

LOBE SPECIFICATION CHART			(HYDRAULIC & HYDRAULIC ROLLER)							
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
R.V. Hydraulic: .842" Dia.	.250"	236°	186°	150°	84°	—	H-361	.375"	.400"	.425"
	.266"	248°	194°	162°	100°	—	H-372	.400"	.425"	.452"
	.272"	258°	200°	170°	106°	—	H-168	.408"	.435"	.462"
	.278"	262°	208°	175°	113°	—	H-312	.417"	.445"	.473"
	.283"	256°	202°	172°	112°	—	H-375	.425"	.453"	.481"
	.290"	258°	208°	176°	116°	—	H-606	.435"	.464"	.493"
	.290"	262°	208°	176°	118°	—	H-373	.435"	.464"	.493"
	.293"	270°	214°	183°	122°	—	H-353	.440"	.469"	.498"
	.310"	280°	224°	191°	130°	34°	H-352	.465"	.496"	.527"
Hydraulic Lift Rule: "OVAL TRACK" .842" Dia.	.242"	288°	242°	205°	111°	—	H-573	.363"	.387"	.411"
	.242"	294°	248°	211°	113°	—	H-497	.363"	.387"	.411"
	.260"	296°	248°	212°	129°	—	H-568	.390"	.416"	.442"
	.262"	252°	208°	178°	110°	—	H-647	.393"	.419"	.445"
	.264"	268°	228°	195°	121°	—	H-551	.396"	.422"	.449"
	.264"	276°	236°	202°	125°	—	H-566	.396"	.422"	.449"
	.268"	296°	248°	213°	134°	—	H-498	.402"	.429"	.455"
	.275"	260°	216°	186°	121°	—	H-648	.412"	.440"	.467"
	.277"	264°	224°	193°	126°	—	H-601	.415"	.443"	.471"
	.277"	272°	232°	200°	130°	—	H-552	.415"	.443"	.471"
	.277"	280°	240°	207°	136°	—	H-567	.415"	.443"	.471"
	.281"	296°	248°	214°	142°	—	H-448	.420"	.449"	.477"
	.333"	286°	240°	209°	151°	74°	H-655	.500"	.532"	.566"
	Performance Street, Strip, & Oval Track: .842" Dia.	.300"	264°	214°	181°	122°	—	H-520	.450"	.480"
.300"		278°	234°	202°	141°	—	H-593	.450"	.480"	.510"
.300"		288°	244°	212°	150°	—	H-595	.450"	.480"	.510"
.303"		268°	224°	193°	134°	23°	H-569	.454"	.485"	.515"
.310"		270°	221°	188°	130°	38°	H-390	.465"	.496"	.527"
.320"		280°	224°	192°	135°	54°	H-583	.480"	.512"	.544"
.320"		284°	236°	203°	144°	60°	H-609	.480"	.512"	.544"
.323"		280°	232°	199°	142°	60°	H-391	.485"	.517"	.549"
.326"		274°	226°	194°	137°	61°	H-438	.490"	.522"	.554"
.337"		292°	244°	211°	153°	75°	H-392	.505"	.539"	.573"
.337"		298°	252°	220°	162°	83°	H-584	.505"	.539"	.573"
.340"		284°	236°	203°	144°	73°	H-439	.510"	.544"	.578"
.350"		304°	256°	222°	164°	92°	H-393	.525"	.560"	.595"
.354"		296°	248°	214°	158°	91°	H-443	.530"	.566"	.602"
.370"		306°	258°	224°	166°	101°	H-442	.555"	.592"	.629"
Hydraulic Roller: Small Block Chevy V8		.300"	252°	204°	172°	116°	—	HR-524	.450"	.480"
	.310"	257°	209°	178°	122°	36°	HR-501	.465"	.496"	.527"
	.323"	265°	217°	185°	131°	56°	HR-500	.485"	.517"	.549"
	.337"	272°	225°	194°	141°	72°	HR-481	.505"	.539"	.573"
	.353"	282°	234°	201°	150°	86°	HR-474	.530"	.565"	.600"
	.366"	294°	246°	210°	157°	98°	HR-525	.550"	.586"	.622"
Hydraulic Roller: Big Block Chevy V8 and Ford 302 HO V8	.290"	252°	204°	172°	113°	—	HR-542	.435"	.465"	.495"
	.300"	257°	210°	178°	120°	—	HR-543	.450"	.480"	.510"
	.312"	265°	218°	185°	129°	42°	HR-544	.468"	.500"	.530"
	.325"	275°	228°	196°	139°	61°	HR-545	.488"	.520"	.552"
	.340"	284°	238°	206°	150°	80°	HR-546	.510"	.544"	.578"
	.358"	294°	248°	216°	162°	96°	HR-547	.537"	.573"	.608"
	.363"	305°	258°	226°	171°	103°	HR-636	.544"	.581"	.617"

**LOBE SPECIFICATION CHART
EXPANSION TECHNOLOGY SERIES**

