

**6700612**

hot street - dirt track

Suzuki G13B 100hp

I-4cyl 1.3L 16v DOHC (DTH/DTH)



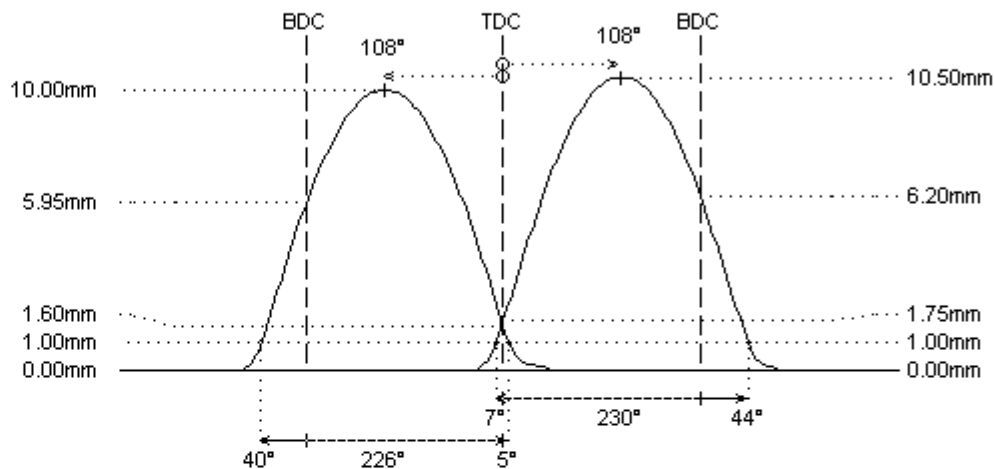
|                        | intake        | exhaust       |
|------------------------|---------------|---------------|
| <b>camshaft data:</b>  |               |               |
| lash ramp              | : hydro       | hydro         |
| duration @ 0.1mm       | : 266°        | 271°          |
| duration @ 1.0mm       | : 231°        | 225°          |
| valve lift             | : 10.50mm     | 10.00mm       |
| cam lift               | :             |               |
| lobe angle             | : 108°        | 108°          |
| timing @ 1.0mm         | : 7° / 44°    | 40° / 5°      |
| valve lift @ TDC       | : 1.75mm      | 1.60mm        |
| <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 :       | 99342/s       | 99342/s       |
| lower retainer :       | INFO G13B     | INFO G13B     |
| exterior spring :      | PAC-S90015    | PAC-S90015    |
| interior spring :      |               |               |
| fitted load / length : | 30kg @ 38.0mm | 30kg @ 38.0mm |
| max. load / lift :     | 82kg @ 14.0mm | 82kg @ 14.0mm |

**REMARKS :**

# lift &lt;= 11mm: lower retainer 99555 (40kg seat - 82kg@11mm)

# lift &gt; 11mm: lower retainer 99554 (30kg seat - 82kg@14mm)

use solid shims to adjust spring load if required

[double valve spring options](#)**REMARKS :**

- # - steel billet camshafts
- please carefully read about the different valve spring options
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
  - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
  - distance between valve seal and retainer at full lift must be 0.6mm at least
  - minimum valve spring travel of 1.0mm at full lift must be provided
  - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors