



Crane Technologies
 sales@cranecams.com.au
 Ph. 08 8363 5566

www.cranecams.com.au

Crane Hydraulic Roller Cams For LS1 Engines

December 07

Our LS cam designs incorporate the concept of producing the most power under the curve while maintaining the absolute lowest noise level possible and assuring the highest level of longevity.

Crane Cams has over 150 different catalogue part numbers for LS series cams. We can provide an infinite number of custom grinds, as well. Some of the most popular computer profiles are listed here.

Note: RPM range is where the cam operates best. Cams will RPM higher, depending on setup (springs/blown/turbo/etc.)

Do not compare RPM range with other cam manufacturer's Inflated figures!

Part Number	Grind	In. Dur. @ .050	Ex. Dur. @ .050	LSA	In. Cam Lift	Ex. Cam Lift	In. Valve Lift w1.7	Ex. Valve Lift w1.7	RPM Range	Notes
1449561	HR-216/3241-2S-15	216	224	115	3241	3241	551	551	2000-6000	Mild Blown
144HR00133	HR-224/347-2S-14 4A	224	228	114	347	347	590	590	2300-6200	LS2
144HR00116	HR-228/353-2S1-14 2A	228	232	114	353	353	600	600	2400-6500	
144HR00060	HR-228/3241-2S-12	228	232	112	3241	3241	551	551	2400-6500	Use 1.8
1449601	HR-228/353-2S-12	228	232	112	353	353	600	600	2400-6500	Awesome
144HR00140	HR-232/347-2S-14 2A	232	234	114	347	347	590	590	2500-6800	LSHS
144HR00104	HR-232/353-2S1-12 3A	232	236	112	353	353	600	600	2600-6600	
144HR00094	HR-232/353-2S1-14	232	236	114	353	353	600	600	2500-6700	
144HR00111	HR-232/353-2SR-15 2A	232	228	115	353	353	600	600	2400-6600	Turbo
144HR00102	HR-232/353-2SR-17 2A	232	228	117	353	353	600	600	2400-6600	Turbo
144HR00103	HR-232/353-2SR-18 2A	232	228	118	353	353	600	600	2400-6600	Turbo
144HR00135	HR-232-367-2S1-10 2A	232	236	110	367	367	624	624	2600-7000	LSHS
144HR00115	HR-232/367-2S1-12 4A	232	236	112	367	367	624	624	2600-7000	LSHS
144HR00107	HR-232/367-2S-12 3A	232	234	112	367	347	624	590	2600-7000	LSHS
144HR00110	HR-236/347-2S-14 2A	236	240	114	347	347	590	590	2800-6800	
1449611	HR-236/353-2S-12	236	240	112	353	353	600	600	2900-6800	
144HR00093	HR-236/353-2S-14	236	240	114	353	353	600	600	2800-6800	
144HR00076	HR-236/353-2-14 4A	236	246	114	353	353	600	600	2800-6800	Blown
144HR00120	HR-240/353-2S1-12 4A	240	244	112	353	347	600	590	2900-6900	
144HR00082	HR-240/353-2S-14 4A	240	246	114	353	353	600	600	2900-6900	
144HR00057	HR-240/353-2SR-14	240	236	114	353	353	600	600	2900-6900	
144HR00136	HR-246/367-2S-14 3A	246	252	114	367	347	624	590	3000-7100	LSHS
144HR00132	HR-246/367-2-14	246	256	114	367	367	624	624	3200-7200	Blown
144HR00142	HR-256/367-2-13 3A	256	266	113	367	367	624	624	3200-7300	LSHS
144HR00144	HR-256/367-2-13 3A	256	264	113	367	367	624	624	3200-7300	LSHS
144HR00138	HR-260/367-2S-14 0A	260	266	114	367	367	624	624	3500-7400	LSHS

Crane Mechanical Roller Cams For LS1 Engines

Part Number	Grind	In. Dur. @ .050	Ex. Dur. @ .050	LSA	In. Cam Lift	Ex. Cam Lift	In. Valve Lift w1.7	Ex Valve Lift w1.7	RPM Range	Notes
144R000007	R-242/353-2S-14	242	248	114	353	353	600	600	3300-7500	
144R000005	R-248/353-2S-10 0A	248	260	110	353	353	600	600	3600-7600	
144R000010	R-248/353-2S-6	248	260	106	353	353	600	600	3600-7500	
144R000012	R-262/395-2S-8	262	268	108	395	395	671	671	3800-7800	



Holden LS1 Custom Crane Cams

Each outright Crane custom-ground cam has its own unique part number. This allows you to reorder the exact same cam any time you wish to reorder. You won't need to re-state the lobe profile, centreline, or other option specs. Just refer to the part number shown in the upper left corner of your crane cam timing specs card, or from your invoice. This nine or ten digit part number indicates the crane engine prefix, basic type of cam and a numerical sequence per each type. I.E 144HR00115 is a HR-232/367-2S1-12 4A, Which translates to: Hydraulic roller 232 deg @ .050" with .367" Inlet lobe lift. The 2S1 designates the Exhaust duration is different to the inlet, the 12 is the lobe separation (112 deg) and the 4A signifies the advance ground into the cam (4 degrees advance). If there is no number here then the advance is usually 5 degrees.

If you want a custom cam done it is a matter of selecting a lobe for the inlet, lobe for the exhaust, a lobe separation angle and advance. The 2 digit number at the end of the listings on this page signifies the base circle size and is not used when ordering a cam. Generally it is recommended you use lobes (in and ex) from the same series but this does not always have to be adhered to.

CRANE LSHS
HR-224/3441.47
HR-224/347.46
HR-228/347.46
HR-228/367.42
HR-232/347.46
HR-232/367.42
HR-234/347.46
HR-234/367.42
HR-236/347.46
HR-236/367.42
HR-238/347.46
HR-240/347.46
HR-240/367.42
HR-244/347.46
HR-246/367.42
HR-252/347.46
HR-256/350.46
HR-256/367.42
HR-260/367.42
HR-264/367.42
HR-266/367.42
HR-272/367.42

LSHS Cam Profiles

Crane Cams has recently released our newest line of "extremely aggressive" camshaft lobes. Designated the LSHS series of lobes, these lobes are tailored to the more serious and larger displacement LS engines. They require advanced tuning, readily available today at most tuner shops. The new cams will produce ultimate power gains while maintaining good valvetrain longevity.

CRANE HR5
HR-200/2951.55
HR-208/2951.55
HR-210/3121.53
HR-210/3241.51
HR-216/3241.51
HR-216/344.47
HR-218/3121.53
HR-218/3241.51
HR-220/3241.51
HR-220/3333.49
HR-222/3241.51
HR-222/344.47
HR-224/3241.51
HR-224/344.47
HR-228/3241.51
HR-228/3333.49
HR-228/344.47
HR-228/353.45
HR-232/3241.51
HR-232/353.45
HR-236/3241.51
HR-236/353.45
HR-238/3333.49
HR-240/353.45
HR-246/353.45

Quick-Lift HR5 Cam Profiles

Our LS series cam designs incorporate the concept of producing the most power under the curve while maintaining the absolute lowest noise level possible and assuring the highest level of longevity. These cams are primarily suited to street performance applications where drivability is paramount and tuning issues are slight.