

# 7671312

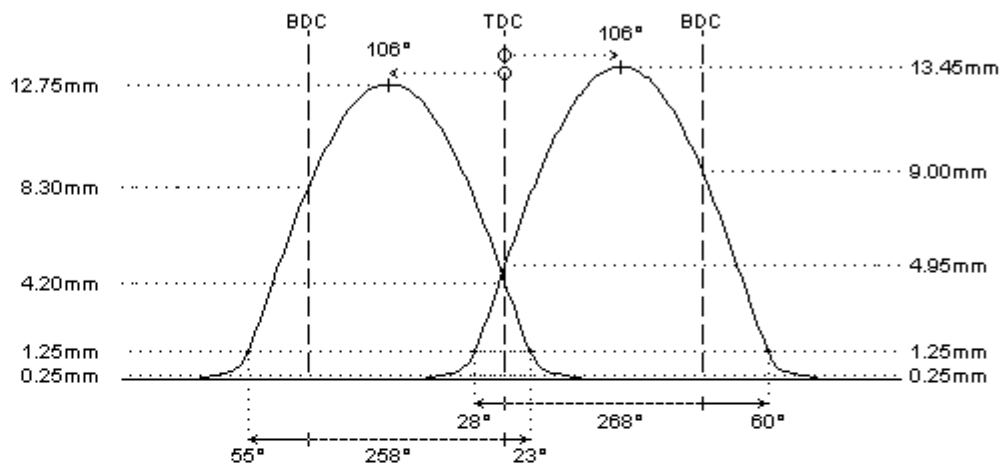
full race

Volkswagen KR 136hp

I-4cyl 1.8L 16v DOHC (DTH/DTH)



|                       | intake                 | exhaust                |
|-----------------------|------------------------|------------------------|
| <b>camshaft data:</b> |                        |                        |
| lash ramp             | : 0.25mm               | 0.25mm                 |
| duration @ 0.1mm      | : 303°                 | 293°                   |
| duration @ 1.0mm      | : 268°                 | 258°                   |
| valve lift            | : 13.45mm              | 12.75mm                |
| cam lift              | :                      |                        |
| lobe angle            | : 106°                 | 106°                   |
| timing @ 1.0mm        | : 28° / 60°            | 55° / 23°              |
| valve lift @ TDC      | : 4.95mm               | 4.20mm                 |
| <b>parts setup:</b>   |                        |                        |
| cam wheels :          | : TVW033               | : CTVW006              |
| follower              | : CC005                | : CC005                |
| valve lash            | : TS102                | : TS102                |
| valve                 | : O.E.M.               | : O.E.M.               |
| valve locks           | : O.E.M.               | : O.E.M.               |
| upper retainer        | : 99370                | : 99370                |
| lower retainer        | : <b>not available</b> | : <b>not available</b> |
| exterior spring       | : PAC-E15009           | : PAC-E15009           |
| interior spring       | : PAC-I15009           | : PAC-I15009           |
| fitted load / length  | : 37kg @ 34.5mm        | : 37kg @ 34.5mm        |
| max. load / lift      | : 114kg @ 14.0mm       | : 114kg @ 14.0mm       |



### REMARKS :

- # - cast iron camshafts
- # - valve clearance is to be adjusted using mechanical lash caps  
- please make sure that the lash cap does not touch the valve locks !
- # 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

### REMARKS :

- # check distance between valve seal and retainer to be at least 0.6mm at full lift
- # ONLY for 7mm valves with single groove (RK-7H valve keepers)