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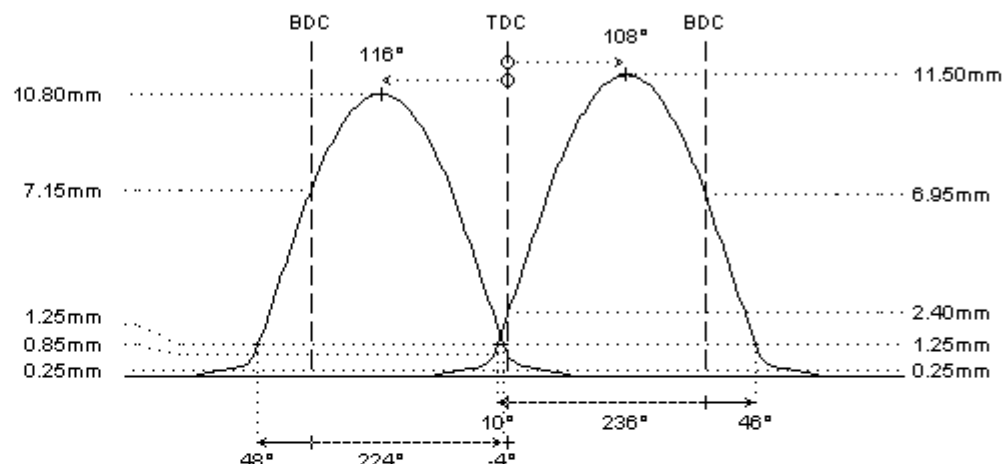
tarmac rally - race

Subaru EJ205 227hp / 294Nm

B-4cyl 2.0L 16v DOHC (DTs/DTs)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 269°	262°
duration @ 1.0mm	: 236°	224°
valve lift	: 11.50mm	10.80mm
cam lift	: 11.50mm	10.80mm
lobe angle	: 108°	116°
timing @ 1.0mm	: 10° / 46°	48° / -4°
valve lift @ TDC	: 2.40mm	0.85mm
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 :	PAC-S90019	PAC-S90019
interior spring :		
fitted load / length :	29kg @ 36.0mm	29kg @ 36.0mm
max. load / lift :	78kg @ 12.5mm	78kg @ 12.5mm

REMARKS :**REMARKS :**

- # - bearing diameters: 38.0mm - 30.0mm - 30.0mm
- cam base diameter: 37.0mm
- cam followers: mechanic tappet 35mm with 32mm shim
- no VVT
- # 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