99888-0043-02

Table of Contents

SPECIFICATIONS 1-2

SPECIFICATIONS

DIMENSIONS	
Overall Length:	
KX252E	2 190 mm (86.22 in.)
KX252F	2 185 mm (86.02 in.)
Overall Width	820 mm (32.28 in.)
Overall Height:	
KX252E	1 265 mm (49.80 in.)
KX252F	1 260 mm (49.61 in.)
Wheelbase	1 485 mm (58.46 in.)
Road Clearance:	
KX252E	340 mm (13.4 in.)
KX252F	330 mm (13.0 in.)
Curb Mass:	
KX252E	109.5 kg (241 lb)
KX252F	110.6 kg (244 lb)
Fuel Tank Capacity	6.2 L (1.6 US gal)
ENGINE	
Type	4-stroke, DOHC, single-cylinder, liquid-cooled
Bore × Stroke	78.0 × 52.2 mm (3.07 × 2.06 in.)
Displacement	249 cm³ (15.2 cu in.)
Compression Ratio	14.0:1
Fuel System	FI (Fuel Injection)
Starting System	Electric starter
Ignition System	Digital DC-CDI
Ignition Timing	12° BTDC @2 000 r/min (rpm)
Lubrication System	Forced lubrication (semi-dry sump)
Spark Plug	NGK SILMAR9F9
Spark Plug Terminal	Solid-post
TRANSMISSION	
Transmission Type	5-speed, constant mesh, return shift
Clutch Type	Wet, multi disc
Driving System	Chain drive
Gear Ratio:	
1st	2.077 (27/13)
2nd	1.688 (27/16)
3rd	1.438 (23/16)
4th	1.235 (21/17)
5th	1.045 (23/22)
Primary Reduction Ratio	3.350 (67/20)
Final Reduction Ratio	3.846 (50/13)
Overall Drive Ratio	13.470 (Top gear)

SPECIFICATIONS

Engine Oil:	
Type	API SG, SH, SJ, SL or SM with JASO MA, MA1 or MA2
Viscosity	SAE 10W-40
Capacity	1.0 L (1.1 US qt)
FRAME	
Type	Tubular, semi-double cradle
Steering Angle	42° to either side
Caster:	
KX252E	27.0°
KX252F	27.5°
Trail:	
KX252E	118 mm (4.65 in.)
KX252F	123 mm (4.84 in.)
KX252E	
Tire Size/Type:	
Front	80/100-21 51M/DUNLOP MX34F
Rear	110/90-19 62M/DUNLOP MX34
Rim Size:	
Front	21 × 1.60
Rear	19 × 1.85
KX252F	
Tire Size/Type:	
Front	90/90-21 54R/DUNLOP EN91F
Rear	140/80-18 70R/DUNLOP EN91
Rim Size:	
Front	21 × 1.60
Rear	18 × 2.15
Suspension:	
Front	Telescopic fork (upside-down)
Rear	New Uni-trak® swingarm
Front Suspension Travel	305 mm (12.01 in.)
Rear Wheel Travel	307 mm (12.08 in.)
Front Fork Oil:	
Type	Kawasaki Fork Oil A15-00
Amount:	
Cylinder Unit	248 mL (8.38 US oz.)
Outer Tube:	
KX252ET	334 mL (11.3 US oz.)
KX252EV –	336 mL (11.4 US oz.)
KX252F	316 mL (10.7 US oz.)

SPECIFICATIONS

BRAKES	
Type:	
Front	Single disc
Rear	Single disc
ELECTRICAL EQUIPMENT	
Battery	12.8 V 2.0 Ah (10 HR), Lithium-ion battery

Specifications are subject to change without notice.