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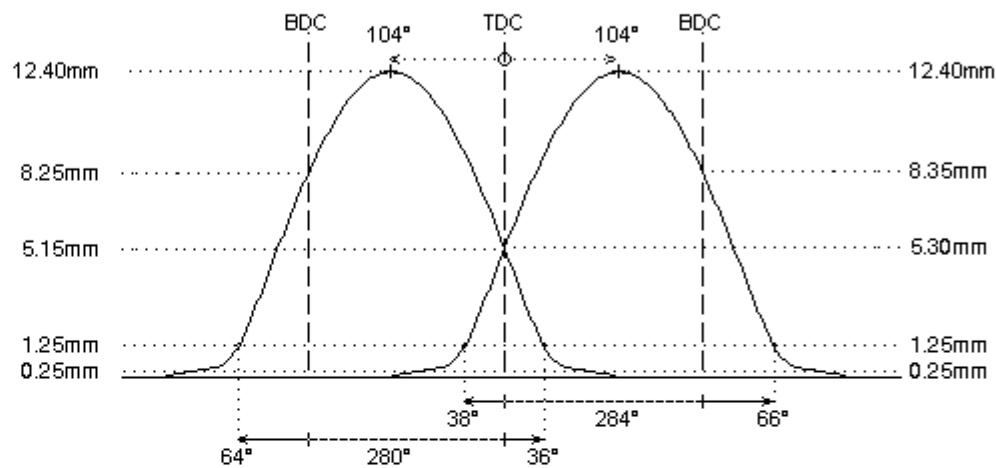
full race

Bmw M20 B20 125hp

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



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 334°	330°
duration @ 1.0mm	: 284°	280°
valve lift	: 12.40mm	12.40mm
cam lift	: 7.70mm	7.70mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 38° / 66°	64° / 36°
valve lift @ TDC	: 5.30mm	5.15mm
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 :

- # **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 carburettors

REMARKS :

if required, use extra shims to increase spring load