# 4900248

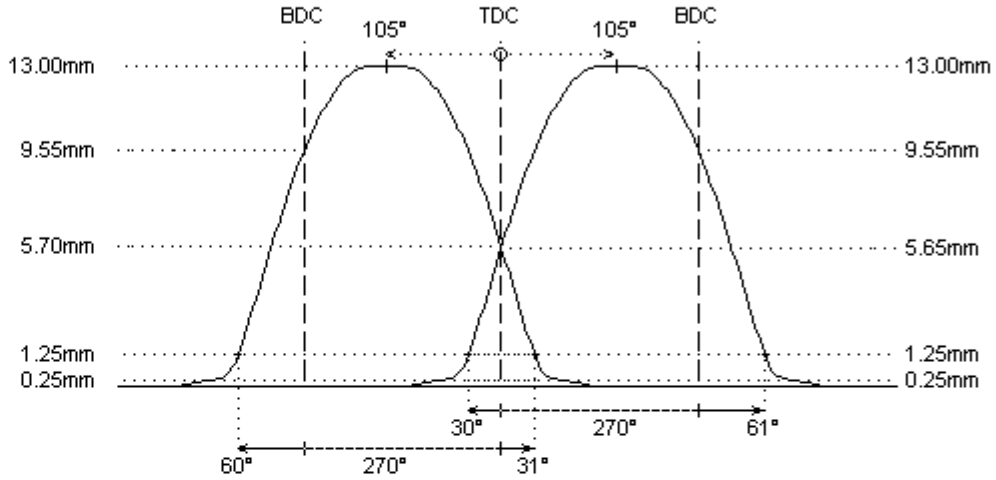
**full race**

Citroën XU5J (180A)

I-4cyl 1.6L 8v SOHC (DT/DT)

| | intake | exhaust |
|---|---|---|
| **camshaft data:** | | |
| lash ramp | : 0.25mm | 0.25mm |
| duration @ 0.1mm | : 298° | 298° |
| duration @ 1.0mm | : 271° | 271° |
| valve lift | : 13.00mm | 13.00mm |
| cam lift | : | |
| lobe angle | : 105° | 105° |
| timing @ 1.0mm | : 30° / 61° | 60° / 31° |
| valve lift @ TDC | : 5.65mm | 5.70mm |
| **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 | : **99331** | : **99331** |
| lower retainer | : **99631** | : **99631** |
| exterior spring | : **PAC-E99859** | : **PAC-E99859** |
| interior spring | : **PAC-I99859** | : **PAC-I99859** |
| fitted load / length | : 41kg @ 34.0mm | : 41kg @ 34.0mm |
| max. load / lift | : 118kg @ 14.0mm | : 118kg @ 14.0mm |

**REMARKS :**




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\# with fuel pump lobe

\# XU engines: 2 different valve length steems have been used (109mm & 105mm). This has an influence on the fitted length of the valve spring.
The lower retainer supplied with the upper retainer [ref. 99331] will in most cases provide the proper fitted length of 35-36mm for the springs [ref.99859]. If not please machine or adapt the lower retainer

\# FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
- the camshafs 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

\# FLAT NOSE cam design