

**Hemi rocker arm data**

All calculations done on #1 cylinder

Cam lift with dial gage angled with cylinder head (in.)

intake: 0.430

exhaust: 0.427

valve spring	rocker arm	valve	calculated rocker ratio based on test spring	valve lift (in.)	calculated difference in lift compared to test springs (in.)	open angle @ .050" valve lift	calculated difference in open angle compared to test springs	angle location	closed angle @ .050" valve lift	calculated difference in closed angle compared to test springs	angle location	calculated duration @ .050" valve lift	calculated difference in duration @ .050" valve lift	calculated centerline @ .050" valve lift
test	stock	intake	1.58	0.678		35.5		BTDC	64.0		ABDC	279.5		104.3
600 lb.	stock	intake	1.58	0.634	0.044	30.0	5.5	BTDC	59.0	5.0	ABDC	269.0	10.5	104.5
test	stock	exhaust	1.52	0.650		78.0		BBDC	37.0		ATDC	295.0		110.5
600 lb.	stock	exhaust	1.52	0.611	0.039	72.0	6.0	BBDC	31.5	5.5	ATDC	283.5	11.5	110.3
test	Indy	intake	1.64	0.705		36.0		BTDC	65.0		ABDC	281.0		104.5
600 lb.	Indy	intake	1.64	0.658	0.047	29.5	6.5	BTDC	59.5	5.5	ABDC	269.0	12.0	105.0
test	DLI	intake	1.70	0.733		38.0		BTDC	67.0		ABDC	285.0		104.5
600 lb.	DLI	intake	1.70	0.681	0.052	30.5	7.5	BTDC	60.0	7.0	ABDC	270.5	14.5	104.8
test	DLI	exhaust	1.56	0.664		79.0		BBDC	38.0		ATDC	297.0		110.5
600 lb.	DLI	exhaust	1.56	0.625	0.039	72.0	7.0	BBDC	31.5	6.5	ATDC	283.5	13.5	110.3