

1300736

turbo conversion

Bmw M30 150hp

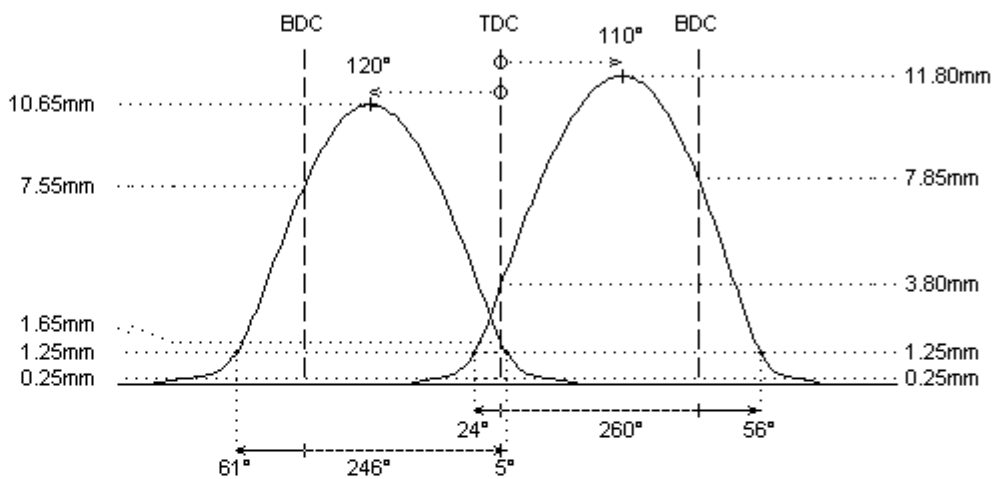
I-6cyl 2.5L 12v SOHC (RP/RP)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 301°	294°
duration @ 1.0mm	: 260°	246°
valve lift	: 11.80mm	10.65mm
cam lift	: 11.80mm	10.65mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 24° / 56°	61° / 5°
valve lift @ TDC	: 3.80mm	1.65mm
parts setup:		
cam wheels :	:	:
follower :	INFO	INFO
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 :	99326	99326
lower retainer :	not available	not available
exterior spring :	PAC-E95009	PAC-E95009
interior spring :	PAC-I95009	PAC-I95009
fitted load / length :	40kg @ 34.0mm	40kg @ 34.0mm
max. load / lift :	111kg @ 13.0mm	111kg @ 13.0mm

REMARKS :

- # larger excenter discs (part number "99019" - D18mm) available to adjust valve clearance for camshafts with reduced cam base diameter
- # Cat Cams steel billet rocker arms (part number "CAT021") are strongly advised for use over 7000rpm



REMARKS :

- # 13007xx: pre motronic
- # 13008xx: motronic 1
- # 13009xx: motronic 2
- NOW AVAILABLE: CATCAMS steel billet rocker arms (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 dirt track applications and pro street use with adjustable engine management or carburetors