

# Specifications

Model: **AE12W4-EU(AEF)**

DIMENSIONS				FRAME			
Overall Length		1905	mm	Type	pipe under bone		
Overall Width		780	mm	Material	steel		
Overall Height		1125	mm	Suspension Type	front	telescope fork	
Wheel Base		1325	mm		rear	unit swing	
			mm	Travel	front	70	mm
			deg		rear	68.3	mm
Weight Distribution (curb weight)	front	44	kg	Rim Material	front	aluminum	
	rear	79	kg		rear	aluminum	
	total	123	kg	Size	front	3.0×12	
Weight Distribution (max. allowable weight)	front	76	kg		rear	3.5×12	
	rear	157	kg	Tire Type	front	tubeless	
	total	233	kg		rear	tubeless	
<b>ENGINE</b>				Size	front	120/70-12 56J	
Type	4-stroke engine				rear	130/70-12 56J	
Cylinder Arrangement	single cylinder			Brake Type	front	disk, non-asbestos pad	
Bore × Stroke	φ 52.4× 57.8 mm				rear	drum, non-asbestos shoe	
Displacement	124.6 cm <sup>3</sup>			Diameter	front	φ 190	mm
Compression Ratio	10.4±0.2:1				rear	φ 130	mm
Carburettor	Type	PD24J		Swept area	front	25.12	cm <sup>2</sup>
	Throttle bore	φ 23 mm			rear	91.09	cm <sup>2</sup>
Valve Train	O.H.C.			Fuel Capacity	9 ℓ		
Tensioner	auto-tensioner			<b>DRIVE</b>			
Maximum Horsepower (crank shaft)	6.5	kw		Clutch			
Maximum Torque	7500	rpm		Transmission	C.V.T.		
Lubrication System	forced circulation & splashing			Primary Reduction	belt, 2.604~ 0.717		
	unlead gasoline			Gear Ratio	I	/	
Fuel Required					II		
Exhaust Emission	CO	< 2.0	g/km		III		
	HC	< 0.8	g/km		IV		
	Nox	< 0.15	g/km		V		
Noise Emission	< 77	dB			VI		
Reference and/or setting ranges	Inlet :0.12 mm			Final Reduction	10.153		
	Exhaust:0.12 mm			Gear Shift Pattern	/		
Engine Oil Capacity	First	950 cc		<b>ELECTRICAL</b>			
	Change	700 cc		Ignition System	Transistorized coil ignition		
Transmission Oil Capacity	First	110 cc		Starting System	kick & electrical starter		
	Change	100 cc		Alternator	80 W		
				Battery Capacity	12 V 6Ah		
				Speedometer Scale	0 ~140	km/h	
				Horn	80 ~ 112	dB	
				Fuse	10A×2		
				Spark Plug	CR7HSA		
				Headlight deep/main beam	12 V 35W / 35W	× 1	
<b>PERFORMANCE</b>				Position Lamps	12 V 5W	× 1	
Maximum Speed	85	km/h		Taillight / Stoplight	12 V 5W /21W	× 1	
Climbing Ability	28	deg		Turn Signal Light	front	12 V 10W	× 2
					rear	12 V 10W	× 2
				Reflex Reflector	rear	1	