(HYDRAULIC ROLLER) LATE MODEL LS-1 CHEVY V-8

TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash @ 1.7 ROCKER RATIO
LS-1 Standard Series Hydraulic Roller 1.450" Dia. Base Circle	.325"	254°	206°	176°	126°	56°	HR-674	.553"
	.330"	260°	212°	181°	131°	62°	HR-673	.561"
	.333"	263°	215°	184°	134°	65°	HR-740	.566"
	.335"	266°	218°	187°	136°	68°	HR-672	.570"
	.338"	269°	221°	190°	139°	71°	HR-741	.575"
	.340"	272°	224°	193°	142°	75°	HR-671	.578"
	.342"	300°	256°	225°	168°	97°	HR-731	.581"
	.344"	275°	227°	196°	145°	78°	HR-742	.585"
	.348"	278°	230°	200°	151°	86°	HR-675	.592"
	.350"	281°	233°	203°	154°	89°	HR-743	.595"
	.352"	284°	236°	206°	157°	93°	HR-676	.598"
	.353"	294°	250°	220°	166°	98°	HR-730	.600"
	.356"	288°	240°	210°	161°	97°	HR-744	.605"
	.359"	290°	243°	213°	163°	99°	HR-670	.610"
	.360"	296°	249°	219°	168°	104°	HR-669	.612"
	.370"	302°	254°	225°	174°	110°	HR-677	.629"
	.375"	308°	260°	231°	180°	116°	HR-678	.638"
LS-1 NEW HRX Max Area Lift Curve Series Hydraulic Roller 1.450" Dia. Base Circle	.290"	260°	214°	183°	124°	—	HR-887	.493"
	.309"	260°	212°	183°	130°	39°	HR-848	.525"
	.313"	254°	210°	181°	127°	45°	HR-800	.532"
	.313"	256°	212°	183°	129°	45°	HR-801	.532"
	.313"	258°	214°	185°	131°	46°	HR-802	.532"
	.313"	260°	216°	187°	133°	47°	HR-803	.532"
	.340"	284°	240°	211°	157°	85°	HR-804	.578"
	.340"	286°	242°	213°	159°	86°	HR-805	.578"
	.340"	288°	244°	215°	161°	87°	HR-806	.578"
	.340"	290°	246°	217°	163°	87°	HR-807	.578"
	.342"	273°	224°	195°	146°	79°	HR-815	.581"
	.353"	264°	214°	184°	139°	82°	HR-813	.600"
	.356"	268°	218°	188°	143°	86°	HR-814	.605"
	.358"	274°	224°	194°	149°	90°	HR-816	.608"
	.358"	277°	227°	198°	152°	93°	HR-837	.608"
	.360"	280°	230°	201°	154°	95°	HR-817	.612"
	.362"	286°	236°	207°	159°	98°	HR-818	.615"
	.365"	292°	242°	212°	165°	104°	HR-819	.620"
	.382"	286°	242°	213°	164°	110°	HR-808	.650"
	.382"	288°	244°	215°	166°	112°	HR-809	.650"
.382"	290°	246°	217°	168°	113°	HR-810	.650"	
.382"	292°	248°	219°	170°	115°	HR-811	.650"	
.394"	292°	248°	219°	170°	118°	HR-812	.670"	

LOBE SPECIFICATION CHART HYDRAULIC, HYDRAULIC ROLLER & SOLID LIFTER (EXPANSION TECHNOLOGY SERIES)

TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
Oval Track; Hydraulic Lift Rule .842" Dia Lifter	.250"	250°	202°	169°	96°	—	H-893	.375"	.400"	.425"
	.250"	256°	208°	174°	99°	—	H-894	.375"	.400"	.425"
	.250"	264°	216°	181°	103°	—	H-895	.375"	.400"	.425"
	.260"	262°	215°	177°	104°	—	H-749	.390"	.416"	.442"
	.280"	276°	236°	204°	134°	—	H-738	.420"	.448"	.476"
	.280"	284°	244°	211°	140°	—	H-737	.420"	.448"	.476"
	.280"	286°	246°	214°	142°	—	H-835	.420"	.448"	.476"
	.280"	290°	250°	218°	146°	—	H-836	.420"	.448"	.476"
	.280"	294°	254°	222°	150°	—	H-897	.420"	.448"	.476"
	.300"	274°	230°	199°	139°	—	H-838	.450"	.480"	.510"
	.300"	284°	240°	208°	147°	—	H-735	.450"	.480"	.510"
	.300"	292°	248°	216°	154°	—	H-736	.450"	.480"	.510"
	.320"	290°	244°	212°	152°	61°	H-700	.480"	.512"	.544"
	.334"	280°	242°	212°	153°	77°	H-851	.501"	.534"	.568"
	.334"	284°	246°	216°	157°	79°	H-852	.501"	.534"	.568"
	.357"	300°	252°	219°	162°	95°	H-881	.536"	.571"	.607"
