

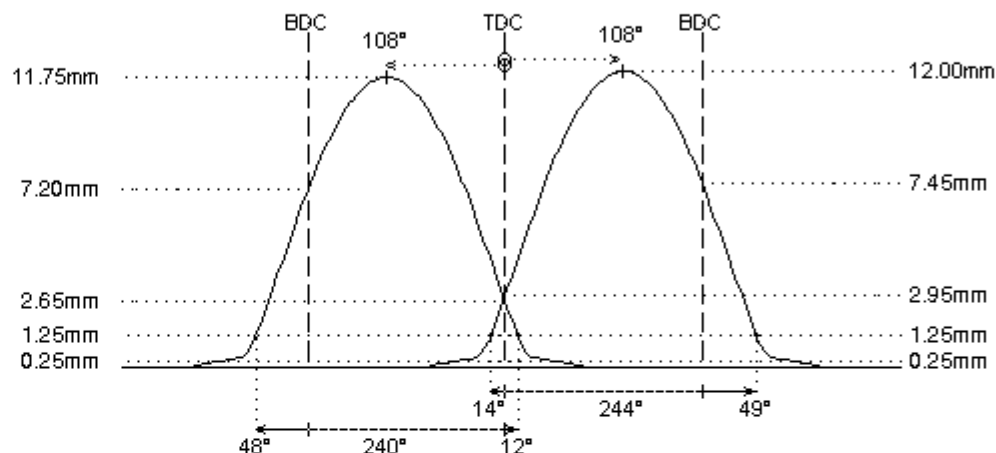
**1303309**

sport

Bmw S50 B30 286hp, vanos in  
I-6cyl 3.0L 24v DOHC (DTs/DTs)



|                       | intake          | exhaust         |
|-----------------------|-----------------|-----------------|
| <b>camshaft data:</b> |                 |                 |
| lash ramp             | : 0.25mm        | 0.25mm          |
| duration @ 0.1mm      | : 277°          | 274°            |
| duration @ 1.0mm      | : 243°          | 240°            |
| valve lift            | : 12.00mm       | 11.75mm         |
| cam lift              | : 12.00mm       | 11.75mm         |
| lobe angle            | : 108°          | 108°            |
| timing @ 1.0mm        | : 14° / 49°     | 48° / 12°       |
| valve lift @ TDC      | : 2.95mm        | 2.65mm          |
| <b>parts setup:</b>   |                 |                 |
| 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       | : O.E.M.        | : O.E.M.        |
| fitted load / length  | : 36kg @ 35.5mm | : 36kg @ 35.5mm |
| max. load / lift      | : 94kg @ 12.0mm | : 94kg @ 12.0mm |

**REMARKS :****REMARKS :**

- # camshafts for use with disabled VANOS system
- # These cam profiles are adapted for O.E.M. mechanic tappets (37.5mm) with lash adjustment shim (33.0mm) between cam and follower ("shim over" type).  
However, we advise to use race followers [ref. CC010] with lash adjustment shim between follower and valve ("shim under" type). This will eliminate the risk of shims being lifted from the cam follower. Also, the increased tappet surface will allow more performant cam profiles.