

# TAM QUICK ENGINE SPECIFICATION

specs\_per\_g4.236.xlsx

| <b>Perkins G4.236</b>  |                       |                        |                              |                                 |
|------------------------|-----------------------|------------------------|------------------------------|---------------------------------|
| <b>3860 C.C.</b>       |                       |                        |                              |                                 |
| <b>BORE</b>            | <b>STROKE</b>         | <b>FIRING ORDER</b>    | <b>MAIN JOURNAL</b>          | <b>ROD JOURNAL</b>              |
| 3.877                  | 5                     | 1-3-4-2                | 2.999                        | 2.4995                          |
| <b>SPARK PLUG TYPE</b> | <b>SPARK PLUG GAP</b> | <b>DISTRIBUTOR GAP</b> | <b>IGN.TIMING IDLE SPEED</b> | <b>OIL CAPACITY PLUS FILTER</b> |
|                        |                       |                        |                              |                                 |
| <b>LOCATION</b>        |                       | <b>TORQUE VALUES</b>   | <b>LOCATION</b>              |                                 |
| <b>FT. LB.</b>         |                       |                        | <b>FT. LB.</b>               |                                 |
| Main brg.caps          | 145                   |                        | Oil pan drain plug           |                                 |
| Rod brg.caps           | 80                    |                        | Oil pump bolt                |                                 |
| Cyl. head bolts        | 96                    |                        | Water outlet bolt            |                                 |
| Cam sprocket bolt      | 48                    |                        | Water pump bolt              |                                 |
| Governor drv. gear     | 24                    |                        | Wtr.pmp.pulley bolt          |                                 |
| Rocker stud            | 77                    |                        |                              |                                 |
| Idler gr.hub screw     | 30                    |                        |                              |                                 |
| <b>PISTON</b>          |                       |                        |                              |                                 |
| Piston diameter        |                       |                        | Sleeve clearance             | .0044-.0062                     |
| Pin diameter           | .9998-1.0000          |                        |                              |                                 |
| <b>RINGS</b>           |                       |                        |                              |                                 |
| Ring gap-Top           | .016-.021             |                        | Side clearance Top           |                                 |
| Ring gap-2nd           | .012-.017             |                        | Side clearance 2nd           |                                 |
| Ring gap-Oil           | .012-.017             |                        | Side clearance Oil           |                                 |
| <b>CRANKSHAFT</b>      |                       |                        |                              |                                 |
| Main journal dia.      | 2.9985-2.9990         |                        | Rod journal dia.             | 2.4990-2.4995                   |
| Main run clearance     | .0024-.0049           |                        | Rod run clearance            | .0015-.0035                     |
| End play               | .020-.0150            |                        |                              |                                 |
| <b>CAMSHAFT</b>        |                       |                        |                              |                                 |
| Journal diameter       | 1.9965-1.9975         |                        | End play                     | .0040-.0160                     |
| <b>VALVES</b>          |                       |                        |                              |                                 |
| Intake length          |                       |                        | Exhaust length               |                                 |
| Intake stem dia.       | .372-.373             |                        | Exhaust stem dia.            | .372-.3728                      |
| Intake head dia.       | 1.742-1.746           |                        | Exhaust head dia.            | 1.438-1.442                     |
| Intake face angle      | 45 deg.               |                        | Exhaust face angle           | 45 deg.                         |
| Intake clearance       | .012 hot              |                        | Exhaust clearance            | .015 hot                        |