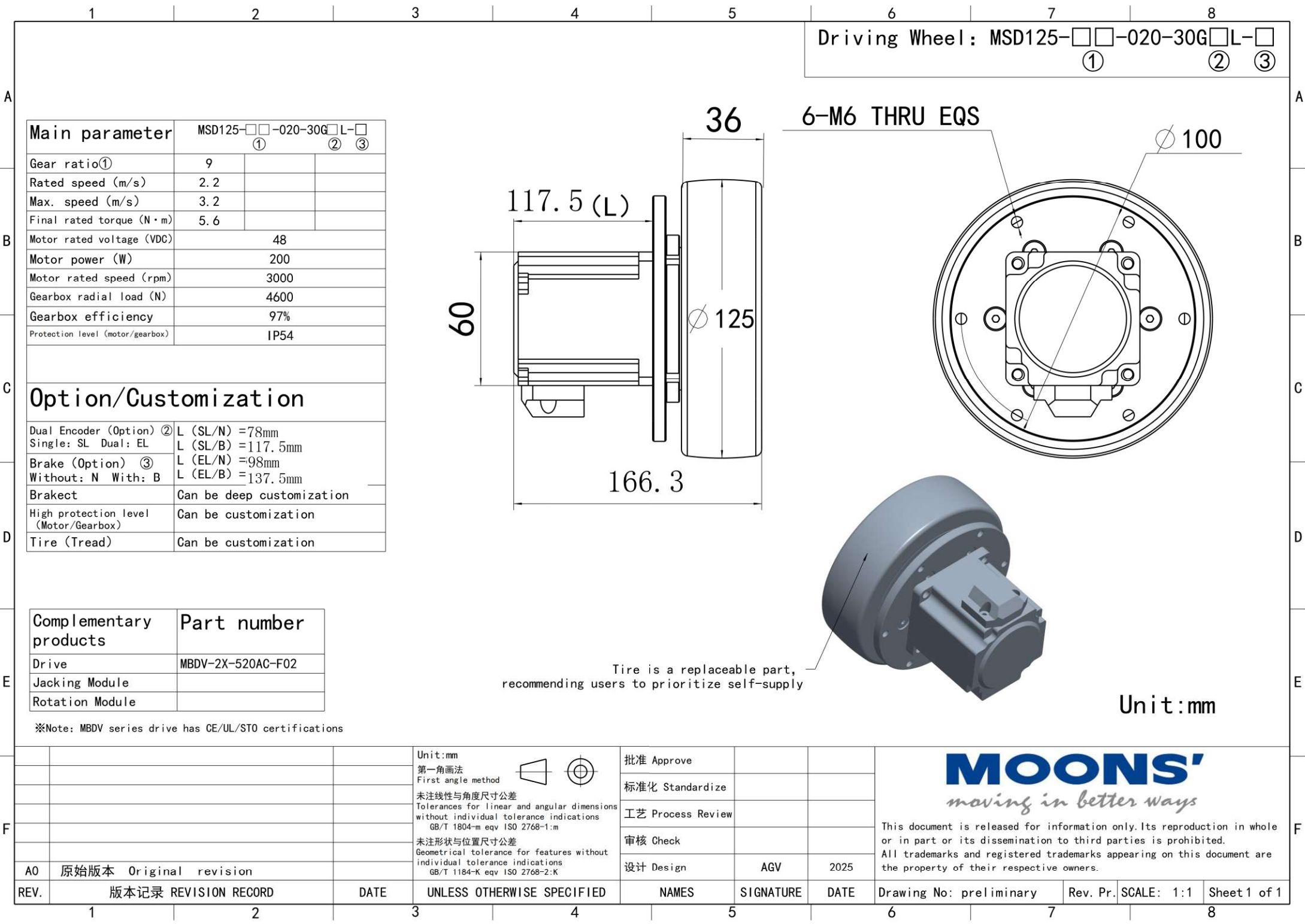


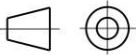


|                                       |                              |  |  |
|---------------------------------------|------------------------------|--|--|
| Main parameter                        | MSD125-□□-020-30G□L-□<br>①②③ |  |  |
| Gear ratio①                           | 9                            |  |  |
| 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            |  |  |
| Brakeect                              | 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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