

# 4602625

tarmac rally - race

Opel Manta / Ascona 400

I-4cyl 2.4L 16v DOHC (DT/DT)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 307°	298°
duration @ 1.0mm	: 268°	260°
valve lift	: 13.00mm	12.50mm
cam lift	:	
lobe angle	: 104°	104°
timing @ 1.0mm	: 30° / 58°	54° / 26°
valve lift @ TDC	: 5.10mm	4.55mm

**parts setup:**

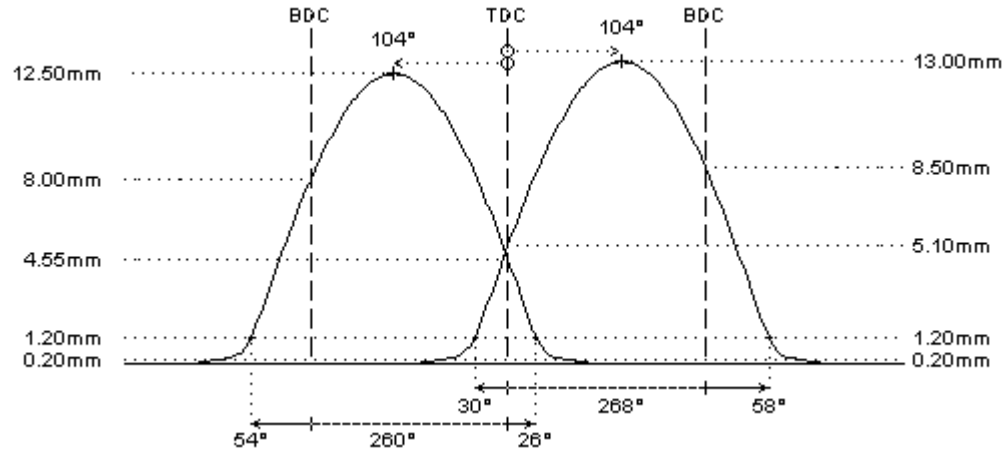
cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
lower retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
exterior spring	: <b>✗ not available</b>	: <b>✗ not available</b>
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

**REMARKS :**

# original valve spring info is not available  
valve spring kit can be developed on request

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**REMARKS :**

# 4602628

full race

Opel Manta / Ascona 400

I-4cyl 2.4L 16v DOHC (DT/DT)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 322°	312°
duration @ 1.0mm	: 278°	270°
valve lift	: 13.60mm	13.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 34° / 64°	60° / 30°
valve lift @ TDC	: 5.60mm	5.00mm

**parts setup:**

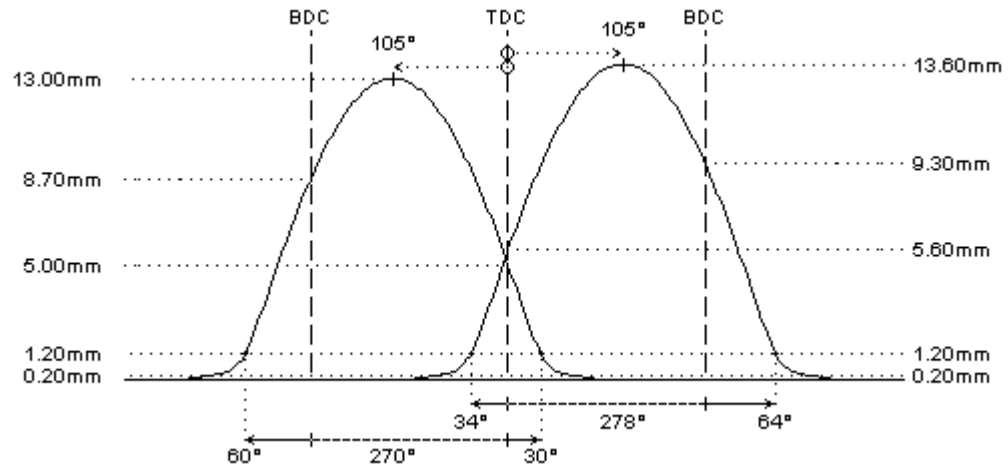
cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
lower retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
exterior spring	: <b>✗ not available</b>	: <b>✗ not available</b>
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

**REMARKS :**

# original valve spring info is not available  
valve spring kit can be developed on request

#



**REMARKS :**

# 4602633

hot street - dirt track

Opel Manta / Ascona 400

I-4cyl 2.4L 16v DOHC (DT/DT)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 298°	290°
duration @ 1.0mm	: 260°	252°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 22° / 58°	54° / 18°
valve lift @ TDC	: 4.00mm	3.45mm

