



### ***Engine Info:***

|                     |          |
|---------------------|----------|
| Stroke              | 3.622 in |
| Rod Length          | 6.098 in |
| H Gasket Thick      | 0.051 in |
| Out of hole         | 0.005 in |
| Rocker R            | 1.7 :1   |
| Valve Angle         | 15 d     |
| Lobe Seperation     | 114 d    |
| Advance             | 2 d      |
| Bore Size           | 4 in     |
| Ideal Compression R | 10.1 :1  |
| Head Chamber Volume | 72.4 ~cc |

### ***Piston to Valve Clearance Information***

|                         |           |
|-------------------------|-----------|
| Required Valve drop for | 0.050 P2V |
| Min Valve drop I        | 0.091 in  |
| Min Valve drop E        | 0.094 in  |
| IValve To Zero Deck     | 0.041 in  |
| EValve To Zero Deck     | 0.044 in  |

Want more or less P2V clearance? Simply add the amount of Piston to Valve Clearance you would like to "Ivalve to Zero Deck"/"Evalve to Zero Deck" ALWAYS CHECK P2V

### ***Cam Info***

|       |                   |
|-------|-------------------|
| Specs | 220 / 228 114 + 2 |
| Lift  | 0.5814 0.5882     |

### ***Valve Events***

|         | .@ 0.05 | .@ 0.006 |
|---------|---------|----------|
| EVO     | 50      | 74.5     |
| EVC     | 2       | -22.5    |
| IVO     | 2       | -22.5    |
| IVC     | 42      | 66.5     |
| Overlap | -4      | 45       |
| ICL     | 112     |          |
| ECL     | 116     |          |

## Lobe Data

Basecircle

Duration

Tappet Lift @ TDC

Valve lift @ '0' lash,  
rocker arm ratio

|              |             |                    |
|--------------|-------------|--------------------|
| Lobe Key     | 2692200.342 | CC2772280.346      |
| Manufacturer | Comp Cams   | Comp Cams          |
| Key          | CC          | CC                 |
| Type         | Energy XE-R | Xtreme Energy XE-R |
| Lobe#        | 3720        | 3724               |
| Dia          |             |                    |
| 0.004        |             |                    |
| 0.006        | 269         | 277                |
| 0.015        |             |                    |
| 0.020        |             |                    |
| 0.050        | 220         | 228                |
| 0.200        | 143         | 149                |
| Lobe Lift    | 0.342       | 0.346              |
| 102          |             |                    |
| 104          |             |                    |
| 106          | 0.062       | 0.076              |
| 110          | 0.049       | 0.062              |
| 114          |             |                    |
| 1.7          | 0.581       | 0.588              |
| 1.72         | 0.588       | 0.595              |
| 1.75         | 0.599       | 0.606              |
| 1.8          | 0.616       | 0.623              |
| 1.82         | 0.622       | 0.630              |
| 1.85         | 0.633       | 0.640              |

