

# 3701405

full race

Mazda BP Solid cam followers

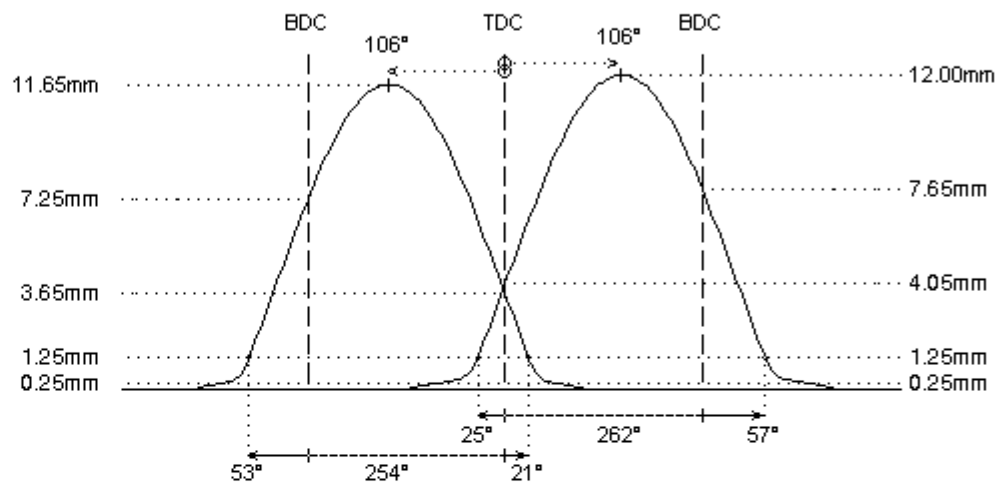
I-4cyl 1.8L 16v DOHC (DTs/DTs)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 305°	282°
duration @ 1.0mm	: 262°	254°
valve lift	: 12.00mm	11.65mm
cam lift	: 12.00mm	11.65mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 25° / 57°	53° / 21°
valve lift @ TDC	: 4.05mm	3.65mm
<b>parts setup:</b>		
cam wheels :	:  CTMA023	:  CTMA023
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-S90015	:  PAC-S90015
interior spring		
fitted load / length	: 27kg @ 39.3mm	: 27kg @ 39.3mm
max. load / lift	: 69kg @ 12.0mm	: 69kg @ 12.0mm

#### REMARKS :

# valve locks and retainers are not interchangeable with parts of the earlier BP cylinder head with hydraulic cam followers



#### REMARKS :

- # Camshafts for use with OEM mechanical cam followers. Please check the following dimensions before ordering:
  - short intake camshaft
  - long exhaust camshaft, grooves in cam bearings, slot for distributor drive
  - cam follower diameter: 30.0mm
  - shim diameter: 27.0mm (between cam and cam follower)
- # 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
- # if required, use extra shims to increase spring load