

# CRANE CAMS® CAMSHAFT SPECIFICATION CARD

PART NUMBER: **64X024** ENGINE TYPE: **HYDRAULIC SPECIAL**  
 GRINDNO: **FIREBALL 294A**  
 ENGINE IDENT: **1958-78 PLYMOUTH-DODGE-CHRYSLER "B" V-8**  
**350 THRU 440 CU.IN. (SINGLE BOLT GEAR)**

VALVE SETTING: INTAKE		.000	EXHAUST		.000	→ HOT
INTAKE @ CAM		298	@ VALVE		447	ROCKER ARM RATIO
LIFT: EXHAUST @ CAM		298	@ VALVE		447	1.5
ALL LIFTS ARE BASED ON ZERO LASH AND THEORETICAL ROCKER RATIOS						
CAM TIMING			OPENS	CLOSES	ADVERTISED DURATION	
		INTAKE	32 BTDC	82 ABDC	294	
@ TAPPET	LIFT	EXHAUST	80 BBDC	34 ATDC	294	
SPRING REQUIREMENTS					RECOMMENDED RPM RANGE WITH MATCHING COMPONENTS	
PART NUMBER	TRIPLE	DUAL	OUTER	INNER		
	99839					
LOADS:	CLOSED:	95 LBS	@ 1.875	OR 1 7/8		
	OPEN:	240 LBS	@ 1.475			
					MINIMUM RPM	3000
					MAXIMUM RPM	6200
					VALVE FLOAT	6800
CAM TIMING			OPENS	CLOSES	MAX LIFT	DURATION
@ .050		INTAKE	4 BTDC	42 ABDC	109 ° ATDC	226 °
TAPPET	LIFT	EXHAUST	52 BBDC	(6)BTDC	119 ° BTDC	226 °
FIREING ORDER: 1-8-4-3-6-5-7-2						

## 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