

6401415

full race

Subaru EJ205 227hp / 294Nm

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



	intake	exhaust
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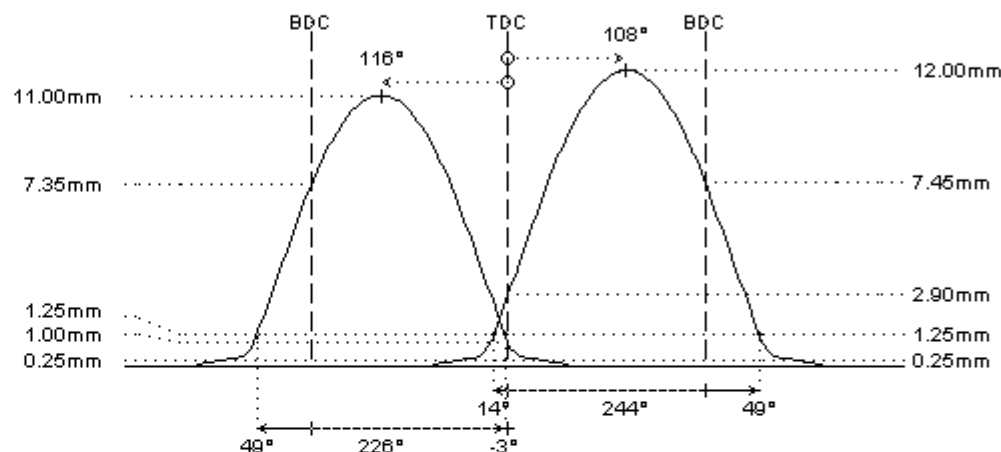
camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 277°	260°
duration @ 1.0mm	: 243°	226°
valve lift	: 12.00mm	11.00mm
cam lift	: 12.00mm	11.00mm
lobe angle	: 108°	116°
timing @ 1.0mm	: 14° / 49°	49° / -3°
valve lift @ TDC	: 2.90mm	1.00mm

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