.363"	304°	256°	223°	165°	100°	H-880	.545"	.581"	.617"	
Hydraulic Roller Small Block Chevy V-8 1.100" Dia. Base Circle	.290"	268°	220°	187°	125°	—	HR-878	.435"	.464"	.493"
	.316"	272°	218°	186°	131°	48°	HR-853	.474"	.506"	.537"
	.326"	256°	209°	177°	126°	56°	HR-745	.489"	.522"	.554"
	.340"	276°	222°	191°	140°	74°	HR-854	.510"	.544"	.578"
	.350"	266°	222°	192°	142°	78°	HR-746	.525"	.560"	.595"
	.373"	270°	222°	191°	144°	92°	HR-759	.560"	.597"	.634"
	.373"	274°	226°	196°	149°	96°	HR-760	.560"	.597"	.634"
Hydraulic Roller Big Block Chevy and Ford 302 HO V-8 1.200" Dia. Base Circle	.278"	291°	241°	206°	135°	—	HR-861	.417"	.445"	.473"
	.278"	296°	246°	211°	139°	—	HR-862	.417"	.445"	.473"
	.372"	282°	236°	204°	152°	93°	HR-762	.558"	.595"	.632"
	.372"	286°	240°	208°	156°	97°	HR-763	.558"	.595"	.632"
	.372"	290°	244°	212°	160°	101°	HR-764	.558"	.595"	.632"
	.372"	294°	248°	216°	164°	105°	HR-682	.558"	.595"	.632"
	.372"	298°	252°	220°	168°	108°	HR-683	.558"	.595"	.632"
	.372"	302°	256°	224°	172°	112°	HR-680	.558"	.595"	.632"
	.372"	306°	260°	228°	175°	114°	HR-726	.558"	.595"	.632"
	.372"	310°	264°	232°	179°	116°	HR-681	.558"	.595"	.632"
	.372"	314°	268°	237°	185°	120°	HR-856	.558"	.595"	.632"
	.372"	320°	274°	243°	191°	124°	HR-857	.558"	.595"	.632"
	.400"	298°	246°	214°	166°	116°	HR-888	.600"	.640"	.680"
	.400"	302°	250°	218°	170°	119°	HR-889	.600"	.640"	.680"
	.400"	306°	254°	222°	174°	122°	HR-890	.600"	.640"	.680"
	.400"	310°	258°	227°	178°	125°	HR-891	.600"	.640"	.680"
	.400"	314°	262°	231°	182°	128°	HR-892	.600"	.640"	.680"
	.400"	318°	266°	235°	186°	131°	HR-885	.600"	.640"	.680"
	.400"	322°	270°	238°	189°	133°	HR-886	.600"	.640"	.680"
Street/Drag Oval Track; Solid Lifter .842 Dia. Valve Lash Hot .014" Int .016" Ex	.210"	232°	200°	160°	49°	—	S-863	.315"	.336"	.357"
	.266"	258°	226°	190°	117°	—	S-769	.399"	.426"	.452"
	.266"	261°	229°	193°	120°	—	S-770	.399"	.426"	.452"
	.290"	273°	234°	198°	132°	—	S-903	.435"	.464"	.493"
	.294"	254°	226°	195°	132°	—	S-904	.441"	.470"	.500"
	.300"	276°	244°	210°	146°	—	S-758	.450"	.480"	.510"
	.344"	264°	236°	205°	149°	81°	S-879	.516"	.550"	.585"
	.346"	298°	264°	231°	172°	95°	S-782	.520"	.553"	.588"
	.356"	298°	264°	229°	170°	100°	S-868	.534"	.570"	.605"
	.358"	278°	246°	215°	158°	94°	S-882	.537"	.573"	.608"
	.383"	312°	276°	242°	185°	121°	S-755	.575"	.613"	.651"
	.387"	318°	280°	246°	189°	125°	S-756	.580"	.619"	.658"
	.390"	324°	284°	250°	193°	129°	S-757	.585"	.624"	.663"

LOBE SPECIFICATION CHART			(SOLID LIFTER) STREET, DRAG & OVAL TRACK							
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
SOLID LIFTER: .842" DIA. Street Perf. Valve Lash Hot .020"	.283"	256°	210°	180°	121°	—	S-50E4	.425"	.453"	.481"
	.283"	260°	216°	183°	118°	—	S-99+10	.425"	.453"	.481"
	.298"	264°	228°	193°	133°	—	S-66	.448"	.477"	.506"
	.298"	286°	250°	213°	144°	—	S-84	.448"	.477"	.506"
	.320"	272°	238°	202°	140°	56°	S-598	.480"	.512"	.544"
	.320"	278°	244°	223°	157°	64°	ZM-89	.480"	.512"	.544"
SOLID LIFTER: .842" Dia. Bracket Race Drags	.320"	290°	250°	216°	156°	68°	S-293	.480"	.512"	.544"
