

# 1901655

full race

Fiat 182 A4.000 103hp

I-4cyl 1.6L 16v DOHC (DTH/DTH)



**intake**                      **exhaust**

**camshaft data:**

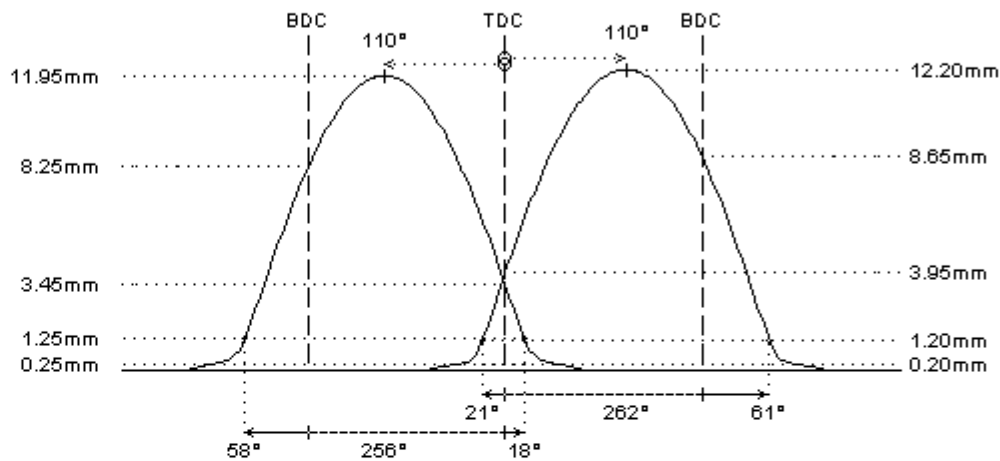
|                  |             |           |
|------------------|-------------|-----------|
| lash ramp        | : 0.20mm    | 0.25mm    |
| duration @ 0.1mm | : 294°      | 293°      |
| duration @ 1.0mm | : 262°      | 256°      |
| valve lift       | : 12.20mm   | 11.95mm   |
| cam lift         | :           |           |
| lobe angle       | : 110°      | 110°      |
| timing @ 1.0mm   | : 21° / 61° | 58° / 18° |
| valve lift @ TDC | : 3.95mm    | 3.45mm    |

**parts setup:**

|                 |               |               |
|-----------------|---------------|---------------|
| cam wheels :    | :             | :             |
| follower        | :  CC002      | :  CC002      |
| valve lash      | :  TS102      | :  TS102      |
| 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-E92009 | :  PAC-E92009 |
| interior spring | :  PAC-I92009 | :  PAC-I92009 |

|                      |                 |                 |
|----------------------|-----------------|-----------------|
| fitted load / length | : 30kg @ 35.0mm | : 30kg @ 35.0mm |
| max. load / lift     | : 98kg @ 14.0mm | : 98kg @ 14.0mm |

**REMARKS :**



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- # 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 use in competition engines with independent engine management (throttle position sensor) or carburetors