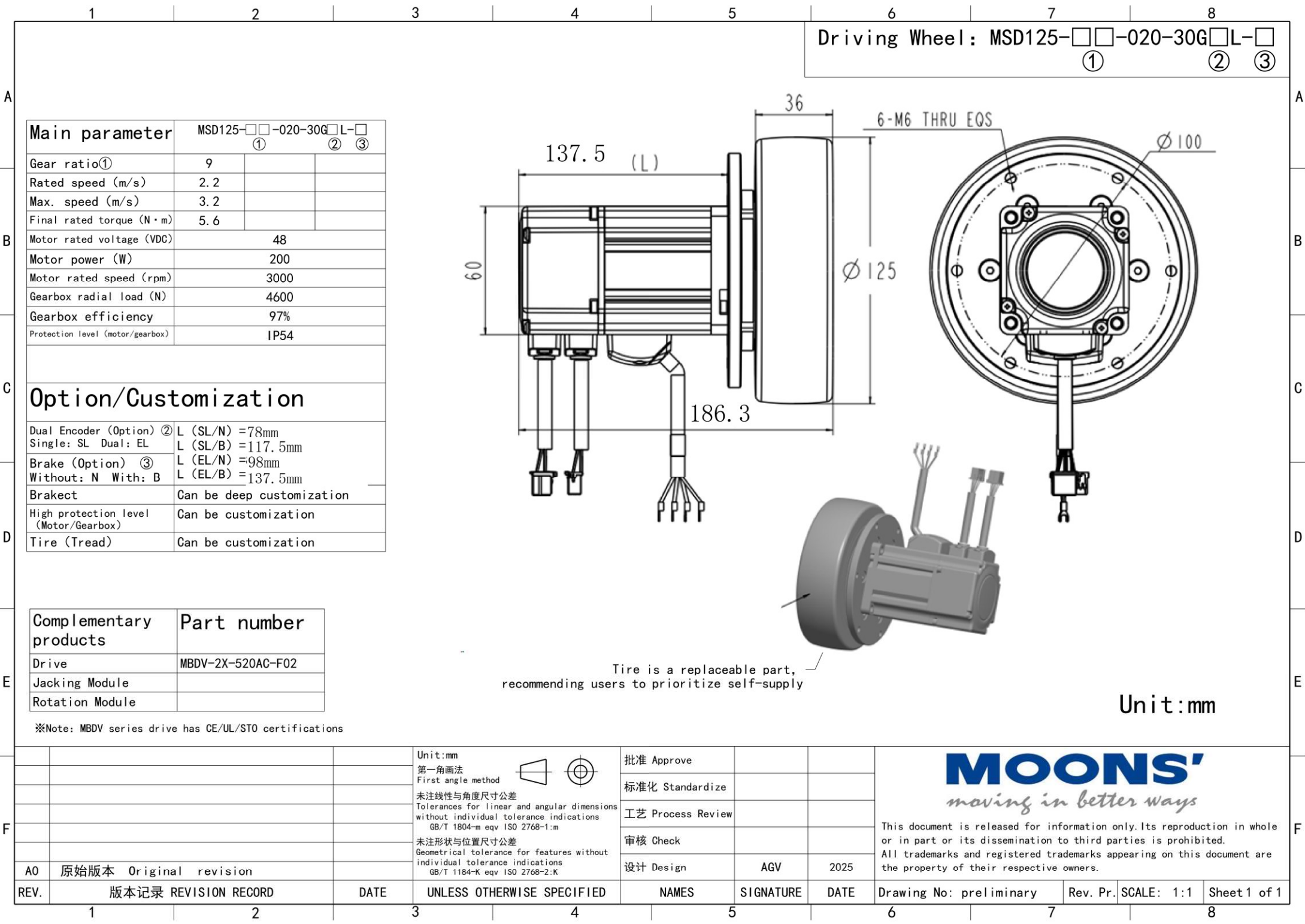




Main parameter	MSD125-□□-020-30G□L-□		
	①	②	③
Gear ratio①	9		
Rated speed (m/s)	2.2		
Max. speed (m/s)	3.2		
Final rated torque (N·m)	5.6		
Motor rated voltage (VDC)	48		
Motor power (W)	200		
Motor rated speed (rpm)	3000		
Gearbox radial load (N)	4600		
Gearbox efficiency	97%		
Protection level (motor/gearbox)	IP54		

Option/Customization

Dual Encoder (Option) ②	L (SL/N) =78mm
Single: SL Dual: EL	L (SL/B) =117.5mm
Brake (Option) ③	L (EL/N) =98mm
Without: N With: B	L (EL/B) =137.5mm
Brakect	Can be deep customization
High protection level (Motor/Gearbox)	Can be customization
Tire (Tread)	Can be customization

Complementary products	Part number
Drive	MBDV-2X-520AC-F02
Jacking Module	
Rotation Module	

※Note: MBDV series drive has CE/UL/STO certifications

Unit:mm
第一角画法
First angle method
未注线性与角度尺寸公差
Tolerances for linear and angular dimensions without individual tolerance indications
GB/T 1804-m eqv ISO 2768-1:m
未注形状与位置尺寸公差
Geometrical tolerance for features without individual tolerance indications
GB/T 1184-K eqv ISO 2768-2:K

批准 Approve		
标准化 Standardize		
工艺 Process Review		
审核 Check		
设计 Design	AGV	2025

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