

SURE CAM
 PERFORMANCE CAMSHAFT DESIGN AND GRIND
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CAM PRO PLUS Cam Lift Report

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FORD CLEVELAND REGROUND CAM, GRIND # 51Y-H113, HIGH INTENSITY PROFILE, BROAD
 POWER RANGE, 04/2022

Lobe	I1	LIFT	DUR.	OPEN	CLOSE	AREA
Centerline	108.00 ATDC	0.006	282.35	29.99 BTDC	72.36 ABDC	25.59
Peak Open Acc.	0.000422	0.020	256.14	19.24 BTDC	56.90 ABDC	25.43
Peak Nose Acc.	-0.000221	0.050	229.71	6.84 BTDC	42.86 ABDC	24.99
Peak Close Acc.	0.000375	0.200	138.83	38.53 ATDC	2.64 BBDC	19.37
Lift @ TDC	0.0708	0.300	55.68	80.58 ATDC	43.74 BBDC	8.71
Valve Lash	0.0000	0.31898	---	PEAK CAM LIFT	---	
Rocker Ratio	1.73	0.55183	---	PEAK VALVE LIFT	---	
Lobe Separation	113.3					
Minimum Flat						
Follower Dia.	0.7911					

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FORD CLEVELAND REGROUND CAM, GRIND # 51Y-H113, HIGH INTENSITY PROFILE, BROAD
 POWER RANGE, 04/2022

Lobe	E1	LIFT	DUR.	OPEN	CLOSE	AREA
Centerline	118.60 BTDC	0.006	286.93	79.34 BBDC	27.58 ATDC	25.80
Peak Open Acc.	0.000471	0.020	257.58	66.59 BBDC	10.99 ATDC	25.61
Peak Nose Acc.	-0.000260	0.050	230.65	53.92 BBDC	3.28 BTDC	25.13
Peak Close Acc.	0.000381	0.200	139.79	8.57 BBDC	48.78 BTDC	19.36
Lift @ TDC	0.0415	0.300	57.48	32.94 ABDC	89.59 BTDC	8.71
Valve Lash	0.0000	0.32016	---	PEAK CAM LIFT	---	
Rocker Ratio	1.73	0.55387	---	PEAK VALVE LIFT	---	
Lobe Separation	113.3					
Minimum Flat						
Follower Dia.	0.7894					

FC FLAT TAPPET HYDRAULIC CAM, INSTALL THIS CAM WITH AN INTAKE LIFTER RISE OF .071" WHEN THE PISTON IS AT ACCURATE T.D.C. FOR AN INTAKE CENTRELINE OF 108*. FOR ALLOY HEAD ENGINE SET VALVE LASH .HYD"/.HYD", USE VALVE SPRING LOADS OF 145lbs ON THE SEAT 340LBS AT MAX LIFT, 360LBS SPRING RATE, RECOMMEND 'ISKY' DUAL SPRINGS Pt# 6105-SP INSTALLED @ 1.800" OR SIMILAR.

INSTALLED 107 Icc