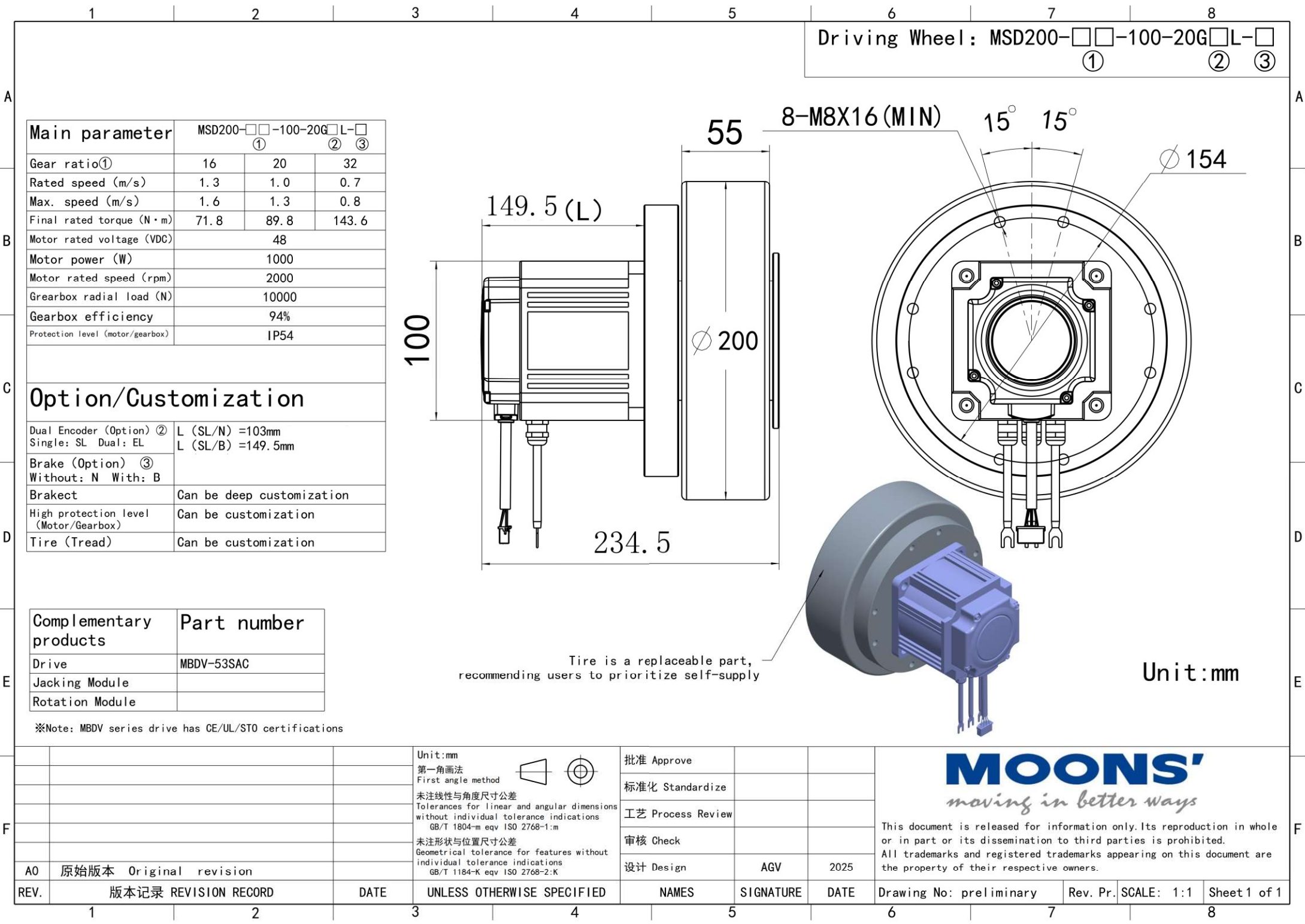




Driving Wheel: MSD200-□□-100-20G□L-□
① ② ③

Main parameter	MSD200-□□-100-20G□L-□ ① ② ③		
Gear ratio①	16	20	32
Rated speed (m/s)	1.3	1.0	0.7
Max. speed (m/s)	1.6	1.3	0.8
Final rated torque (N·m)	71.8	89.8	143.6
Motor rated voltage (VDC)	48		
Motor power (W)	1000		
Motor rated speed (rpm)	2000		
Gearbox radial load (N)	10000		
Gearbox efficiency	94%		
Protection level (motor/gearbox)	IP54		

Option/Customization

Dual Encoder (Option) ②	L (SL/N) =103mm
Single: SL Dual: EL	L (SL/B) =149.5mm
Brake (Option) ③	
Without: N With: B	
Brakect	Can be deep customization
High protection level (Motor/Gearbox)	Can be customization
Tire (Tread)	Can be customization

Complementary products	Part number
Drive	MBDV-53SAC
Jacking Module	
Rotation Module	

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

			Unit:mm 第一角画法 First angle method		批准 Approve		MOONS' <i>moving in better ways</i> This document is released for information only.Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners.	
			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		标准化 Standardize			
			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		工艺 Process Review			
					审核 Check			
A0	原始版本 Original revision				设计 Design	AGV	2025	
REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Drawing No: preliminary	Rev. Pr. SCALE: 1:1 Sheet 1 of 1