



LS<sub>R</sub>™ CAMS (THREE-BOLT) CONT.

**LS<sub>R</sub>™ CATHEDRAL PORT (ALL OUT POWER FOR 5.7L-6.2L)**

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT W/1.7 ROCKER		LOBE SEP. ANGLE
	IN.	EX.				ADVERTISED IN.	EX.	@ .050"		IN.	EX.	
HYDRAULIC ROLLER-Very wide power range and excellent mid-range torque for LS engines with cathedral port cylinder head.	Hyd.	Hyd.	2000 to 7000	54-459-11	281LR HR13	281	289	231	239	.617	.624	113°
HYDRAULIC ROLLER-Very strong from mid-range to high end torque and horsepower for LS engines with cathedral port cylinder heads.	Hyd.	Hyd.	2200 to 7200	54-460-11	285LR HR13	285	293	235	243	.621	.624	113°
HYDRAULIC ROLLER-Broad top end power range for high rpm, race only LS engines with aftermarket cathedral port cylinder heads & higher compression.	Hyd.	Hyd.	2400 to 7200	54-461-11	289LR HR14	289	297	239	247	.624	.624	114°
HYDRAULIC ROLLER-Excellent top end and high rpm power for race style LS engines with aftermarket cathedral port cylinder heads.	Hyd.	Hyd.	2600 to 7200	54-462-11	293LR HR14	293	301	243	251	.624	.624	114°

**LS<sub>R</sub>™ CATHEDRAL PORT (FOR LARGE DISPLACEMENT ONLY, 6.2L-7.4L)**

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT W/1.7 ROCKER		LOBE SEP. ANGLE
	IN.	EX.				ADVERTISED IN.	EX.	@ .050"		IN.	EX.	
HYDRAULIC ROLLER-400+ci, high rpm applications with major modifications and cathedral port cylinder heads.	Hyd.	Hyd.	2400 to 7000	54-463-11	297LRx HR14	297	305	247	255	.624	.624	114°
HYDRAULIC ROLLER-420+ci, high compression, high rpm, cathedral CNC-ported heads in race type applications.	Hyd.	Hyd.	2600 to 7000	54-464-11	301LRx HR15	301	309	251	259	.624	.624	115°
HYDRAULIC ROLLER-440+ci, purpose built applications focusing on power above 6000 rpm with cathedral port heads.	Hyd.	Hyd.	2800 to 7200	54-465-11	305LRx HR15	305	313	255	263	.624	.624	115°
HYDRAULIC ROLLER-All out power for extreme displacement race application engines with cathedral port cylinder heads.	Hyd.	Hyd.	3000 to 7200	54-466-11	309LRx HR15	309	317	259	267	.624	.624	115°

**LS<sub>R</sub>™ RECTANGULAR PORT (ALL OUT POWER FOR 5.7L-6.2L)**

APPLICATION/CAMSHAFTS	VALVE SETTING		RPM OPERATING RANGE	CAMSHAFT PART NUMBER	CAM GRIND NUMBER	DURATION				VALVE LIFT W/1.7 ROCKER		LOBE SEP. ANGLE
	IN.	EX.				ADVERTISED IN.	EX.	@ .050"		IN.	EX.	
HYDRAULIC ROLLER-Very wide power range and excellent mid-range torque for LS engines with rectangular port cylinder heads.	Hyd.	Hyd.	2000 to 7000	54-469-11	281LRR HR13	281	297	231	247	.617	.624	113°
HYDRAULIC ROLLER-Very strong from mid-range to high end torque and horsepower for LS engines with rectangular port cylinder heads.	Hyd.	Hyd.	2200 to 7200	54-470-11	285LRR HR13	285	301	235	251	.621	.624	113°
HYDRAULIC ROLLER-Broad top end power range for high rpm, race only LS engines with aftermarket rectangular port cylinder heads & higher compression.	Hyd.	Hyd.	2400 to 7200	54-471-11	289LRR HR14	289	305	239	255	.624	.624	114°
HYDRAULIC ROLLER-Excellent top end and high rpm power for race style LS engines with aftermarket rectangular port cylinder heads.	Hyd.	Hyd.	2600 to 7200	54-472-11	293LRR HR14	293	309	243	259	.624	.624	114°