

others  
Built to "do the job"

King  
Built to "WIN"



Application	KING Nbr	ACL Ref
1.5L SOHC 8v/16v D15B, D15Z	CR4046XP	4B1956H
	MB5244AM**	5M1932
	TW 110AM	1T1952
1.6L DOHC 16v B16A	CR 439XP	4B1946H
	MB5259XP	5M1959H
	TW 140AM	1T1957
1.6L SOHC/DOHC 16v D16A, D16B, D16Y, D16Z	CR4046XP	4B1956H
	MB5568XP	5M1957H
	TW 140AM	1T1957
	CR 439XP	4B1946H
1.6L SOHC 16v D16W	MB5259XP	5M1959H
	TW 140AM	1T1957
	CR4512SI**	4B1980
	MB5568XP	5M1957H
1.7L DOHC 16v B17A1	TW 140AM	1T1957
	CR 439XP	4B1946H
	MB5168XP	5M1957H
1.8L DOHC 16v B18A, B18A1, B18B1, B18B2	CR 439XP	4B1946H
	MB5168XP	5M1957H
	TW 110AM	1T1952
2.0L DOHC 16v B20B3, B20B8	CR4287XP	4B1925H
	MB5259XP	5M1959H
	TW 140AM	1T1957
1.7L SOHC 16v D17A, D17Z	CR 439XP	4B1946H
	MB5568XP	5M1957H
	TW 140AM	1T1957
1.8L SOHC 12v A18A, ES, ET	CR 439XP	4B1946H
	MB5568XP	5M1957H
	TW 140AM	1T1957
1.9L SOHC 16v F18B	CR4033XP	4B1912H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.0L SOHC 12v A20A	CR4046XP	4B1956H
	MB5259XP	5M1959H
	TW 140AM	1T1957
2.0L SOHC 16v F20B	CR4033XP	4B1912H
	MB5568XP	5M1957H
	TW 140AM	1T1957
1.8L DOHC VTEC 16v B18C1, B18C5	CR4046XP	4B1956H
	MB5259XP	5M1959H
	TW 140AM	1T1957
2.0L SOHC 12v B20A3	CR4046XP	4B1956H
	MB5259XP	5M1959H
	TW 140AM	1T1957
2.0L DOHC 16v B20A5	CR4046XP	4B1956H
	MB5259XP	5M1959H
	TW 140AM	1T1957
2.1L DOHC 16v B21A1	CR4033XP	4B1912H
	MB5673XP	5M1913H
	TW 140AM	1T1957
2.2L DOHC 16v H22A4, H22Z	CR4542XP	4B1972H
	MB5259XP	5M1959H
	TW 140AM	1T1957
2.0L DOHC 16v B20B4, B20Z2	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.0L DOHC 16v F20C	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.2L DOHC 16v F22C	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.0L DOHC 16v K20A2, K20Z1	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.4L DOHC 16v K24A, K24Z1	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957
2.3L SOHC 16v F23A, F23Z	CR4541XP	4B1906H
	MB5568XP	5M1957H
	TW 140AM	1T1957

\* Available sizes: STD, STD, .025, 0.25 \*\* SI version

**KING**  
ENGINE BEARING SPECIALISTS [www.kingracebearings.com](http://www.kingracebearings.com)

MRK-RC005 REV-01



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# King Racing Honda series



Honda S2000 Race Car MotoIQ Pacific Tuner Car Championships

**KING RACING**  
HIGH PERFORMANCE BEARINGS

## Honda Engines Challenges

## King Racing Solutions

### Fatigue

**pMax-Black™** tri-metal structure is strengthened by a proprietary nano-scaled hardening process that creates a black fatigue - resistant shield. Enables 17% more fatigue resistance.  
**U-Groove™** - a unique 90° oil groove shape. Increases bearing load capacity by expanding the surface area, while keeping oil flow capacity intact.

### Oil Starvation

**ElliptiX™** - a newly designed oil slot/oil hole hybrid that improves oil ingress, without affecting the bearing's surface.

### Consistency

**Bull's Eye Tolerance™** production technology outperforms the industry's wall thickness tolerance, ensuring the least thickness variation shell-to-shell.

### Hydrodynamic Lubrication

**EccentriX™** - an optimized eccentricity value reached through theoretical simulations and elasto - hydrodynamic analysis. Ensures stable hydrodynamic lubrication regime and better oil wedge formation.

### Spun Bearing

**RadiaLock™** optimal crush height values reached through theoretical simulations ensures perfect radial pressure and spun bearing prevention.