**parts setup:**

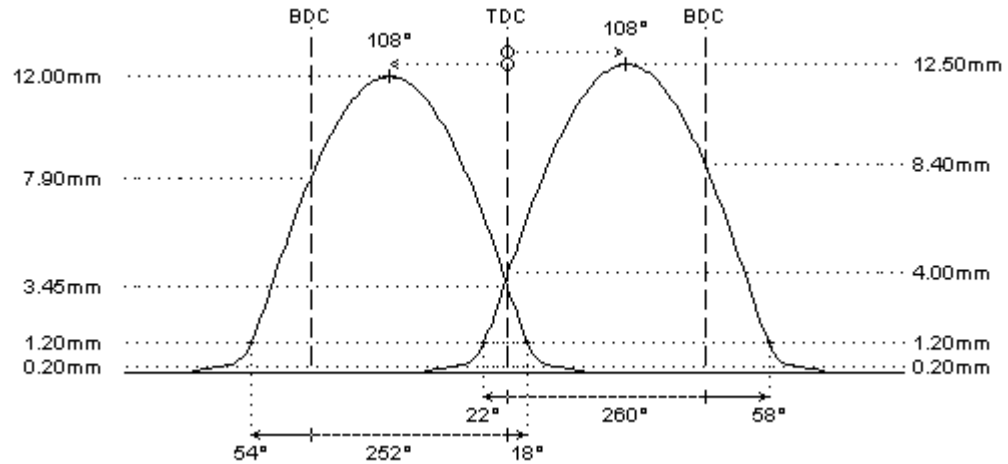
cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
lower retainer	: <b>✗ not available</b>	: <b>✗ not available</b>
exterior spring	: <b>✗ not available</b>	: <b>✗ not available</b>
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

**REMARKS :**

# original valve spring info is not available  
valve spring kit can be developed on request

#



**REMARKS :**

# 4602634

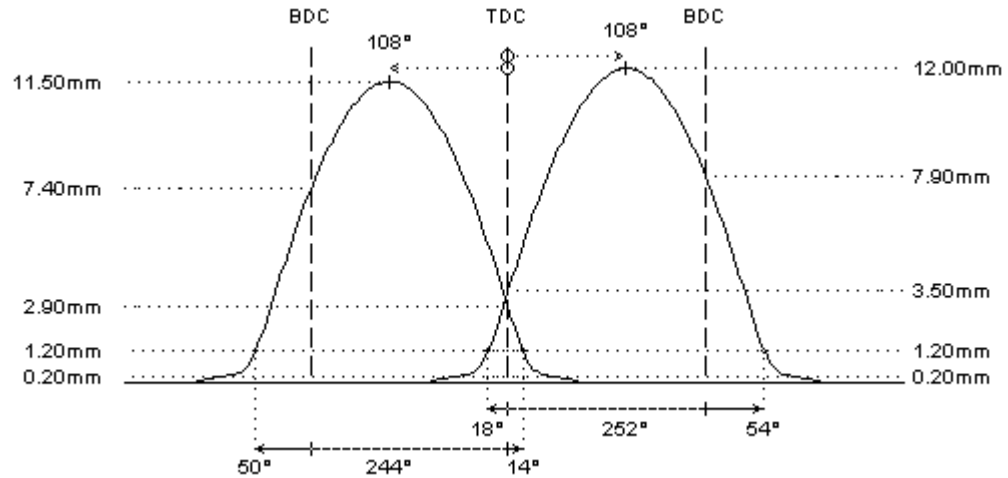
hot street - dirt track

Opel Manta / Ascona 400

I-4cyl 2.4L 16v DOHC (DT/DT)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 290°	282°
duration @ 1.0mm	: 252°	244°
valve lift	: 12.00mm	11.50mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 18° / 54°	50° / 14°
valve lift @ TDC	: 3.50mm	2.90mm
<b>parts setup:</b>		
cam wheels :	:	:
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 :	<b>✗ not available</b>	<b>✗ not available</b>
lower retainer :	<b>✗ not available</b>	<b>✗ not available</b>
exterior spring :	<b>✗ not available</b>	<b>✗ not available</b>
interior spring :		
fitted load / length :	0kg @ 0.0mm	0kg @ 0.0mm
max. load / lift :	0kg @ 0.0mm	0kg @ 0.0mm



**REMARKS :**

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# original valve spring info is not available  
valve spring kit can be developed on request

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