

NHP Phasing Cylinder Stroke Gain or Loss from Larger to Smaller Bore Size

BORE IN INCHES	BORE IN mm	SHAFT IN INCHES	SHAFT IN mm	AREA PISTON SIDE (in ²)	AREA ROD SIDE (in ²)	STROKE GAIN OR LOSS	BORE IN INCHES
5.5	139.7	2.25	57.15	23.758	19.782		5.5
				↙	0.74%	GAIN	↘
5	127	2.165	55	19.635	15.595		5
				↙	0.30%	GAIN	↘
4.5	114.3	2	50.8	15.904	12.763		4.5
				↙	1.54%	GAIN	↘
4	101.6	1.969	50	12.566	9.523		4
				↙	-1.03%	LOSS	↘
3.5	88.9	1.772	45	9.621	7.156		3.5
				↙	1.22%	GAIN	↘
3	76.2	1.625	41.275	7.096	4.995		3