

Thunder Stroke 111

SPECIFICATIONS

ENGINE OVERVIEW	
Displacement	111 c.i. (1811 c.c.)
Engine Torque	More than 115 ft-lbs (160 N*m)
Engine Type	49 deg V- Twin
Cooling system type	Air Cooled with Integrated Oil Cooler
Idle speed +/-50rpm	800 RPM
Max Engine speed	5500 RPM

VALVETRAIN	
Valves per cylinder	2
Actuation	Three-Cam, Push-rod, OHV
Lifter Type	Hydraulic
Compression Release	Yes
Bore	3.89 in (101 mm)
Stroke	4.45 in (113 mm)
Target Compression Ratio	9.5: 1
Balancer Type	Helical Gear Primary Balancer

DRIVE TRAIN	
Primary Drive	Gear 55/86 ratio
No. of Ratios	6-speed Overdrive constant mesh
Spur/Helical	1st Spur, 2-6 Helical
Gear Ratios (overall)	
1st	9.403
2nd	6.411
3rd	4.763
4th	3.796
5th	3.243
6th	2.789
Final Drive	Carbon Fiber Reinforced Belt 30/66 ratio
Clutch Type	Multi-plate, Wet clutch, Integral Damper

FUEL INDUCTION SYSTEM	
Throttle actuation	Electronic Throttle Control
Throttle Diameter	2.13 in. / 54 mm
Fuel Delivery type	Electronic Sequential Port Fuel Injection
Fuel Type	Premium recommended

LUBRICATION SYSTEM	
Oil Type	20W-40
Sump type	Semi-dry