	.365"	304°	264°	225°	166°	102°	S-302	.548"	.584"	.620"
	.373"	314°	272°	232°	174°	110°	S-364	.560"	.597"	.634"
	.373"	330°	286°	246°	189°	121°	S-336	.560"	.597"	.634"
	.380"	320°	274°	236°	178°	116°	S-344	.570"	.608"	.646"
	.390"	330°	284°	244°	186°	125°	S-346	.585"	.624"	.663"
SOLID LIFTER: .842" Dia. Oval Track Valve Lash Hot .016" INT .018" EX.	.320"	282°	254°	222°	160°	64°	S-650	.480"	.512"	.544"
	.320"	286°	258°	226°	164°	68°	S-643	.480"	.512"	.544"
	.330"	276°	242°	207°	148°	74°	S-574	.495"	.528"	.561"
	.334"	286°	252°	218°	158°	78°	S-604	.501"	.534"	.568"
	.338"	282°	247°	212°	154°	79°	S-404	.507"	.541"	.574"
	.341"	288°	254°	218°	158°	84°	S-564	.512"	.546"	.580"
	.346"	294°	260°	224°	164°	90°	S-565	.520"	.553"	.588"
	.350"	278°	244°	209°	152°	85°	S-550	.525"	.560"	.595"
	.350"	285°	251°	217°	158°	87°	S-599	.525"	.560"	.595"
	.350"	288°	254°	220°	161°	90°	S-385	.525"	.560"	.595"
	.356"	282°	248°	214°	156°	89°	S-521	.534"	.570"	.605"
	.363"	284°	251°	216°	160°	94°	S-613	.544"	.581"	.617"
	.365"	288°	254°	219°	162°	97°	S-480	.547"	.584"	.620"
	.365"	288°	258°	225°	168°	102°	S-539	.547"	.584"	.620"
	.365"	292°	259°	223°	164°	98°	S-396	.547"	.584"	.620"
	.370"	296°	263°	229°	171°	108°	S-387	.555"	.592"	.629"
	.374"	302°	268°	234°	178°	112°	S-447	.560"	.598"	.636"
	.380"	306°	272°	238°	181°	117°	S-537	.570"	.608"	.646"
SOLID LIFTER: .842" Dia. MAGNUM-XL Oval Track Series: Valve Lash Hot .014" INT .016" EX	.352"	270°	242°	210°	154°	88°	S-652	.528"	.563"	.598"
	.356"	274°	246°	214°	158°	92°	S-635	.534"	.570"	.605"
	.363"	278°	250°	218°	162°	98°	S-633	.545"	.580"	.617"
	.370"	282°	254°	223°	166°	104°	S-632	.555"	.592"	.629"
	.376"	286°	258°	227°	170°	108°	S-645	.565"	.602"	.640"
	.386"	290°	262°	228°	172°	112°	S-621	.580"	.617"	.656"
	.390"	294°	266°	232°	176°	116°	S-630	.585"	.624"	.663"
*SOLID LIFTER: .842" Dia. Oval Track	.345"	276°	248°	218°	161°	89°	S-654	.517"	.552"	.586"
	.350"	280°	252°	222°	165°	95°	S-642	.525"	.560"	.595"
	.357"	284°	256°	226°	169°	101°	S-653	.535"	.571"	.606"
SOLID LIFTER: NASCAR .875" Dia. Oval Track Series: Valve Lash Hot .014" INT .016" EX	.335"	274°	247°	217°	161°	82°	S-644	.502"	.536"	.569"
	.380"	288°	258°	224°	168°	108°	S-585	.570"	.608"	.646"
	.386"	292°	262°	228°	173°	113°	S-611	.580"	.617"	.656"
	.388"	286°	258°	228°	173°	115°	S-634	.582"	.621"	.660"
	.392"	296°	266°	232°	177°	118°	S-528	.588"	.627"	.666"
	.394"	300°	270°	237°	182°	122°	S-522	.590"	.630"	.670"
	.403"	304°	274°	241°	187°	128°	S-505	.604"	.645"	.685"
	.403"	308°	278°	245°	191°	132°	S-523	.604"	.645"	.685"
.407"	312°	282°	249°	195°	136°	S-504	.610"	.651"	.692"	

* New; Longer life, Tru radius "Bullnose" grinds: 35% smoother over the nose. (Excellent for higher ratio rockers)

LOBE SPECIFICATION CHART			1.000" BASE CIRCLE				.750" DIA. ROLLER BEARING		(OVAL TRACK ROLLER)		
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio			
								1.5	1.6	1.7	
Oval Track Roller: Valve Lash Hot .028"	.376"	294 Deg.	260°	226°	173°	112°	R-561	.564"	.602"	.639"	
	.376"	300 Deg.	266°	232°	177°	116°	R-562	.564"	.602"	.639"	
	.376"	312 Deg.	278°	244°	186°	120°	R-559	.564"	.602"	.639"	
