

# 1300559

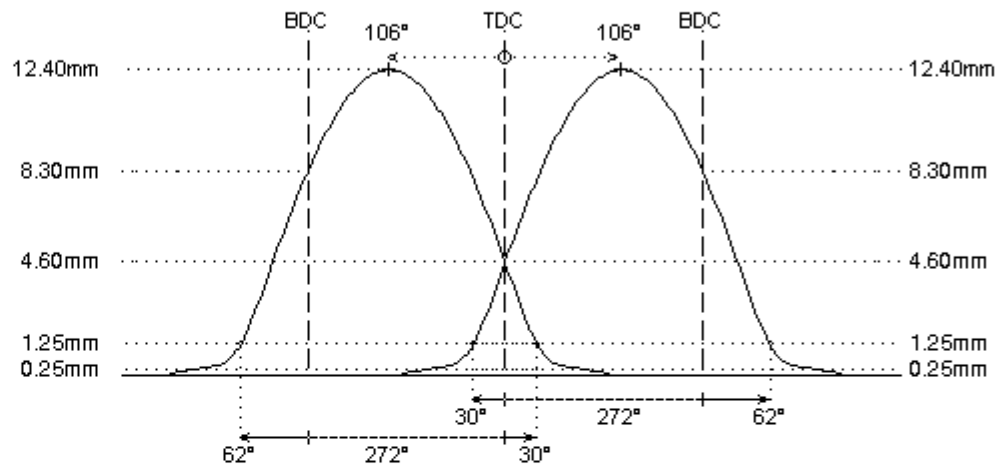
full race

Bmw M20 B20 125hp

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



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 322°	322°
duration @ 1.0mm	: 272°	272°
valve lift	: 12.40mm	12.40mm
cam lift	: 7.70mm	7.70mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 30° / 62°	62° / 30°
valve lift @ TDC	: 4.60mm	4.60mm
<b>parts setup:</b>		
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 !!!**
- # evolution of 1300517
- # **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

### REMARKS :

# if required, use extra shims to increase spring load