

# TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **RB25DE(T) R33 Late Model**

PART NUMBER **SET 143050** IN **1415256085** EX **1419256085**

※ R33 Early / Late model compatible

|       |    |               |      |      |           |        |                   |                 |        |           |
|-------|----|---------------|------|------|-----------|--------|-------------------|-----------------|--------|-----------|
| GRIND | IN | 256° / 8.50mm | LASH | BACE | IN        | Φ 32.0 | ROCKER ARM RATIO* | VALVE CLEARANCE | IN     | -         |
|       | EX | 256° / 8.50mm | LASH |      | CIRCLE(Φ) | EX     |                   |                 | Φ 32.0 | WHEN COLD |

|      |    |             |               |      |           |       |
|------|----|-------------|---------------|------|-----------|-------|
| LIFT | IN | @CAM 8.50mm | @VALVE 8.50mm | LOBE | IN        | 120.0 |
|      | EX | @CAM 8.50mm | @VALVE 8.50mm |      | CENTER(°) | EX    |

\* ALL LIFTS ARE BASED ON ZERO LASH AND THORETICAL ROCKER ARM RATIOS

| CAM TIMING      |    | OPENS(°)  | CLOSES(°) | Actual Duration @ Opening(°) |
|-----------------|----|-----------|-----------|------------------------------|
| Actual Duration | IN | BTDC 8.0  | ABDC 68.0 | 256.0                        |
| Valve Lift      | EX | BBDC 63.0 | ATDC 13.0 | 256.0                        |

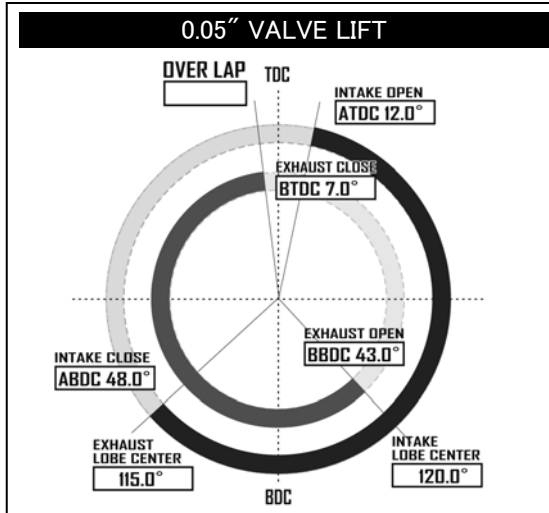
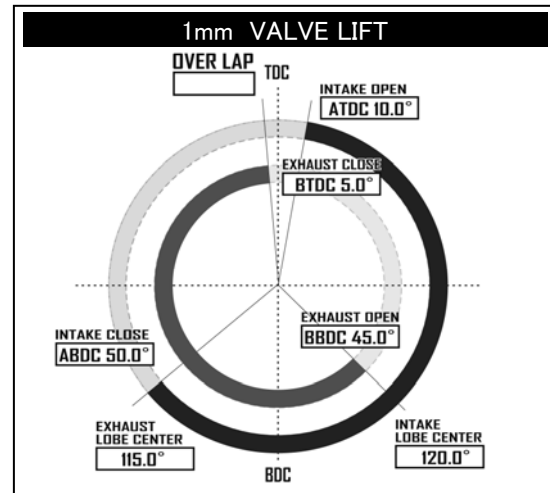
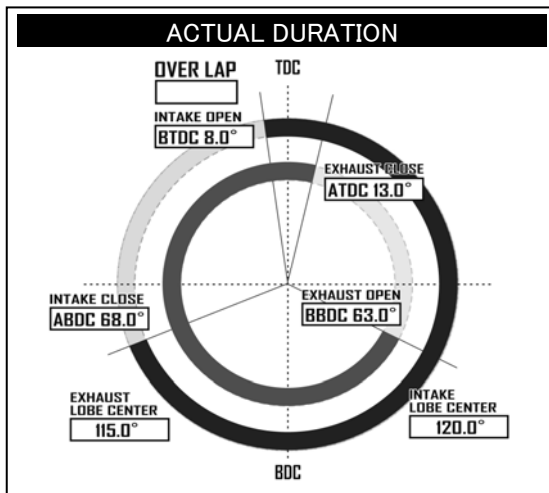
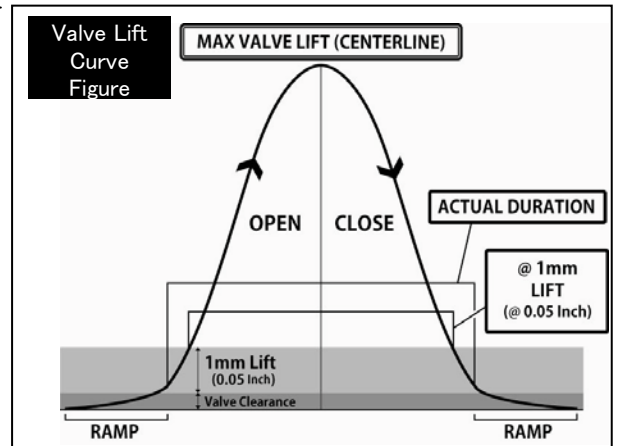
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

| CAM TIMING |    | OPENS(°)  | CLOSES(°) | TOTAL DURATION(°) |
|------------|----|-----------|-----------|-------------------|
| at 1mm     | IN | ATDC 10.0 | ABDC 50.0 | 220.0             |
| Valve Lift | EX | BBDC 45.0 | BTDC 5.0  | 220.0             |

Values are of actual duration from start to end of 1mm value points. (Excluding ramp values)

| CAM TIMING |    | OPENS(°)  | CLOSES(°) | TOTAL DURATION(°) |
|------------|----|-----------|-----------|-------------------|
| at 0.05"   | IN | ATDC 12.0 | ABDC 48.0 | 216.0             |
| Valve Lift | EX | BBDC 43.0 | BTDC 7.0  | 216.0             |

Values are of actual duration from start to end of 0.05" value points. (Excluding ramp values)



| REQUIRED VALVE SPRING SPEC |           |                     |
|----------------------------|-----------|---------------------|
| NOMAL HEIGHT (mm)          | STD or IN | 36.2 EX 44.5        |
| SET LENGTH (mm)            |           | 30.6 34.4           |
| LIFT LENGTH (mm)           |           | 21.6 25.6           |
| COMPRESSED HEIGHT(mm)      |           | 19.0 22.8           |
| SET LOAD (kgf)             |           | 23.9 38.5           |
| LIFT LOAD (kgf)            |           | 62.4 ± 5% 72.0 ± 5% |
| TOMEI PART NUMBER          |           | 13203R855           |

| REQUIRED PARTS |                   |
|----------------|-------------------|
| PRODUCT NAME   | TOMEI PART NUMBER |
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