	.393"	294 Deg.	260°	226°	174°	117°	R-555	.590"	.629"	.668"	
	.393"	300 Deg.	266°	232°	180°	123°	R-503	.590"	.629"	.668"	
	.393"	314 Deg.	280°	246°	192°	131°	R-560	.590"	.629"	.668"	
	.400"	284 Deg.	252°	218°	168°	116°	R-582	.600"	.640"	.680"	
	.400"	290 Deg.	256°	223°	172°	119°	R-554	.600"	.640"	.680"	
	.400"	294 Deg.	260°	228°	176°	122°	R-548	.600"	.640"	.680"	
	.400"	300 Deg.	266°	233°	181°	125°	R-534	.600"	.640"	.680"	
	.400"	304 Deg.	270°	236°	184°	128°	R-533	.600"	.640"	.680"	
	.400"	308 Deg.	274°	240°	187°	130°	R-479	.600"	.640"	.680"	
	.410"	288 Deg.	254°	221°	172°	122°	R-514	.615"	.656"	.697"	
	.410"	294 Deg.	260°	226°	177°	126°	R-494	.615"	.656"	.697"	
	.410"	298 Deg.	264°	230°	181°	128°	R-553	.615"	.656"	.697"	
	.410"	300 Deg.	266°	233°	183°	130°	R-571	.615"	.656"	.697"	
	.411"	302 Deg.	268°	235°	185°	132°	R-493	.616"	.657"	.698"	
	.411"	308 Deg.	274°	241°	189°	135°	R-515	.616"	.657"	.698"	
	.420"	286 Deg.	254°	222°	174°	125°	R-558	.630"	.672"	.714"	
	.420"	290 Deg.	258°	226°	177°	128°	R-581	.630"	.672"	.714"	
	.420"	298 Deg.	264°	232°	183°	133°	R-556	.630"	.672"	.714"	
	.420"	304 Deg.	268°	236°	185°	133°	R-590	.630"	.672"	.714"	
	.420"	304 Deg.	270°	240°	188°	135°	R-535	.630"	.672"	.714"	
	.420"	306 Deg.	272°	242°	190°	137°	R-651	.630"	.672"	.714"	
	.420"	310 Deg.	276°	243°	191°	138°	R-467	.630"	.672"	.714"	
	.420"	314 Deg.	280°	247°	194°	140°	R-469	.630"	.672"	.714"	
	.420"	318 Deg.	282°	248°	195°	141°	R-470	.630"	.672"	.714"	
	.430"	290 Deg.	256°	223°	175°	128°	R-586	.645"	.688"	.731"	
	.430"	292 Deg.	258°	225°	177°	129°	R-661	.645"	.688"	.731"	
	.430"	294 Deg.	260°	227°	178°	130°	R-575	.645"	.688"	.731"	
.430"	296 Deg.	262°	229°	180°	132°	R-663	.645"	.688"	.731"		
.430"	298 Deg.	264°	231°	182°	133°	R-576	.645"	.688"	.731"		
.430"	302 Deg.	268°	234°	185°	136°	R-577	.645"	.688"	.731"		
.430"	306 Deg.	272°	238°	189°	138°	R-578	.645"	.688"	.731"		
.430"	310 Deg.	276°	243°	192°	141°	R-587	.645"	.688"	.731"		
Oval Track Roller: "Accelerator" Intake Profiles. Valve Lash Hot .024"	.433"	282 Deg.	252°	221°	175°	130°	R-627	.650"	.693"	.736"	
	.433"	286 Deg.	256°	225°	179°	134°	R-625	.650"	.693"	.736"	
	.433"	288 Deg.	258°	227°	181°	136°	R-667	.650"	.693"	.736"	
	.433"	290 Deg.	260°	229°	183°	137°	R-624	.650"	.693"	.736"	
	.433"	292 Deg.	262°	231°	185°	139°	R-668	.650"	.693"	.736"	
	.433"	294 Deg.	264°	233°	187°	141°	R-623	.650"	.693"	.736"	
	.433"	298 Deg.	268°	237°	191°	145°	R-626	.650"	.693"	.736"	
	.433"	302 Deg.	272°	241°	195°	149°	R-649	.650"	.693"	.736"	
Oval Track Roller Intake Valve Lash Hot .018"	.440"	290 Deg.	260°	228°	180°	132°	R-607	.660"	.704"	.748"	
	.446"	294 Deg.	264°	234°	186°	139°	R-518	.670"	.713"	.758"	

NOT LEGAL FOR SALE OR USE ON POLLUTION-CONTROLLED MOTOR VEHICLES

LOBE SPECIFICATION CHART			(OVAL TRACK) ROLLER:				EXPANSION TECHNOLOGY SERIES			
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
Standard Bearing Core: .750" Dia. Roller Brg 1.000" Base Circle Valve Lash Hot .024"	.376"	272°	238°	205°	151°	94°	R-867	.564"	.602"	.639"
	.376"	276°	242°	209°	154°	96°	R-855	.564"	.602"	.639"
