

# 7602001

sport

Volkswagen BYD-BWJ-BHZ EA113 TFSI 230-240-265hp

I-4cyl 2.0L 16v DOHC (RPRH/RPRH)



intake

exhaust

## camshaft data:

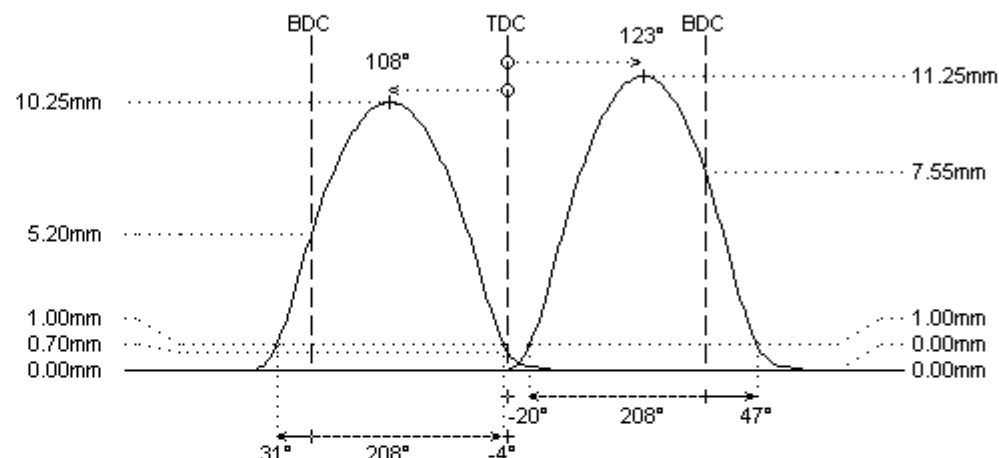
|                  |              |           |
|------------------|--------------|-----------|
| lash ramp        | : hydro      | hydro     |
| duration @ 0.1mm | : 254°       | 255°      |
| duration @ 1.0mm | : 207°       | 207°      |
| valve lift       | : 11.25mm    | 10.25mm   |
| cam lift         | : 6.65mm     | 6.10mm    |
| lobe angle       | : 123°       | 108°      |
| timing @ 1.0mm   | : -20° / 47° | 31° / -4° |
| valve lift @ TDC | : 0.05mm     | 0.70mm    |

## 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 | : 31kg @ 37.3mm | : 33kg @ 36.3mm |
| max. load / lift     | : 64kg @ 11.3mm | : 64kg @ 10.3mm |

## REMARKS :



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- # - camshafts for use with direct injection setup (as original)
  - the fuel lobe has a low friction coating for best possible wear resistance
  - intake camshaft and trigger are fully adjustable after removing the reference pins
  - profiles and centerlines based on OE part numbers "06F 109 101G" (intake) and "06F 109 102D" (exhaust)
  - not compatible with the more recent EA888 TSI engines
  - # these profiles are not compatible with stock pistons:
    - intake valve pocket: std depth +1.5mm
    - exhaust valve pocket: std depth +0mm
- IMPORTANT: most aftermarket (performance) pistons require extra machining, please contact the piston manufacturer for piston details