

7607604

turbo conversion

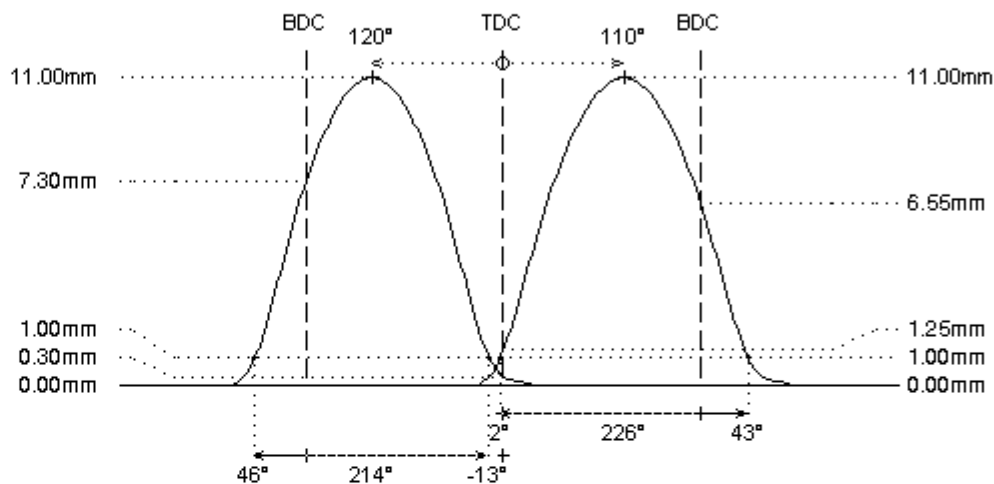
Volkswagen AQP-AUE 150kW, connecting chain with VVT tensioner

VR-6cyl 2.8L 24v DOHC



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 272°	260°
duration @ 1.0mm	: 225°	213°
valve lift	: 11.00mm	11.00mm
cam lift	: 5.50mm	5.50mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 2° / 43°	46° / -13°
valve lift @ TDC	: 1.25mm	0.30mm
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 :	O.E.M.	O.E.M.
fitted load / length	: 25kg @ 38.0mm	: 25kg @ 38.0mm
max. load / lift	: 61kg @ 11.5mm	: 61kg @ 11.5mm

REMARKS :



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- # - camshafts for use in AQP-AUE (2.8L) engines with connecting chain and VVT tensioner between intake and exhaust
- # check distance between valve seal and retainer to be at least 0.6mm at full lift
- # for TURBO conversion (atmospheric to turbo)
- # ECU reprogramming required
- # Distance between valve and piston should be 1.0mm at least:
 - check 5-15° after TDC on intake
 - check 5-15° before TDC on exhaustMachine pistons if required. Wrong installation can cause severe engine damage!