

RACING 2021

EN

DATA SHEET	2 STROKE			4 STROKE			
	125 SE-R	250 SE-R	300 SE-R	250 SEF-R	300 SEF-R	450 SEF-R	500 SEF-R
Engine	2 stroke single cylinder with electronically controlled valves and booster			4 stroke DOHC, 4 valve SHERCO technology			
Displacement	124.81cc (15.21 cu in)	249.32cc (15.21 cu in)	293.14cc (17.89 cu in)	248.43cc (15.16 cu in)	303.68cc (18.53 cu in)	449.40cc (27.42 cu in)	478.22cc (29.18 cu in)
Bore and stroke	54 x 54.50 mm (2.61 x 2.83 in)	66.40 x 72 mm (2.61 x 2.83 in)	72 x 72 mm (2.83 x 2.83)	78 x 52.20 mm (3 x 2.16 in)	84 x 54.80 mm (3,31 x 2.16 in)	95 x 63.40mm (3.74 x 2.50 in)	98 x 63.40 mm (3.86 x 2.50 in)
Carburator	Keihin PWK 36			Synerject digital electronic fuel injection			
Cooling	Liquid system with forced circulation						
Starting	Electric starter						
Battery	12 V / 4Ah Yuasa						
Exhaust	Chromed-steel exhaust. Aluminium silencer	FMF with aluminium silencer		Inox pipe with catalytic aluminium silencer			
Transmission	6 speed sequential gearbox, primary gears and chain secondary						
Clutch	Hydraulic, multidisc in oil bath						
Ignition	A DC - CDI ignition with digital advance 220 W alternator			Alternator 220 W			
Chassis	High strength Chrome-Molybdenum steel semi-perimeter						
Fuel tank	10,4 L capacity (2.75 US gal)			9,7 L capacity (2.56 US gal)			
Brakes	Brembo hydraulic, Ø 260 mm (10.24 in) front - Ø 220 mm (8.66 in) rear						
Front suspension	WP EXPLOR fork, adjustment at top of fork (compression, rebound) Ø 48 mm tubes - 300 mm travel						
Rear suspension	WP monoshock adjustable for high and low speed compression and spring pre-load. Ø 18 mm - 330 mm (13 in) travel						
Front wheel	1.60 x 21" black Excel rim with Michelin Enduro Medium						
Rear wheel	2.15 x 18" black Excel rim with Michelin Enduro Medium						
Wheelbase	1465 mm	1480 mm (58.27 in)		1480 mm (58.27 in)		1490 mm (58.66 in)	
Ground clearance	355 mm (13.98 in)						
Seat base	950 mm (37.40 in)						



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