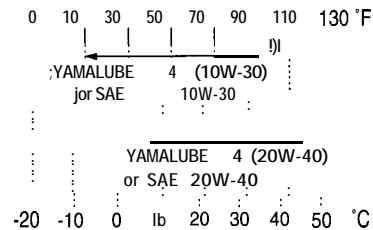


Specifications

Model	VMX12/VMX12C
Dimensions	
Overall length	2,300 mm (90.6 in)
Overall width	795 mm (31.3 in)
Overall height	1,160 mm (45.7 in)
Seat height	765 mm (30.1 in)
Wheelbase	1,590 mm (62.6 in)
Ground clearance	145 mm (5.7 in)
Minimum turning radius	2,900 mm (114.2 in)
Basic weight (with oil and full fuel tank)	
VMX12	283 kg (624 lb)
VMX12C	284 kg (626 lb)
Engine	
Engine type	Liquid-cooled 4-stroke, DOHC
Cylinder arrangement	V type, 4-cylinder
Displacement	1,198 cm ³
Bore x stroke	76 x 66 mm (3.0 x 2.6 in)
Compression ratio	10.5:1
Starting system	Electric starter
Lubrication system	Wet sump

Engine oil

Type



Recommended engine oil classification

API Service SE, SF, SG type or higher

CAUTION:

Be sure to use motor oils that do not contain anti-friction modifiers. Passenger car motor oils (often labeled "Energy Conserving") contain anti-friction additives which will cause clutch and/or starter clutch slippage, resulting in reduced component life and poor engine performance.

Quantity

Without oil filter cartridge replacement	3.2 L (2.8 Imp qt, 3.4 US qt)
With oil filter cartridge replacement	3.4 L (3.0 Imp qt, 3.6 US qt)
Total amount (dry engine)	4.0 L (3.5 Imp qt, 4.2 US qt)

Final gear oil

Type	SAE80API "GL-4" Hypoid gear oil
Quantity	0.2 L (0.18 Imp qt, 0.21 US qt)

Cooling system capacity (total amount)

3.05 L (2.68 Imp qt, 3.22 US qt)

Air filter

Dry type element

Fuel

Type	Unleaded fuel
Fuel tank capacity	15 L (3.3 Imp gal, 4.0 US gal)
Fuel reserve amount	3 L (0.7 Imp gal, 0.8 US gal)

Carburetor

Manufacturer	MIKUNI
Model x quantity	BDS35 x 4

Spark plug

Manufacturer/model	DPR8EA-9 / NGK or X24EPR-U9 / DENSO
Gap	0.8-0.9 mm (0.03-0.04 in)

Clutch type

Wet, multiple-disc

Transmission

Primary reduction system	Spur gear
Primary reduction ratio	1.775
Secondary reduction system	Shaft drive
Secondary reduction ratio	2.851
Transmission type	Constant-mesh, 5-speed

Operation

Left foot

Gear ratio	1st	2.529
	2nd	1.772
	3rd	1.347
	4th	1.076
	5th	0.928

Chassis

Frame type	Double cradle
Caster angle	29°
Trail	119 mm (4.69 in)

Tires

Front	Type	Tubeless
	Size	110/90-18 61V
	Manufacturer/ model	Bridgestone / G525AW Dunlop / F20
Rear	Type	Tubeless
	Size	150/90-15 M/C 74V
	Manufacturer/ model	Bridgestone / G526BW Dunlop K525

SPECIFICATIONS

Maximum load*		
VMX12	216 kg (476 lb)	
VMX12C	215 kg (474 lb)	
Tire air pressure (measured on cold tires)		
Up to 90 kg (198 lb)*		
Front	225 kPa (2.25 kgf/cm ² , 33 psi)	
Rear	225 kPa (2.25 kgf/cm ² , 33psi)	
90 kg (198 lb)-maximum*		
Front	225 kPa (2.25 kgf/cm ² , 33psi)	
Rear	250 kPa (2.50 kgf/cm ² , 36psi)	
High-speed riding		
Front	225 kPa (2.25 kgf/cm ² , 33psi)	
Rear	250 kPa (2.50 kgf/cm ² , 36psi)	

* Total weight of rider, passenger, cargo and accessories

Wheels

Front		
Type	Cast wheel	
Size	18 x MT2.15	
Rear		
Type	Cast wheel	
Size	15M/C x MT 3.50	

Brakes

Front		
Type	Dual disc brake	

Operation	Right hand
Fluid	DOT 4
Rear	
Type	Single disc brake
Operation	Right foot
Fluid	DOT 4

Suspension

Front	Telescopic fork
Rear	Swingarm

Spring/shock absorber

Front	Coil-air spring / oil damper
Rear	Coil spring / oil damper

Wheel travel

Front	140 mm (5.5 in)
Rear	100 mm (3.9 in)

Electrical system

Ignition system	T.C.I. (digital)
Charging system	
Type	A.C. magneto
Standard output	14 V, 22.5 A @ 5,000 r/min
Battery	
Model	YB16AL-A2
Voltage, capacity	12 V, 16Ah

Headlight type

Quartz bulb (halogen)

Bulb voltage, wattage x quantity

Headlight	12 V, 60/55 W x 1
Tail/brake light	12 V, 8/27 W x 2
Front turn signal/position light	12 V, 27/8 W x 2
Rear turn signal light	12 V, 27 W x 2
Meter lighting	14 V, 3 W x 2
Neutral indicator light	14 V, 3 W x 1
High beam indicator light	14 V, 3 W x 1
Turn signal indicator light	14 V, 3 W x 1
Fuel level warning light	14 V, 3 W x 1
Oil level warning light	14 V, 3 W x 1

Fuses

Main fuse	30A
Headlight fuse	15A
Signaling system fuse	10A
Radiator fan fuse	10A
Ignition fuse	10A