

TOMEI Camshaft Spec Card

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|-----------|-----------------|--|--|--------|---------------------------|--|--|
| PART NAME | PONGAM / PROCAM | | | ENGINE | RB25DE(T) R33 Early Model | | |
|-----------|-----------------|--|--|--------|---------------------------|--|--|

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|-------------|-----|--------|----|------------|----|------------|
| PART NUMBER | SET | 143020 | IN | 1415256085 | EX | 1412256085 |
|-------------|-----|--------|----|------------|----|------------|

※ R33 Early / Late model compatible

| | | | | | | | | | | |
|-------|----|---------------|-------|------|-----------|--------|-------------------|-----------------|--------|----|
| GRIND | IN | 256° / 8.50mm | SOLID | BASE | IN | Φ 32.0 | ROCKER ARM RATIO* | VALVE CLEARANCE | IN | - |
| | EX | 256° / 8.50mm | SOLID | | CIRCLE(Φ) | EX | | | Φ 32.0 | EX |

| | | | | | | |
|------|----|-------------|---------------|------|-----------|-------|
| 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 |

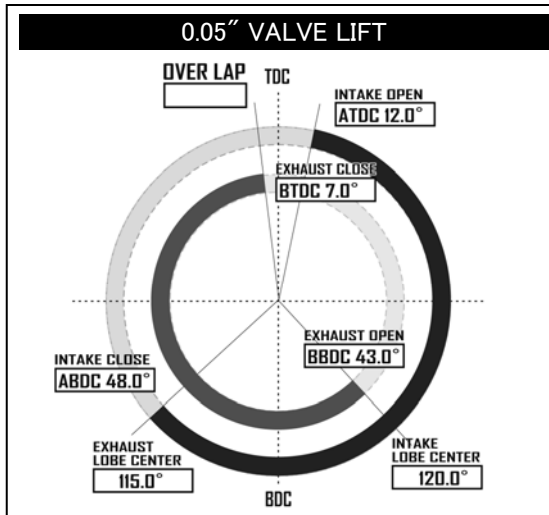
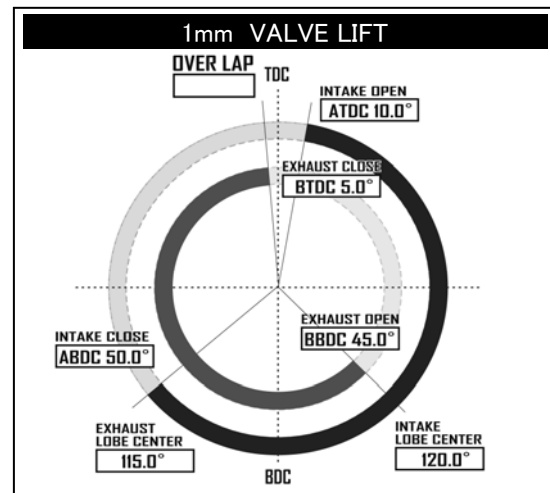
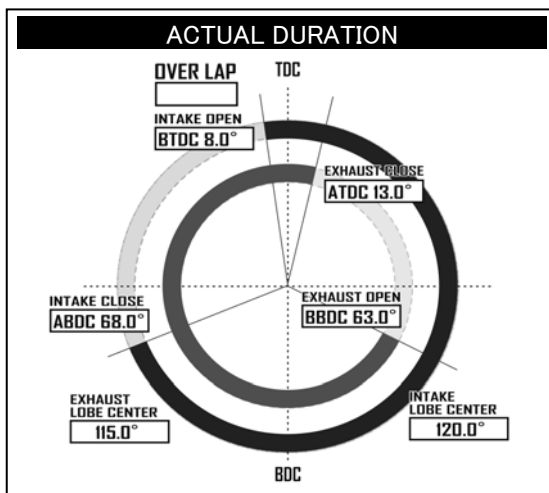
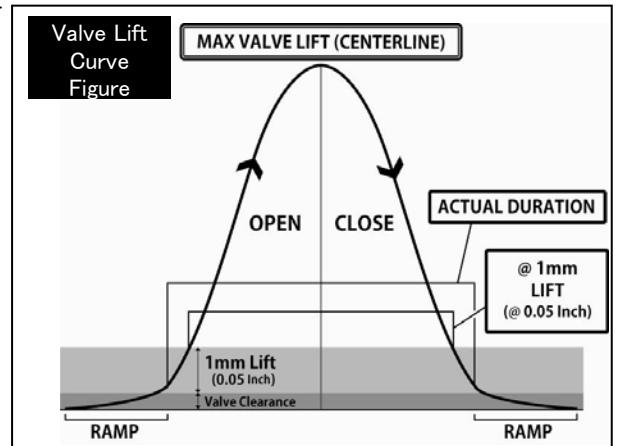
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

| 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. 62.4 ± 5% 38.5 |
| LIFT LOAD (kgf) | | 72.0 ± 5% |
| TOMEI PART NUMBER | | 13203R855 |

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