	.376"	280°	246°	213°	160°	100°	R-859	.564"	.602"	.639"
	.376"	286°	252°	219°	165°	105°	R-777	.564"	.602"	.639"
	.376"	290°	256°	223°	170°	109°	R-858	.564"	.602"	.639"
	.376"	304°	270°	236°	180°	118°	R-709	.564"	.602"	.639"
	.376"	308°	274°	240°	183°	120°	R-710	.564"	.602"	.639"
	.376"	316°	282°	248°	189°	124°	R-711	.564"	.602"	.639"
	.393"	292°	258°	226°	175°	119°	R-797	.590"	.629"	.668"
	.400"	276°	244°	212°	161°	109°	R-865	.600"	.640"	.680"
	.400"	280°	248°	215°	164°	113°	R-866	.600"	.640"	.680"
	.400"	298°	264°	232°	179°	124°	R-712	.600"	.640"	.680"
	.405"	302°	268°	236°	185°	130°	R-798	.607"	.648"	.688"
	.410"	290°	256°	223°	174°	124°	R-716	.615"	.656"	.697"
	.411"	306°	272°	239°	187°	134°	R-717	.616"	.657"	.698"
	.411"	310°	276°	243°	191°	137°	R-718	.616"	.657"	.698"
	.420"	288°	256°	224°	176°	127°	R-720	.630"	.672"	.714"
	.420"	292°	260°	228°	179°	130°	R-721	.630"	.672"	.714"
	.420"	294°	262°	230°	181°	132°	R-722	.630"	.672"	.714"
	.420"	298°	266°	234°	184°	133°	R-723	.630"	.672"	.714"
	.420"	308°	274°	242°	190°	137°	R-724	.630"	.672"	.714"
	.430"	300°	266°	232°	183°	134°	R-687	.645"	.688"	.731"
	.430"	304°	270°	236°	187°	137°	R-688	.645"	.688"	.731"
	.430"	308°	274°	240°	191°	140°	R-689	.645"	.688"	.731"
	.433"	296°	266°	235°	189°	143°	R-701	.650"	.693"	.736"
	.433"	300°	270°	239°	193°	147°	R-702	.650"	.693"	.736"
	.433"	304°	274°	243°	197°	151	R-703	.650"	.693"	.736"
	.433"	306°	276°	245°	199°	153°	R-704	.650"	.693"	.736"
	.446"	284°	253°	221°	174°	129°	R-697	.670"	.713"	.758"
	.446"	288°	258°	227°	179°	131°	R-686	.670"	.713"	.758"
	.446"	292°	261°	229°	181°	134°	R-698	.670"	.713"	.758"
	.446"	292°	262°	232°	184°	137°	R-706	.670"	.713"	.758"
	.446"	296°	266°	234°	186°	137°	R-685	.670"	.713"	.758"
.446"	298°	268°	238°	190°	143°	R-707	.670"	.713"	.758"	
.446"	302°	272°	242°	194°	147°	R-708	.670"	.713"	.758"	
.450"	280°	250°	220°	177°	135°	R-860	.675"	.720"	.765"	
55-MM Core .750" Dia. Roller Brg 1.275" Base Circle Valve Lash Hot .024"	.410"	298°	264°	231°	182°	130°	R-820	.615"	.656"	.697"
	.410"	302°	268°	235°	186°	134°	R-821	.615"	.656"	.697"
	.420"	286°	254°	223°	175°	127°	R-822	.630"	.672"	.714"
	.420"	290°	258°	227°	180°	131°	R-823	.630"	.672"	.714"
	.420"	296°	264°	233°	186°	137°	R-824	.630"	.672"	.714"
	.420"	300°	268°	237°	191°	141°	R-825	.630"	.672"	.714"
	.430"	290°	260°	230°	181°	132°	R-826	.645"	.688"	.731"
	.430"	294°	264°	234°	186°	136°	R-827	.645"	.688"	.731"
	.430"	298°	268°	238°	191°	140°	R-828	.645"	.688"	.731"
	.430"	302°	272°	242°	195°	144°	R-829	.645"	.688"	.731"
	.430"	306°	276°	246°	199°	148°	R-830	.645"	.688"	.731"
	.433"	286°	256°	226°	181°	135°	R-831	.650"	.693"	.736"
	.433"	290°	260°	230°	185°	139°	R-832	.650"	.693"	.736"
	.433"	294°	264°	234°	190°	143°	R-833	.650"	.693"	.736"
	.433"	298°	268°	238°	194°	147°	R-834	.650"	.693"	.736"
	.440"	311°	272°	238°	188°	139°	R-899	.660"	.704"	.748"
	.446"	300°	270°	240°	194°	146°	R-839	.670"	.713"	.758"
	.450"	298°	265°	235°	189°	144°	R-898	.675"	.720"	.765"

LOBE SPECIFICATION CHART			(STREET & DRAG RACE) "ROLLER"				.750" DIA ROLLER BRG.			
