

7650263

tarmac rally - race

Volkswagen hydraulic tappets, 8mm valves, MK-8H

I-4cyl 1.8L 8v SOHC (DTH/DTH)

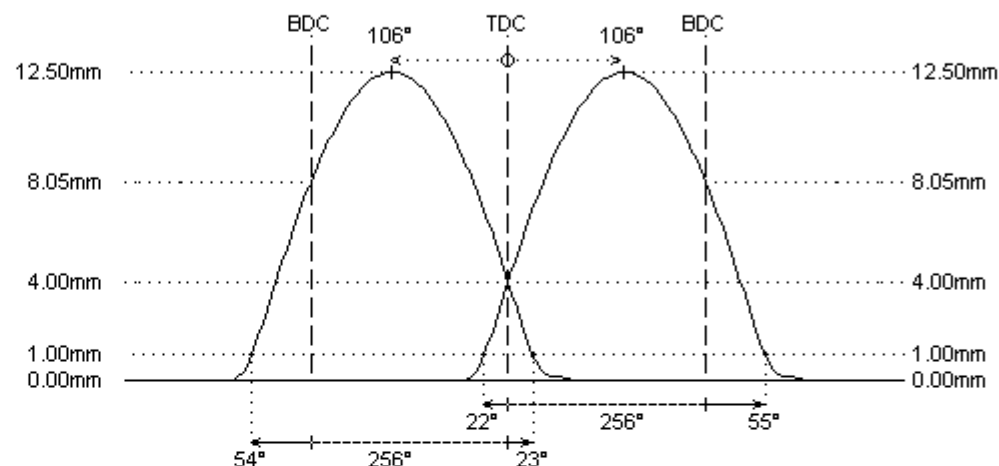


	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 296°	296°
duration @ 1.0mm	: 257°	257°
valve lift	: 12.50mm	12.50mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 22° / 55°	54° / 23°
valve lift @ TDC	: 4.00mm	4.00mm
parts setup:		
cam wheels :	: CCR3232	: CCR3232
follower	: 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	: 99320	: 99320
lower retainer	: remove	: remove
exterior spring	: PAC-E92009	: PAC-E92009
interior spring	: PAC-I92009	: PAC-I92009
fitted load / length	: 32kg @ 34.2mm	: 32kg @ 34.2mm
max. load / lift	: 101kg @ 14.0mm	: 101kg @ 14.0mm

REMARKS :

if required, use extra shims to increase spring load

use PAC-D12009 (GOLD quality) for applications over 12.5mm valve lift / 8500rpm



REMARKS :

FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:

- the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
- distance between valve seal and retainer at full lift must be 0.6mm at least
- minimum valve spring travel of 1.0mm at full lift must be provided
- distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake

ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors