

# 2291101

F.I.A.

Ford ZH12 Sigma

I-4cyl 1.2L 16v DOHC (DTs/DTs)



**intake**                      **exhaust**

**camshaft data:**

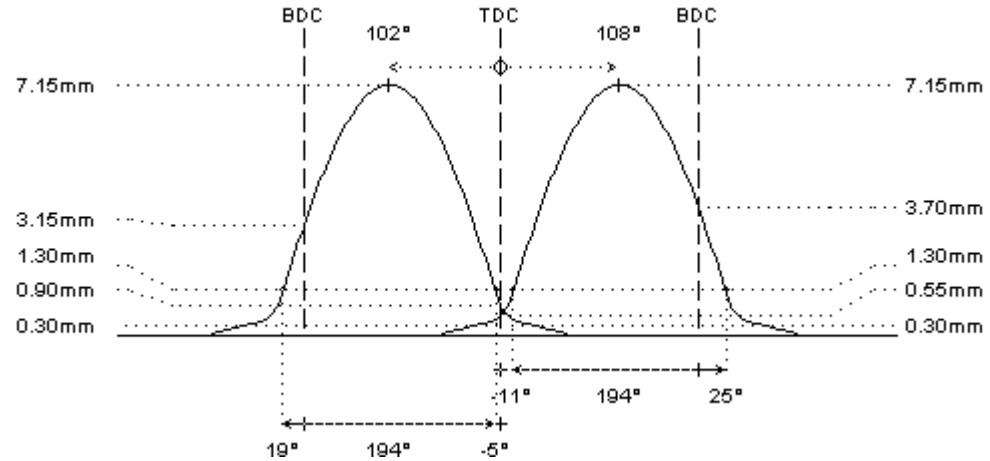
|                  |              |           |
|------------------|--------------|-----------|
| lash ramp        | : 0.30mm     | 0.30mm    |
| duration @ 0.1mm | : 234°       | 234°      |
| duration @ 1.0mm | : 194°       | 194°      |
| valve lift       | : 7.15mm     | 7.15mm    |
| cam lift         | : 7.15mm     | 7.15mm    |
| lobe angle       | : 108°       | 102°      |
| timing @ 1.0mm   | : -11° / 25° | 19° / -5° |
| valve lift @ TDC | : 0.55mm     | 0.90mm    |

**parts setup:**

|                 |          |          |
|-----------------|----------|----------|
| cam wheels :    | :        | :        |
| follower        | : O.E.M. | : O.E.M. |
| valve lash      | : O.E.M. | : O.E.M. |
| valve           | : O.E.M. | : O.E.M. |
| valve locks     | : O.E.M. | : O.E.M. |
| upper retainer  | : O.E.M. | : O.E.M. |
| lower retainer  | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | :        | :        |

|                      |                 |                 |
|----------------------|-----------------|-----------------|
| fitted load / length | : 22kg @ 36.0mm | : 22kg @ 36.0mm |
| max. load / lift     | : 39kg @ 11.5mm | : 39kg @ 11.5mm |

**REMARKS :**



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# for engines with 28mm cam followers / 25mm lash adjustment shims (between cam and follower), please contact Cat Cams if different