

7606150

sport

Volkswagen AER, ALL 50hp

I-4cyl 1.0L 8v SOHC (DTH/DTH)



intake exhaust

camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 261°	261°
duration @ 1.0mm	: 217°	217°
valve lift	: 9.00mm	9.00mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: -0° / 37°	36° / 1°
valve lift @ TDC	: 1.05mm	1.10mm

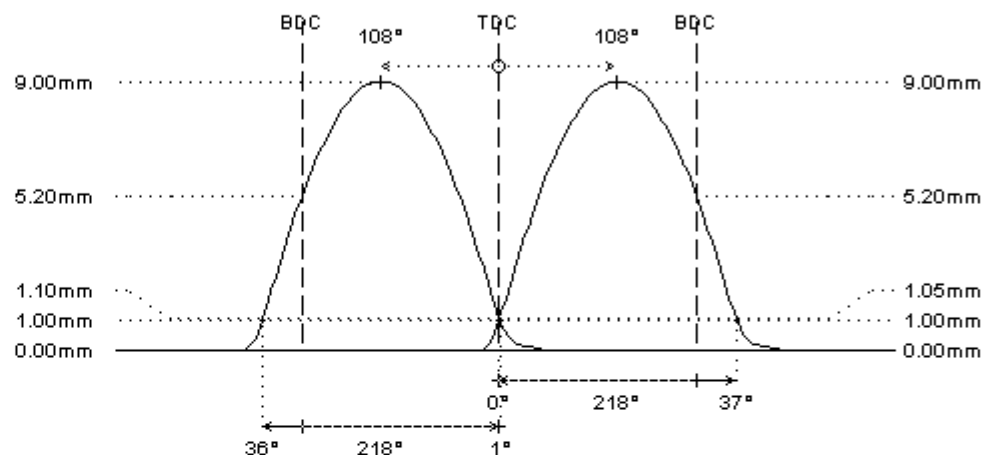
parts setup:

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	: 27kg @ 31.5mm	: 27kg @ 31.0mm
max. load / lift	: 54kg @ 9.0mm	: 54kg @ 9.0mm

REMARKS :

- # different valve spring setups have been used in the original engines:
please double check the measurements and contact Catcams in case of doubt
- # ONLY for 7mm valves with tripple groove (MK-7H valve keepers)



REMARKS :

- # Different OEM camshafts were used in this engine family. For ordering the correct sports camshaft, please check:
 - engine reference code
 - cam reference code
 - cam lift
 - keyway position: centered between 1st and 2nd cam lobe (54°)(76061xx) OR close to 1st cam lobe (22°)(76161xx)

Example: engine code "AER" has camshaft code "030 BG", cam lift "8.5mm" and keyway close to 1st cam lobe.

- # ECU reprogramming required