

1300537

turbo conversion

Bmw M20 B20 125hp

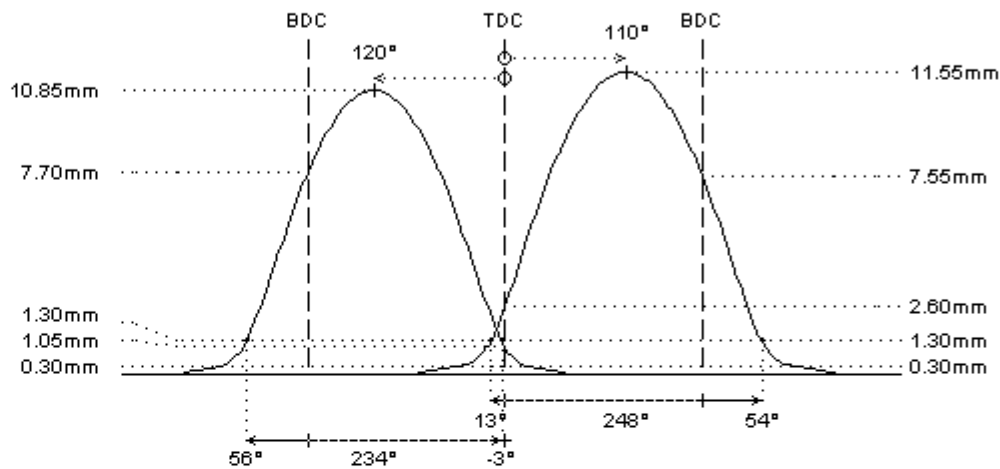
I-6cyl 2.0L 12v SOHC (RP/RP)



	intake	exhaust
camshaft data:		
lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 292°	270°
duration @ 1.0mm	: 247°	233°
valve lift	: 11.55mm	10.85mm
cam lift	: 7.30mm	6.90mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 13° / 54°	56° / -3°
valve lift @ TDC	: 2.60mm	1.05mm
parts setup:		
cam wheels :	: CTBM030	:
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-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 33kg @ 35.0mm	: 33kg @ 35.0mm
max. load / lift	: 113kg @ 14.0mm	: 113kg @ 14.0mm

REMARKS :

if required, use extra shims to increase spring load



REMARKS :

- # **NOW AVAILABLE: CATCAMS steel billet rocker arms CAT022 (coated) with original Mahle valve adjustment screws !!!**
- # **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
- # for TURBO conversion (atmospheric to turbo)