

# 6300113

hot street - dirt track

Simca / Talbot Rally 1-2-3

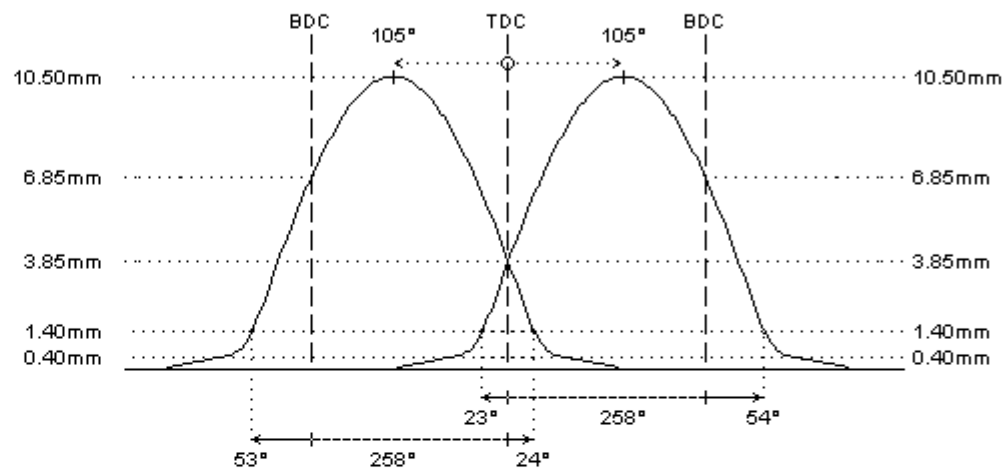
I-4cyl 1.3L 8v OHV (FT/FT)



|                       | intake          | exhaust         |
|-----------------------|-----------------|-----------------|
| <b>camshaft data:</b> |                 |                 |
| lash ramp             | : 0.40mm        | 0.40mm          |
| duration @ 0.1mm      | : 299°          | 299°            |
| duration @ 1.0mm      | : 257°          | 257°            |
| valve lift            | : 10.50mm       | 10.50mm         |
| cam lift              | : 7.00mm        | 7.00mm          |
| lobe angle            | : 105°          | 105°            |
| timing @ 1.0mm        | : 23° / 54°     | 53° / 24°       |
| valve lift @ TDC      | : 3.85mm        | 3.85mm          |
| <b>parts setup:</b>   |                 |                 |
| cam wheels :          | :               | :               |
| follower              | :  CAT063       | :  CAT063       |
| 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       | :  PAC-S10011   | :  PAC-S10011   |
| interior spring       | :               | :               |
| fitted load / length  | : 42kg @ 36.6mm | : 42kg @ 36.6mm |
| max. load / lift      | : 99kg @ 11.5mm | : 99kg @ 11.5mm |

## REMARKS :

# check distance between valve seal and retainer to be at least 0.6mm at full lift



## REMARKS :

- # Camshaft with 2 helix gears and anti clockwise rotation (used in the Rally 1/2/3)
- # 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