

4STROKE

990 ADVENTURE

990 ADVENTURE R

690 RALLY REPLICA



ENGINE

ENGINE TYPE	2-cylinder, 4-stroke, V 75°	2-cylinder, 4-stroke, V 75°	Single cylinder, 4-stroke
DISPLACEMENT	999 cc	999 cc	654 cc
BORE/STROKE	101/62.4 mm	101/62.4 mm	102/80 mm
POWER	78 kW @ 8.250 rpm	84,5 kW @ 8.750 rpm	n.s.
TORQUE	100 Nm @ 6.750 rpm	100 Nm @ 6.750 rpm	n.s.
COMPRESSION RATIO	11.5:1	11.5:1	11.8:1
STARTER/BATTERY	Electric starter/12V 11.2Ah	Electric starter/12V 11.2Ah	Electric starter/12V 8.6Ah
TRANSMISSION	6 gears	6 gears	6 gears
FUEL SYSTEM	Keihin Electronic fuel injection	Keihin Electronic fuel injection	Keihin FCR-MX 41
CONTROL	4 V/DOHC	4 V/DOHC	4 V/OHC with roller rocker levers
LUBRICATION	Pressure lubrication	Pressure lubrication	Pressure lubrication with 2 Eaton pumps
ENGINE OIL	Motorex, SAE 10W-50	Motorex, SAE 10W-50	Motorex, SAE 10W-60
PRIMARY DRIVE	35:67	35:67	36:79
FINAL DRIVE	16:42	16:42	16:44
COOLING	Liquid cooling	Liquid cooling	Liquid cooling
CLUTCH	Wet multi-disc clutch, hydraulically operated	Wet multi-disc clutch, hydraulically operated	Wet multi-disc clutch, hydraulically operated
ENGINE MANAGEMENT/IGNITION	Keihin EMS	Keihin EMS	Keihin DC ECU

CHASSIS

FRAME	Chromium-Molybdenum trellis frame, powder-coated	Chromium-Molybdenum trellis frame, powder-coated	Chromium-Molybdenum trellis frame, powder coated
SUBFRAME	Aluminium	Aluminium	Self-supporting plastic tank
HANDLEBAR	Aluminium, tapered, Ø 28/22 mm	Aluminium, tapered, Ø 28/22 mm	Aluminium, tapered, Ø 28/22 mm
FRONT SUSPENSION	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm
REAR SUSPENSION	"WP-PDS shock absorber with hydraulic spring pre-load"	"WP-PDS shock absorber with hydraulic spring pre-load"	WP-Monoshock with Pro-Lever linkage
SUSPENSION TRAVEL FRONT/REAR	210/210 mm	265/265 mm	300/310 mm
FRONT BRAKE	2 x Brembo two piston, floating caliper, floating brake disc Ø 300mm	2 x Brembo two piston, floating caliper, floating brake disc Ø 300mm	Brembo two-piston, floating caliper, brake disc Ø 300 mm
REAR BRAKE	Brembo two piston, floating caliper, floating brake disc Ø 240 mm	Brembo two piston, floating caliper, floating brake disc Ø 240 mm	Brembo single-piston, floating caliper, brake disc Ø 240 mm
ABS	Brembo two channel ABS (optional)	-	-
RIMS FRONT/REAR	2.15 x 21"; 4.25 x 18"	2.15 x 21"; 4.25 x 18"	Spoked wheels with aluminium rims 1.60 x 21"; 2.50 x 18"
TYRES FRONT/REAR	90/90-21"; 150/70 R 18"	90/90-21"; 150/70 R 18"	90/90-21"; 130/80-18"
CHAIN	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 1/4"
SILENCER	Twin stainless steel silencer with regulated catalytic converter	Twin stainless steel silencer with regulated catalytic converter	Twin stainless steel silencer
STEERING HEAD ANGLE	63.4°	63.4°	62.5°
TRAIL	119 mm	119 mm	120 mm
WHEEL BASE	1,570 ± 10 mm	1,570 ± 10 mm	1,535 ± 15 mm
GROUND CLEARANCE	261 mm	316 mm	320 mm
SEAT HEIGHT	860 mm	915 mm	980 mm
TANK CAPACITY	approx. 19.5 litres/4 litres reserve	approx. 19.5 litres/4 litres reserve	approx. 36 litres
DRY WEIGHT	approx. 209 kg (without fuel)	approx. 207 kg (without fuel)	approx. 162 kg (without fuel)