

CRANE CAMS® CAMSHAFT SPECIFICATION CARD

PART NUMBER: **16HR00004** ENGINE TYPE: **HYDRAULIC ROLLER SPECIAL**
 GRINDNO: **HR-236/359-2S-14 IRON GEAR**
 ENGINE IDENT: **1996-UP CHEVROLET V-8 454 THRU 502 CU.IN.**
HYD. ROLLER WITH CAST IRON DISTRIBUTOR
DRIVE GEAR.

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|---|-------------------------------|---------------------|-------------------|--|-------------------------|
| VALVE SETTING: INTAKE .000 | | EXHAUST .000 | | → HOT | |
| INTAKE @ CAM | 359 | @ VALVE | 610 | ROCKER ARM RATIO | |
| LIFT: EXHAUST @ CAM | 372 | @ VALVE | 632 | 1.70 | |
| <small>ALL LIFTS ARE BASED ON ZERO LASH AND THEORETICAL ROCKER RATIOS</small> | | | | | |
| CAM TIMING | | OPENS | CLOSES | ADVERTISED DURATION | |
| .004 | INTAKE | 36.0 BTDC | 82.0 ABDC | 298 ° | |
| @ TAPPET | LIFT EXHAUST | 88.0 BBDC | 38.0 ATDC | 306 ° | |
| SPRING REQUIREMENTS | | | | RECOMMENDED RPM RANGE WITH MATCHING COMPONENTS | |
| PART NUMBER | TRIPLE 99896 | DUAL | OUTER | INNER | MINIMUM RPM 2200 |
| LOADS: CLOSED: | 150 LBS | @ 1.900 | OR | 1 29/32 | MAXIMUM RPM 5800 |
| OPEN: | 414 LBS | @ 1.306 | | | VALVE FLOAT 6400 |
| CAM TIMING | OPENS | CLOSES | MAX LIFT | DURATION | |
| @ .050 | INTAKE 9.0 BTDC | 47.0 ABDC | 109 ° ATDC | 236 ° | |
| TAPPET | LIFT EXHAUST 61.0 BBDC | 3.0 ATDC | 119 ° BTDC | 244 ° | |
| CRANE 26535-16 LONG TRAVEL HYDRAULIC ROLLER LIFTERS MUST BE USED WITH GREATER THAN .570 LIFT CAMSHAFTS TO PREVENT ALIGNMENT BAR DISENGAGEMENT. | | | | | |

IMPORTANT!

Crane Cams continuously improves and upgrades its cam designs. In some cases this may mean that two Crane Cams with the same part number may actually be different grinds. You must check the GRIND NUMBER stamped on the front of the camshaft and check it against the Grind Number near the top of the Spec Card. For more information on the finest available camshafts, valve train components, and automotive ignition products, visit your local Crane dealer or call the Crane Cams tech line at: (866) 388-5120 or fax (386) 236-9983.

CRANE CAMS 1830 HOLSONBACK DRIVE DAYTONA BEACH, FL 32117
 TECHNICAL INFORMATION CALL (866) 388-5120 OR FAX (386) 236-9983