99888-0063-01

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DIMENSIONS	
Overall Length:	
KLX140A	1 820 mm (71.65 in.)
KLX140B	1 895 mm (74.61 in.)
KLX140C	2 005 mm (78.94 in.)
Overall Width	790 mm (31.1 in.)
Overall Height:	
KLX140A	1 050 mm (41.34 in.)
KLX140B	1 075 mm (42.32 in.)
KLX140C	1 135 mm (44.68 in.)
Wheelbase:	
KLX140A	1 260 mm (49.61 in.)
KLX140B	1 285 mm (50.59 in.)
KLX140C	1 330 mm (52.36 in.)
Road Clearance:	
KLX140A	235 mm (9.25 in.)
KLX140B	255 mm (10.0 in.)
KLX140C	315 mm (12.4 in.)
Curb Mass:	
KLX140A	93 kg (205 lb)
KLX140B	95 kg (209 lb)
KLX140C	99 kg (218 lb)
Fuel Tank Capacity	5.8 L (1.5 US gal)
ENGINE	
Type	SOHC, 2-valve, single-cylinder, 4-stroke, Air-cooled
Bore × Stroke	58.0 × 54.4 mm (2.28 × 2.14 in.)
Displacement	144 cm³ (8.79 cu in.)
Compression Ratio	9.5 : 1
Carburetor	KEIHIN PB20
Starting System	Electric starter
Ignition System	DC-CDI
Ignition Timing:	
KLX140A/B	10° BTDC @1 400 r/min (rpm) – 30° BTDC @4 000 r/min (rpm)
KLX140C	10° BTDC @1 500 r/min (rpm) – 30° BTDC @4 000 r/min (rpm)
Lubrication System	Forced lubrication (wet sump)
Spark Plug	NGK CR7HSA
Spark Plug Terminal	Screw type
TRANSMISSION	
Transmission Type	5-speed, constant mesh, return shift
Clutch Type	Wet, multi disc
Drive System	Chain drive

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Gear Ratios:	
1st	2.667 (40/15)
2nd	1.895 (36/19)
3rd	1.474 (28/19)
4th	1.182 (26/22)
5th	1.000 (24/24)
Primary Reduction Ratio	2.880 (72/25)
Final Reduction Ratio:	
KLX140A	3.571 (50/14)
KLX140B	3.923 (51/13)
KLX140C	4.385 (57/13)
Overall Drive Ratio (top gear):	
KLX140A	10.286
KLX140B	11.298
KLX140C	12.628
Engine Oil:	
Capacity	1.3 L (1.37 US qt)
Type	API SG, SH, SJ, SL or SM with JASO MA, MA1 or MA2
Viscosity	SAE 10W-40
FRAME	
Type	Tubular, semi-double cradle
Steering Angle	41° to either side
Caster	27.0°
Trail:	
KLX140A	85 mm (3.3 in.)
KLX140B	96 mm (3.8 in.)
KLX140C	116 mm (4.57 in.)
Tire Size, Type:	
Front:	
KLX140A	70/100-17 40M, IRC., LTD., IX05H
KLX140B	70/100-19 42M, IRC., LTD., IX05H
KLX140C	2.75-21 45M, IRC., LTD., VE35F
Rear:	
KLX140A	90/100-14 49M, IRC., LTD., IX05H
KLX140B	90/100-16 52M, IRC., LTD., IX05H
KLX140C	4.10-18 59M, IRC., LTD., VE33
Rim Size:	
Front:	
KLX140A	17 × 1.40
KLX140B	19 × 1.40
KLX140C	21 × 1.60

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Rear:	
KLX140A	14 × 1.60
KLX140B	16 × 1.85
KLX140C	18 × 1.85
Suspension:	
Front	Telescopic fork
Rear	New Uni-trak® swingarm
Front Suspension Travel:	
KLX140A/B	180 mm (7.09 in.)
KLX140C	190 mm (7.48 in.)
Rear Wheel Travel:	
KLX140A/B	180 mm (7.09 in.)
KLX140C	200 mm (7.87 in.)
Front Fork Oil:	
Type	Kawasaki Fork Oil SS-8
Amount (per fork leg):	
KLX140A	296 mL (10.0 US oz.)
KLX140B	290 mL (9.80 US oz.)
KLX140C	282 mL (9.53 US oz.)
BRAKES	
Type (Front & Rear)	Single Disc
ELECTRICAL EQUIPMENT	
Battery	12 V 6 Ah (10 HR)

Specifications are subject to change without notice.