

TYPE BARREL	EXHAUST PORT						TRANSFER PORT						EXHAUST LEAD						INLET PORT						CRANK CASE COMPRESSION			CARB AREA	TORQUE		BHP	
	HEIGHT H/M	WIDTH M/M	PROJ AREA SQ MM	TIMING DEG	% STROKE	TIME AREA PER 1000 SQ MM DEG	HEIGHT H/M	WIDTH M/M	PROJ AREA SQ MM	TIMING DEG	% STROKE	TIME AREA PER 1000 SQ MM DEG	HEIGHT H/M	PROJ AREA SQ MM	TIMING DEG	% STROKE	TIME AREA PER 1000 SQ MM DEG	HEIGHT H/M	WIDTH M/M	PROJ AREA SQ MM	TIMING DEG	% STROKE	TIME AREA PER 1000 SQ MM DEG	HEIGHT H/M	TIMING DEG	% STROKE	LB FT		RPM	BHP	RPM	
2 T	21	28.8	566	73 1/2°	35%	43 680	11 1/2	17.8	202	56°	18 3/4%	23 320	10 1/2	230	19 1/2°	14 7/16%	3,300	21	31.8	646	65.5°	23%	42 720	28 1/2	60°	45 1/2%	450					
2 T TONKED	23 1/2	28.8	655	82°	37.2%	54 860	1 1/2	17.8	202	56°	18 3/4%	23 320	13	323	26°	18 28 1/4 00		23 1/2	33	763	70°	46 5/8%	57 240	21 1/4	46°	23 1/2%	450					
3 T	22	28.6	607	79°	34.7%	39 640	11	18.8	206	54 1/2°	17 3/4%	19 080	11	304	24 1/2°	17 4 1/4 00		22	32	690	66 1/2°	34.7%	36 440	30	60°	47 2/3%	450					
3 1/2 H	23	34.3	710	76°	32%	27 480	14.5	24	326	55 1/2°	20 2/3%	20 120	8.5	209	16 1/2°	11 8/16%	1 360	30 1/2	40 1/2	1000	86°	53 5/8%	47 080	19	33°	26 4/16%	710	16.2	5.000	17	6.000	
3 1/2 A	23	34	775	76°	32%	31 080	14 1/2	21.6	312	61 1/2°	20 2/3%	20 430	8.5	263	14 1/2°	11 8/16%	1 560	29	40 1/2	975	76°	44%	37 280	25 1/2	44°	36 1/2%	506	12.5	4.500	11.55	5000/5500	
MC 3																													16.5	5.000	17.35	6000
HD 3	25	42	100 1/2	79°	34.2%	41 380	15	22	257	60 1/2°	20 3/4%	18 160	10	376	18 1/2°	13 4/16%	2 320	32	42	1248	76°	44%	48 040	25 1/2	43 1/2°	35 4/16%	710	18	5.500	18.7	6.000	
TE 3	17 1/2	33	648	66°	24.3%	21 180	11 1/2	21	211	53°	16%	11 440	6	200	13°	8 3/16%	1 160	25 1/2	42	923	66°	35 4/16%	27 130	35 1/2	61°	42 4/16%	506	12.8	3.000	2.17	4.000	
TE 3 A	21 1/2	33	814	74°	23.9%	30 920	13	22	251	57°	18 1/2%	14 880	8 1/2	307	17°	11 0/16%	1 260	25 1/2	42	106 1/2	66°	35 4/16%	32 920	31 1/2	57°	44 8/16%	506					
VILLIERS 68 x 68	25	42.6	915	87 1/2°	37.4%	40 360	31	24	344	65 1/2°	23 6/16%	24 280	9	220	22°	14 1/2%	2 200	24 1/2	46	941	66°	35 4/16%	32 920	26 1/2	46°	39%	875					
GREENE 68 x 68	24	43	975	79°	35.5%	41 380	14 1/4	23	292	60 5/8°	21%	18 660	9 3/4	355	18 1/2°	14 3/16%	2 160	39 1/2	43	1172	76°	43 4/16%	44 760	23 1/4	41 1/2°	35%	875					