

GENERAL SPECIFICATIONS

MODEL	CH-185	CH-220	CH-270	CH-350	SS-300 SC-300
C.I.D.	292	307	350	454	350
NO. OF CYL.	6	8	8	8	8
BORE	3.87	3.87	4.00	4.25	4.00
STROKE	4.12	3.27	3.48	4.00	3.48
COMPRESSION RATIO	7.8:1	8.1:1	8.8:1	8.6:1	8.8:1
COMPRESSION PRESSURE	140 PSI	150 PSI	150 PSI	150 PSI	150 PSI
POINT GAP DELCO	.018	.016	.016	.016	.016
POINT GAP MALLORY	.024	.020	.020	.020	.020
POINT MAL. DWELL DELCO	31°-34°	28°-31°	28°-31°	28°-31°	28°-31°
POINT SPRING TENSION	17-21 OZ	17-21 OZ	17-21 OZ	17-21 OZ	17-21 OZ
SPARK PLUG AC	R-43T	R-43T	R-43T	R-43T	R-43T
SPARK PLUG CHAMPION	RBL-8	RBL-8	RBL-8	RBL-8	RBL-8
SPARK PLUG GAP	.035	.035	.035	.035	.035
TIMING AT 500 RPM	10° BTDC	10° BTDC	10° BTDC	10° BTDC	10° BTDC
MAX RPM @ W.O.T.	3800	4000	4000	4400	4600
IDLE RPM	550-650	550-650	550-650	550-650	550-650
FIRING ODR. R.H. ROT.	142635	12756348	12756348	12756348	N.A.
FIRING ODR. L.H. ROT.	153624	18436572	18436572	18436572	18436572
CARBURETOR	2-BBL	4-BBL	4-BBL	4-BBL	4-BBL
FUEL REQ'D	93 OCTANE RESEARCH MIN.*				
FUEL PUMP PRESSURE	4-7 PSI	4-7 PSI	4-7 PSI	4-7 PSI	4-7 PSI
ELECTRICAL SYSTEM	12 VOLT NEGATIVE GROUND				
OIL PRESS. @2000 RPM	30-45 PSI	30-45 PSI	30-45 PSI	30-45 PSI	30-45 PSI
CRANKCASE CAPACITY	6 - QTS.	6- QTS.	6 - QTS.	6 - 7 QTS.	5 - QTS.
OIL FLTR. REMOTE	N.A.	AC-PF- 2	AC-PF-2	AC-PF-2	AC-PF-2
OIL FLTR. STANDARD	PF-11	AC-PF-25	AC-PF-25	AC-PF-25	
ALTERNATOR RATING	50 AMP	50 AMP	50 AMP	50 AMP	50 AMP
BATTERY RATING	70 AMP	70 AMP	70 AMP	90 AMP	90 AMP
VALVE LASH	3/4 TURN DOWN FROM "O" LASH				

*DO NOT USE — LEAD FREE OR NO-LEAD FUELS