dist=.630

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket 0.035	Pin to Pis Top 0.630		Disp cu.in.	Cyl Height	NEW Hd&Cyl Height 3.750	Rod/S Ratio
4.000	3.750	7.666	0.00	0.00	0.035	0.800	OEM	88.4	4.930	8.680	1.92
4.375	4.250	7.666	0.04	0.02	0.035	0.630	>	124.1	4.967	8.737	1.75
4.500	4.250	7.666	0.04	0.02	0.035	0.630	>	127.7	5.030	8.800	1.70
4.625	4.250	7.666	0.04	0.02	0.035	0.630	>	131.2	5.092	8.862	1.66
4.750	4.250	7.666	0.04	0.02	0.035	0.630	>	134.8	5.155	8.925	1.61
4.375	4.250	8.000	0.04	0.02	0.035	0.630	>	124.1	5.301	9.071	1.83
4.500	4.250	8.000	0.04	0.02	0.035	0.630	>	127.7	5.364	9.134	1.78
4.625	4.250	8.000	0.04	0.02	0.035	0.630	>	131.2	5.426	9.196	1.73
4.750	4.250	8.000	0.04	0.02	0.035	0.630	>	134.8	5.489	9.259	1.68
4.375	4.250	8.125	0.04	0.02	0.035	0.630	>	124.1	5.426	9.196	1.86
4.500	4.250	8.125	0.04	0.02	0.035	0.630	>	127.7	5.489	9.259	1.81
4.625	4.250	8.125	0.04	0.02	0.035	0.630	>	131.2	5.551	9.321	1.76
4.750	4.250	8.125	0.04	0.02	0.035	0.630	>	134.8	5.614	9.384	1.71



E

EMC CYLINDER HEIGHT & ROD/STROKE

B=4.25 Comp Dist=.700

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket	Pin to Pis Top		Disp cu.in.	Cyl Height	NEW Hd&Cyl Height	Rod/S Ratio
					0.035	0.700				3.750	
4.000	3.750	7.666	0.00	0.00	0.035	0.800	OEM	88.4	4.930	8.680	1.92
4.375	4.250	7.666	0.04	0.02	0.035	0.700	>	124.1	5.037	8.807	1.75
4.500	4.250	7.666	0.04	0.02	0.035	0.700	>	127.7	5.100	8.870	1.70
4.625	4.250	7.666	0.04	0.02	0.035	0.700	>	131.2	5.162	8.932	1.66
4.750	4.250	7.666	0.04	0.02	0.035	0.700	>	134.8	5.225	8.995	1.61
4.875	4.250	7.666	0.04	0.02	0.035	0.700	>	138.3	5.287	9.057	1.57
4.375	4.250	8.000	0.04	0.02	0.035	0.700	>	124.1	5.371	9.141	1.83
4.500	4.250	8.000	0.04	0.02	0.035	0.700	>	127.7	5.434	9.204	1.78
4.625	4.250	8.000	0.04	0.02	0.035	0.700	>	131.2	5.496	9.266	1.73
4.750	4.250	8.000	0.04	0.02	0.035	0.700	>	134.8	5.559	9.329	1.68
4.875	4.250	8.000	0.04	0.02	0.035	0.700	>	138.3	5.621	9.391	1.64
4.375	4.250	8.125	0.04	0.02	0.035	0.700	>	124.1	5.496	9.266	1.86
4.500	4.250	8.125	0.04	0.02	0.035	0.700	>	127.7	5.559	9.329	1.81
4.625	4.250	8.125	0.04	0.02	0.035	0.700	>	131.2	5.621	9.391	1.76
4.750	4.250	8.125	0.04	0.02	0.035	0.700	>	134.8	5.684	9.454	1.71
4.875	4.250	8.125	0.04	0.02	0.035	0.700	>	138.3	5.746	9.516	1.67



F

EMC CYLINDER HEIGHT & ROD/STROKE

B=4.375 Comp Dist=.700

Stroke S	Bore B	Rod Dist	Squish	Base Gasket	Head Gasket	Pin to Pis Top	Disp cu.in.	Cyl Height	NEW	Rod/S Ratio	
									Hd&Cyl Height		
4.000	3.750	7.666	0.00	0.00	0.035	0.700	OEM	88.4	4.930	3.750	1.92
4.375	4.375	7.666	0.04	0.02	0.035	0.700	>	131.5	5.037	8.807	1.75
4.500	4.375	7.666	0.04	0.02	0.035	0.700	>	135.3	5.100	8.870	1.70
4.625	4.375	7.666	0.04	0.02	0.035	0.700	>	139.1	5.162	8.932	1.66
4.750	4.375	7.666	0.04	0.02	0.035	0.700	>	142.8	5.225	8.995	1.61
4.875	4.375	7.666	0.04	0.02	0.035	0.700	>	146.6	5.287	9.057	1.57
4.375	4.375	8.000	0.04	0.02	0.035	0.700	>	131.5	5.371	9.141	1.83
4.500	4.375	8.000	0.04	0.02	0.035	0.700	>	135.3	5.434	9.204	1.78
4.625	4.375	8.000	0.04	0.02	0.035	0.700	>	139.1	5.496	9.266	1.73
4.750	4.375	8.000	0.04	0.02	0.035	0.700	>	142.8	5.559	9.329	1.68
4.875	4.375	8.000	0.04	0.02	0.035	0.700	>	146.6	5.621	9.391	1.64
4.375	4.375	8.125	0.04	0.02	0.035	0.700	>	131.5	5.496	9.266	1.86
4.500	4.375	8.125	0.04	0.02	0.035	0.700	>	135.3	5.559	9.329	1.81
4.625	4.375	8.125	0.04	0.02	0.035	0.700	>	139.1	5.621	9.391	1.76
4.750	4.375	8.125	0.04	0.02	0.035	0.700	>	142.8	5.684	9.454	1.71
4.875	4.375	8.125	0.04	0.02	0.035	0.700	>	146.6	5.746	9.516	1.67