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
STREET ROLLER: VALVE LASH HOT .028"	.323"	278°	234°	197°	138°	60°	R-549	.484"	.517"	.549"
	.329"	284°	242°	208°	149°	69°	R-516	.493"	.526"	.559"
	.350"	280°	240°	206°	153°	87°	R-483	.525"	.560"	.595"
	.354"	290°	246°	212°	157°	91°	R-259	.531"	.566"	.602"
	.380"	290°	250°	215°	162°	107°	R-359	.570"	.608"	.646"
	.385"	284°	244°	211°	160°	106°	R-412	.578"	.616"	.654"
DRAG RACE ROLLER: VALVE LASH HOT .028"	.376"	300°	266°	232°	177°	116°	R-562	.564"	.602"	.639"
	.376"	312°	278°	244°	186°	120°	R-559	.564"	.602"	.639"
	.393"	300°	266°	232°	180°	123°	R-503	.590"	.629"	.668"
	.393"	314°	280°	246°	192°	131°	R-560	.590"	.629"	.668"
	.400"	300°	260°	225°	173°	120°	R-358	.600"	.640"	.680"
	.400"	300°	266°	233°	181°	125°	R-534	.600"	.640"	.680"
	.400"	304°	270°	236°	184°	128°	R-533	.600"	.640"	.680"
	.400"	308°	274°	240°	187°	130°	R-479	.600"	.640"	.680"
	.410"	300°	270°	238°	188°	134°	R-486	.615"	.656"	.697"
	.410"	334°	298°	263°	206°	146°	R-512	.615"	.656"	.697"
	.410"	338°	302°	266°	209°	148°	R-580	.615"	.656"	.697"
	.411"	302°	268°	235°	185°	132°	R-493	.616"	.657"	.698"
	.411"	308°	274°	241°	189°	135°	R-515	.616"	.657"	.698"
	.420"	304°	270°	240°	188°	135°	R-535	.630"	.672"	.714"
	.420"	310°	276°	243°	191°	138°	R-467	.630"	.672"	.714"
	.420"	314°	280°	247°	194°	140°	R-469	.630"	.672"	.714"
	.420"	318°	282°	248°	195°	141°	R-470	.630"	.672"	.714"
	.420"	320°	286°	252°	200°	144°	R-468	.630"	.672"	.714"
	.420"	322°	290°	257°	205°	148°	R-471	.630"	.672"	.714"
	.420"	326°	294°	261°	208°	151°	R-509	.630"	.672"	.714"
	.427"	302°	268°	236°	185°	136°	R-417	.640"	.683"	.726"
	.427"	306°	272°	239°	189°	138°	R-424	.640"	.683"	.726"
	.427"	310°	276°	243°	192°	140°	R-426	.640"	.683"	.726"
	.427"	314°	280°	248°	196°	144°	R-414	.640"	.683"	.726"
	.427"	318°	282°	249°	197°	145°	R-427	.640"	.683"	.726"
	.427"	320°	286°	253°	201°	148°	R-466	.640"	.683"	.726"
	.430"	302°	268°	234°	185°	136°	R-577	.645"	.688"	.731"
	.430"	306°	272°	238°	189°	138°	R-578	.645"	.688"	.731"
	.430"	310°	276°	243°	192°	141°	R-587	.645"	.688"	.731"
	.440"	306°	274°	242°	193°	144°	R-527	.660"	.704"	.748"
	.440"	322°	290°	258°	207°	155°	R-508	.660"	.704"	.748"
	.440"	326°	294°	261°	210°	157°	R-499	.660"	.704"	.748"
	.443"	314°	282°	250°	200°	150°	R-473	.664"	.708"	.753"
	.443"	318°	286°	254°	204°	153°	R-472	.664"	.708"	.753"
	.450"	318°	286°	254°	204°	153°	R-495	.675"	.720"	.765"
	.450"	322°	290°	257°	206°	154°	R-511	.675"	.720"	.765"
	.450"	324°	292°	259°	207°	156°	R-536	.675"	.720"	.765"
	.450"	334°	298°	264°	210°	158°	R-513	.675"	.720"	.765"
	.457"	332°	288°	251°	200°	152°	R-406	.686"	.731"	.777"
	.457"	336°	292°	255°	204°	155°	R-400	.686"	.731"	.777"
	.457"	344°	304°	266°	213°	164°	R-517	.686"	.731"	.777"
	.457"	354°	314°	278°	224°	169°	R-489	.686"	.731"	.777"
.460"	308°	276°	244°	195°	148°	R-592	.690"	.736"	.782"	
.460"	314°	282°	250°	200°	152°	R-507	.690"	.736"	.782"	
.460"	318°	286°	254°	204°	155°	R-506	.690"	.736"	.782"	
.460"	350°	310°	274°	221°	169°	R-488	.690"	.736"	.782"	
.464"	321°	290°	258°	208°	160°	R-453	.696"	.742"	.789"	
.470"	324°	282°	247°	198°	153°	R-409	.705"	.752"	.799"	
.470"	318°	286°	254°	205°	157°	R-510	.705"	.752"	.799"	
.472"	326°	295°	262°	213°	165°	R-452	.708"	.755"	.802"	
.475"	332°	288°	252°	203°	157°	R-487	.712"	.760"	.807"	
.480"	332°	300°	267°	218°	171°	R-454	.720"	.768"	.816"	
.490"	326°	288°	254°	206°	162°	R-456	.735"	.784"	.833"	
.497"	334°	294°	260°	211°	167°	R-455	.745"	.795"	.845"	
.506"	332°	300°	268°	221°	175°	R-482	.759"	.809"	.860"	
