

**1301702**

sport

Bmw M44 B19 138hp

I-4cyl 1.9L 16v DOHC (RPRH/RPRH)

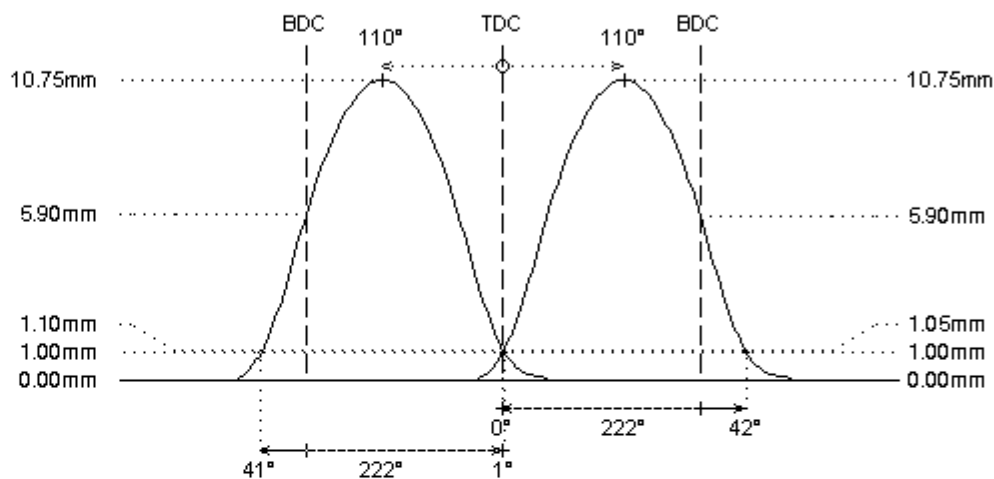


|                       | intake      | exhaust  |
|-----------------------|-------------|----------|
| <b>camshaft data:</b> |             |          |
| lash ramp             | : hydro     | hydro    |
| duration @ 0.1mm      | : 276°      | 275°     |
| duration @ 1.0mm      | : 222°      | 222°     |
| valve lift            | : 10.75mm   | 10.75mm  |
| cam lift              | : 6.50mm    | 6.50mm   |
| lobe angle            | : 110°      | 110°     |
| timing @ 1.0mm        | : -0° / 42° | 41° / 1° |
| valve lift @ TDC      | : 1.05mm    | 1.10mm   |

**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 | : 27kg @ 35.5mm | : 27kg @ 35.5mm |
| max. load / lift     | : 67kg @ 11.0mm | : 67kg @ 11.0mm |

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