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sport

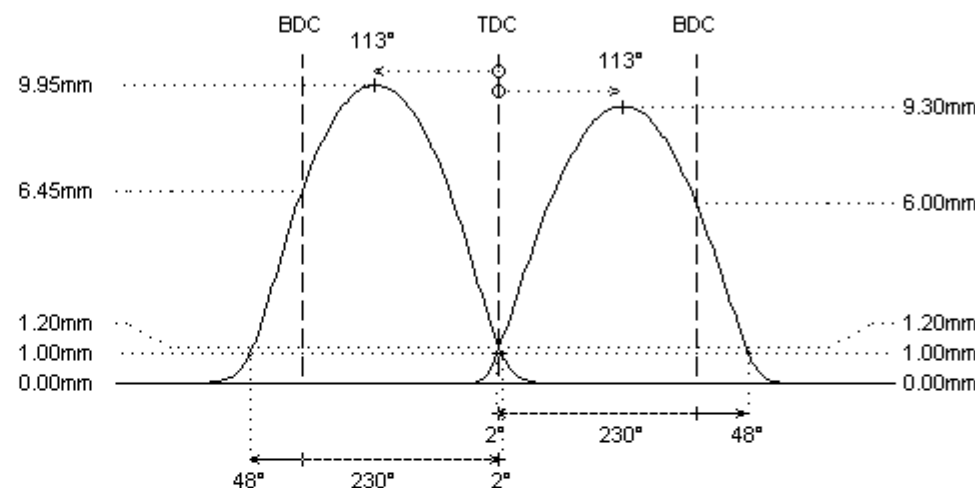
Volkswagen AER, ALL 50hp
I-4cyl 1.0L 8v SOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 267°	281°
duration @ 1.0mm	: 230°	230°
valve lift	: 9.30mm	9.95mm
cam lift	:	
lobe angle	: 113°	113°
timing @ 1.0mm	: 2° / 48°	48° / 2°
valve lift @ TDC	: 1.20mm	1.20mm
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.

- # also for G40
- # Please note that different OEM camshafts were used in this engines, with cam lift from 6,55mm to 9,55mm. For ordering the right camshaft, please verify your camlift and consult Catcams or your distributor