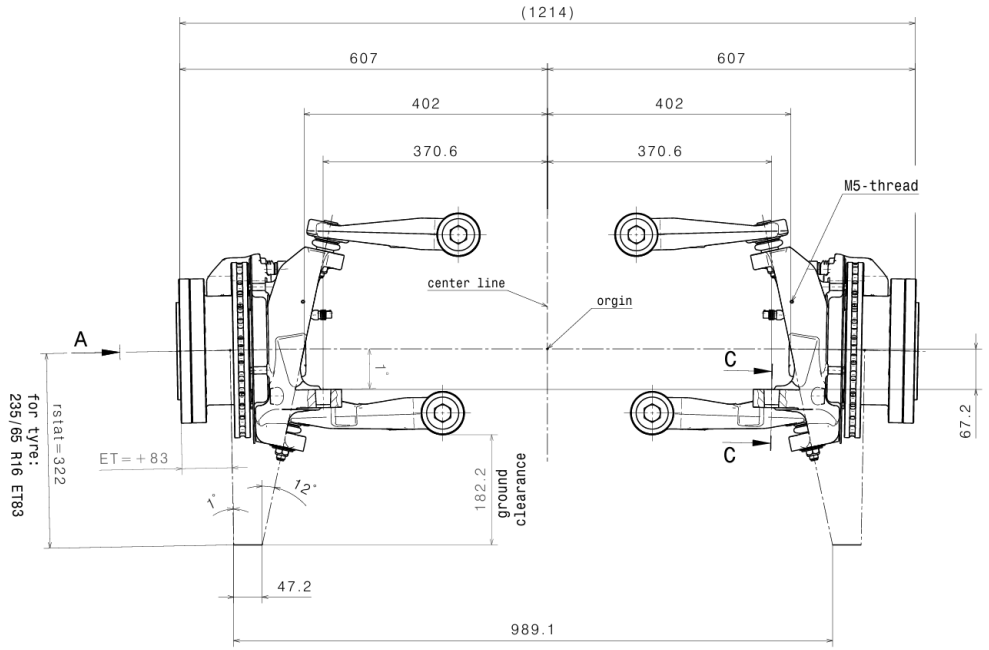
# Independent steering axle 2,7t

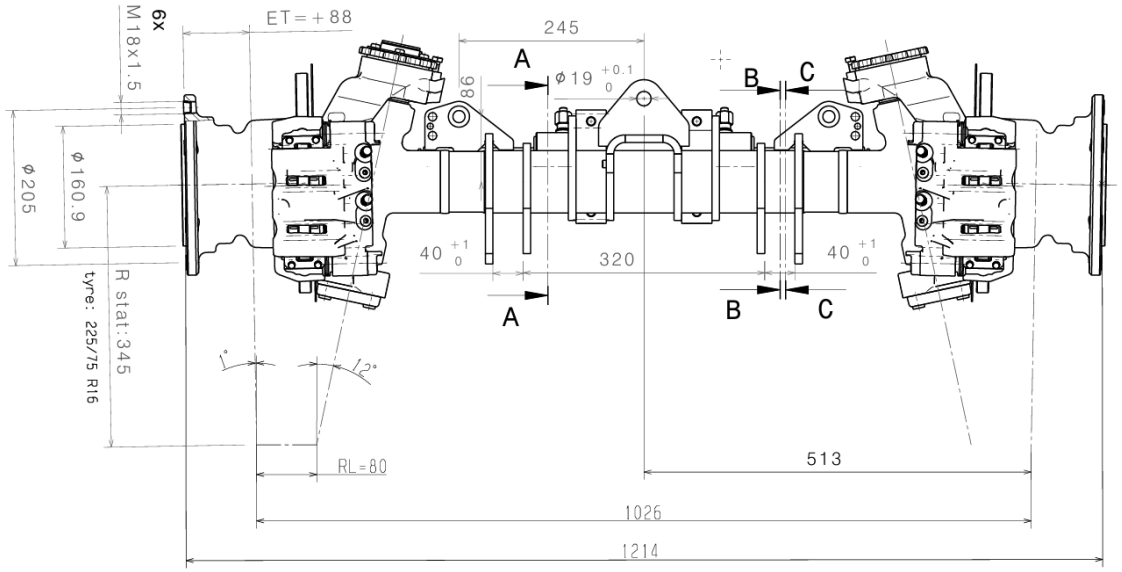



**Independent-wheel-suspension steering axle for compact municipal vehicles**
With a defined flange distance of 1,214 mm and a maximum permissible speed of up to 62 km/h, CLAAS Industrietechnik supplies an extremely comfortable steering axle for municipal vehicles which is equipped with a steering cylinder.

