

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **RB26DETT BNR34**

PART NUMBER **SET** **-** **IN** **1421290115** **EX** **1426290115**

※BNR32/BCNR33/BNR34 compatible

| | | | | | | | | | | |
|-------|----|----------------|-------|-----------|----|-------|-------------------|-----------------|----|------|
| GRIND | IN | 290° / 11.50mm | SOLID | BACE | IN | Φ30.0 | ROCKER ARM RATIO* | VALVE CLEARANCE | IN | 0.45 |
| | EX | 290° / 11.50mm | SOLID | CIRCLE(Φ) | EX | Φ30.0 | - | WHEN COLD | EX | 0.38 |

| | | | | | | |
|------|----|--------------|----------------|-----------|----|-------|
| LIFT | IN | @CAM 11.50mm | @VALVE 11.05mm | LOBE | IN | 110.0 |
| | EX | @CAM 11.50mm | @VALVE 11.12mm | CENTER(°) | EX | 115.0 |

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

| CAM TIMING | | OPENS(°) | CLOSES(°) | Actual Duration @ Opening(°) |
|-----------------|----|-----------|-----------|------------------------------|
| Actual Duration | IN | BTDC 34.0 | ABDC 76.0 | 290.0 |
| Valve Lift | EX | BBDC 79.0 | ATDC 31.0 | 290.0 |

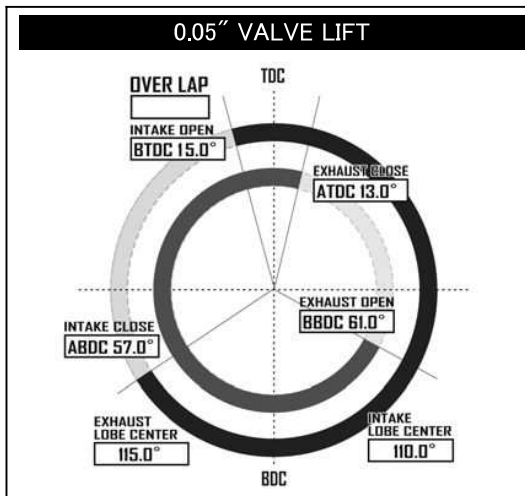
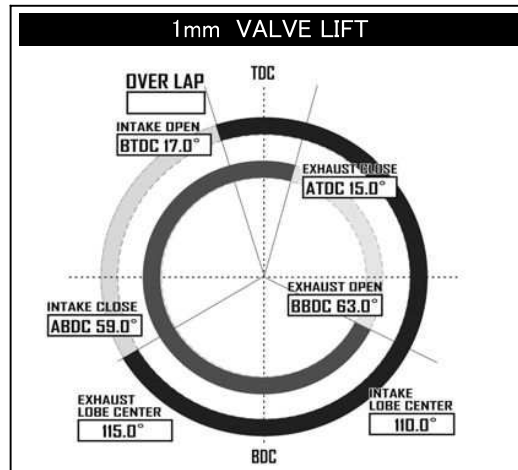
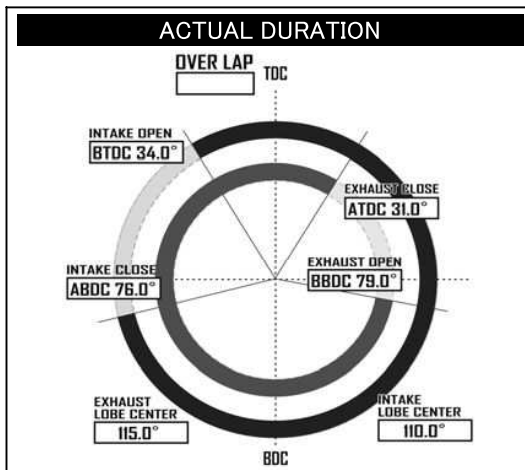
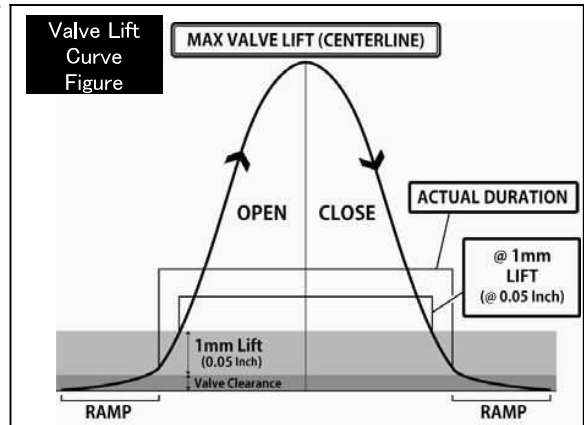
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

| CAM TIMING | | OPENS(°) | CLOSES(°) | TOTAL DURATION(°) |
|------------|----|-----------|-----------|-------------------|
| at 1mm | IN | BTDC 17.0 | ABDC 59.0 | 256.0 |
| Valve Lift | EX | BBDC 63.0 | ATDC 15.0 | 258.0 |

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 | BTDC 15.0 | ABDC 57.0 | 252.0 |
| Valve Lift | EX | BBDC 61.0 | ATDC 13.0 | 254.0 |

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



| REQUIRED VALVE SPRING SPEC | |
|----------------------------|-----------|
| NOMAL HEIGHT (mm) | 45.0 |
| SET LENGTH (mm) | 40.2 |
| LIFT LENGTH (mm) | 29.0 |
| COMPRESSED HEIGHT(mm) | 28.0 |
| SET LOAD (kgf) | 24.0 ± 7% |
| LIFT LOAD (kgf) | 97.8 ± 7% |
| TOMEI PART NUMBER | 173002 |

| REQUIRED PARTS | |
|-----------------------------|-------------------|
| PRODUCT NAME | TOMEI PART NUMBER |
| VALVE LIFTER | 163005 |
| MODIFICATION FOR BIGGER CAM | 31101010 |
| ADJUSTABLE CAM PULLEYS IN | 152009 |
| ADJUSTABLE CAM PULLEYS EX | 152010 |
| VALVE RECESSION 4VALVES | 32109040 |

TOMEI
The Engine Specialist