

7607103

sport

Volkswagen AVY 125hp (belt drive, intake VVT)

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

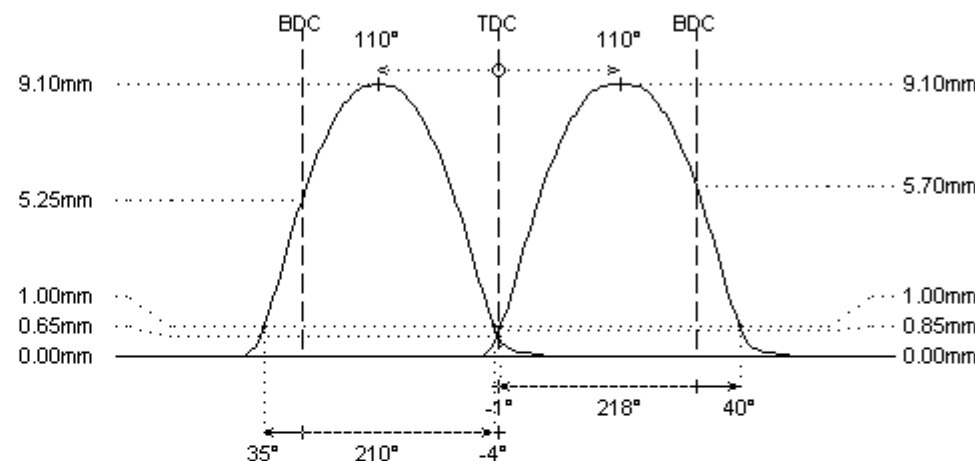
**intake****exhaust****camshaft data:**

lash ramp	: hydro	hydro
duration @ 0.1mm	: 268°	260°
duration @ 1.0mm	: 219°	211°
valve lift	: 9.10mm	9.10mm
cam lift	: 4.80mm	4.80mm
lobe angle	: 110°	110°
timing @ 1.0mm	: -1° / 40°	35° / -4°
valve lift @ TDC	: 0.85mm	0.65mm

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	: 24kg @ 34.0mm	: 24kg @ 34.0mm
max. load / lift	: 50kg @ 9.5mm	: 50kg @ 9.5mm

REMARKS :**REMARKS :**

- # - only for engines with VVT system (intake) and distribution with belt drive
- camshafts for use with original VVT system
- # The exact valve timing data of the original camshafts are not known. Valve timing data are illustrated on estimated peak angle of 110°. The actual valve timing in the engine may be different, as well as the indicated lift at TDC.
- # These engines have VANOS system on intake camshaft. Valve lift and timing data are illustrated on a virtual centerline of 110° (with corresponding virtual lift at TDC). The VANOS system changes the centerline and therefore the timing data and lift on TDC!!!
- # ECU reprogramming required
- # FLAT NOSE cam design
- # Distance between valve and piston should be 1.0mm at least:
 - check 5-15° after TDC on intake
 - check 5-15° before TDC on exhaust
 Machine pistons if required. Wrong installation can cause severe engine damage!