READY TO RACE

2027

TECHNICAL INFORMATION

KTM 450 SX-F FACTORY EDITION



POWERPACK	
ENGINE TYPE	Single cylinder, 4-stroke
DISPLACEMENT	449.9 ccm
BORE / STROKE	95/63.4 mm
COMPRESSION RATIO	14.0:1
STARTER / BATTERY	Electric starter/Lithium Ion 12.8V 2Ah
TRANSMISSION	5 gears
FUEL SYSTEM	Keihin EFI, throttle body 44 mm
CONTROL	4 V / SOHC with rocker levers
LUBRICATION	Pressure lubrication with 2 oil pumps
GEAR RATIOS	14:28 16:26 18:25 21:24 22:21
PRIMARY RATIO	29:72
FINAL DRIVE	13:49
COOLING	Liquid cooling
CLUTCH	Wet multi-disc DS clutch, Brembo hydraulics
IGNITION / ENGINE MANAGEMENT	Vitesco M4C

CHASSIS & SUSPENSION	
FRAME	Central double-cradle-type 25CrMo4
SUBFRAME	Aluminium
HANDLEBAR	Aluminum Ø 28/22 mm, NEKEN
RIMS FRONT/REAR	1.60 x 21“ / 2.15 x 19“, Excel
TIRES FRONT/REAR	80/100 - 21“ / 120/90-19“ DUNLOP MX34
BRAKES FRONT/REAR	Disc brake Ø 260/220 mm, Brembo
CHAIN	520, Non-sealed
SILENCER	Stainless Steel
STEERING HEAD ANGLE	63.9°
TRIPLE CLAMP OFFSET	22 mm
FRONT SUSPENSION	WP XACT-USD Closed Cartridge Spring Fork , Ø 48 mm
FRONT SUSPENSION ADJUSTABILITY	Compression / rebound
SUSPENSION TRAVEL FRONT	312.5 mm
REAR SUSPENSION	WP XACT Monoshock with linkage
REAR SUSPENSION ADJUSTABILITY	Preload / compression (high and low speed) / rebound
SUSPENSION TRAVEL REAR	317 mm

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DIMENSIONS	
SEAT HEIGHT	955 ± 5 mm
WHEEL BASE	1,498 ± 10 mm
GROUND CLEARANCE	340 mm
TANK CAPACITY	7.3 liters
COMPETITION WEIGHT (WITHOUT FUEL)	105.6 kg

STANDARD ELECTRONICS
STANDARD MAP
AGRESSIVE MAP
TRACTION CONTROL
QUICKSHIFTER
LAUNCH CONTROL