.507"	342°	302°	267°	218°	174°	R-441	.760"	.811"	.862"	
.520"	334°	294°	260°	213°	171°	R-440	.780"	.832"	.884"	

LOBE SPECIFICATION CHART			(DRAG RACE) ROLLER:				EXPANSION TECHNOLOGY SERIES			
TYPE OF CAM	LOBE LIFT	ADVERTISED DURATION	.050 DUR	.100 DUR	.200 DUR	.300 DUR	MASTER No.	Valve Lift With Zero Lash Rocker Arm Ratio		
								1.5	1.6	1.7
Small Block Chevy V-8: Std. Bearing Core. .750" Dia Roller Brg. 1.000" Base Circle Valve Lash Hot .024"	.400"	312°	278°	244°	191°	134°	R-713	.600"	.640"	.680"
	.400"	316°	282°	248°	195°	138°	R-714	.600"	.640"	.680"
	.400"	320°	286°	252°	199°	142°	R-715	.600"	.640"	.680"
	.411"	314°	280°	247°	195°	141°	R-719	.616"	.657"	.698"
	.420"	312°	278°	245°	193°	139°	R-725	.630"	.672"	.714"
	.430"	312°	278°	245°	194°	143°	R-690	.645"	.688"	.731"
	.430"	314°	280°	247°	196°	145°	R-691	.645"	.688"	.731"
	.430"	316°	282°	249°	198°	147°	R-692	.645"	.688"	.731"
	.430"	318°	284°	251°	200°	149°	R-693	.645"	.688"	.731"
	.430"	320°	286°	253°	202°	151°	R-694	.645"	.688"	.731"
.430"	324°	290°	257°	206°	155°	R-768	.645"	.688"	.731"	
.440"	310°	278°	246°	197°	148°	R-695	.660"	.704"	.748"	
Big Block Chevy V-8: Std. Bearing Core. .750" Dia. Roller Brg. 1.100" Base Circle Valve Lash Hot .024"	.450"	320°	292°	261°	214°	164°	R-791	.675"	.720"	.765"
	.450"	332°	297°	262°	212°	160°	R-728	.675"	.720"	.765"
	.450"	328°	298°	267°	220°	170°	R-792	.675"	.720"	.765"
	.450"	336°	308°	277°	227°	174°	R-793	.675"	.720"	.765"
	.460"	328°	284°	247°	200°	155°	R-850	.690"	.736"	.782"
	.470"	322°	290°	258°	209°	161°	R-696	.705"	.752"	.799"
	.471"	346°	304°	269°	216°	165°	R-739	.707"	.754"	.801"
	.475"	310°	282°	251°	205°	160°	R-788	.713"	.760"	.808"
	.475"	318°	284°	250°	201°	155°	R-729	.713"	.760"	.808"
	.475"	318°	288°	257°	211°	166°	R-789	.713"	.760"	.808"
	.475"	348°	306°	270°	221°	174°	R-790	.713"	.760"	.808"
	.480"	328°	290°	257°	209°	162°	R-901	.720"	.768"	.816"
	.480"	356°	316°	279°	228°	179°	R-849	.720"	.768"	.816"
	.483"	320°	284°	248°	199°	155°	R-732	.725"	.773"	.821"
	.483"	328°	292°	257°	208°	164°	R-778	.725"	.773"	.821"
	.483"	332°	296°	261°	213°	168°	R-779	.725"	.773"	.821"
	.484"	306°	268°	234°	190°	150°	R-771	.726"	.774"	.822"
	.488"	323°	283°	250°	203°	158°	R-900	.732"	.781"	.830"
	.505"	324°	292°	260°	214°	172°	R-874	.758"	.808"	.859"
	.506"	342°	310°	278°	231°	186°	R-875	.759"	.810"	.860"
.508"	358°	317°	279°	227°	181°	R-734	.762"	.813"	.864"	
.510"	320°	288°	257°	214°	174°	R-794	.765"	.816"	.867"	
.527"	322°	290°	257°	212°	172°	R-735	.791"	.843"	.896"	
Small & Big Block Chevy V-8: 55-MM Core .850" Dia Roller Brg. 1.275" Base circle Valve Lash Hot .024"	.460"	328°	296°	263°	215°	166°	R-884	.690"	.736"	.782"
	.464"	322°	290°	258°	211°	165°	R-883	.696"	.742"	.789"
	.470"	304°	274°	244°	199°	156°	R-766	.705"	.752"	.799"
	.470"	310°	280°	250°	205°	162°	R-767	.705"	.752"	.799"
	.475"	348°	306°	271°	223°	176°	R-795	.713"	.760"	.808"
	.475"	354°	314°	275°	223°	174°	R-786	.713"	.760"	.808"
	.487"	310°	276°	244°	198°	156°	R-781	.731"	.779"	.828"
	.496"	320°	286°	252°	206°	162°	R-752	.744"	.794"	.843"
	.500"	340°	300°	264°	213°	168°	R-783	.750"	.800"	.850"
	.508"	358°	318°	281°	230°	184°	R-734	.762"	.813"	.864"
	.510"	318°	288°	258°	214°	174°	R-796	.765"	.816"	.867"
	.510"	328°	292°	255°	208°	167°	R-785	.765"	.816"	.867"
	.510"	340°	300°	263°	212°	169°	R-748	.765"	.816"	.867"
	.524"	312°	279°	244°	197°	157°	R-747	.786"	.838"	.890"
	.524"	318°	286°	254°	209°	170°	R-765	.786"	.838"	.890"
.527"	323°	291°	259°	215°	175°	R-733	.791"	.843"	.896"	