| General axis parameters | |
|---|---|
| Weight | 135 kg |
| max.permissible axle load | 2.700 kg |
| Max. speed | 62 km/h |
| Max. Steering angle | 38° |
| Toe-in | 2,0 mm |
| Fall | 1° |
| Spread | 12° |
| Caster | 5° |

| Technical data | |
|---|---|
| Wheel braking torque with $p_{b, max}$ | $M_{Rad}$ = 3.806 Nm |
| Permissible deflection of the axle | $z_{max}$ = + 50,0 mm |
| | $z_{min}$ = - 50,0 mm |
| max. brake pressure | $p_{b, max}$ = 125 bar |
| max. steering pressure | $p_{l, max}$ = 150 bar |

# Steering axle for municipal vehicles 2,45t

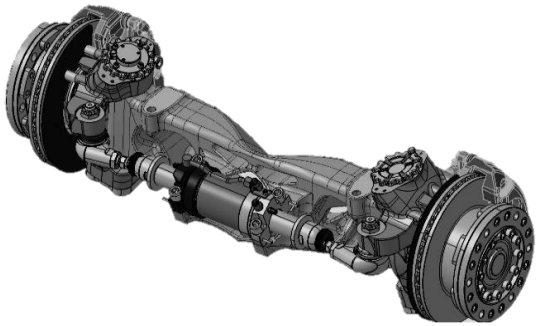



**Steering axle for compact municipal vehicles**
With a defined flange distance of 1,214 mm and a maximum permissible speed of up to 60 km/h, CLAAS Industrietechnik supplies a robust steering axle with a custom-welded axle beam for municipal vehicles.The axle is equipped with a steering cylinder, steering angle sensor, brake discs and hydraulic brake calipers.

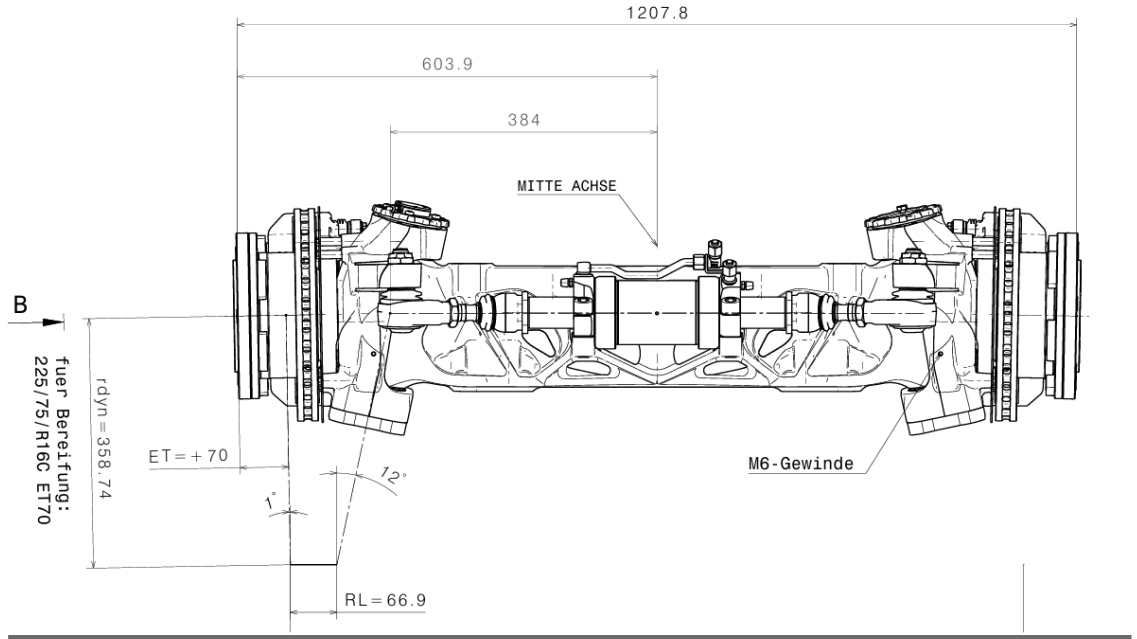
| General axis parameters | |
|---|---|
| Weight | 140 kg |
| max.permissible axle load | 2.300 kg |
| Max. speed | 60 km/h |
| Max. Steering angle | 38° |

| Technical data | |
|---|---|
| Wheel braking torque with $p_{b, max}$ | $M_{Rad}$ = 3.000 Nm |
| max. brake pressure | $p_{b, max}$ = 100 bar |

# Steering axle for municipal vehicle 3,2t



**Steering axle for compact municipal vehicles**
With a defined flange distance of 1,207.8 mm and a maximum permissible speed of up to 62 km/h, CLAAS Industrietechnik supplies a robust weight-optimized steering axle for municipal vehicles. The axle is equipped with a steering cylinder, steering angle sensor, internally ventilated brake discs and hydraulic brake calipers.




| General axis parameters | |
|---|---|
| Weight | 189 kg |
| max.permissible axle load | 3.200 kg |
| Max. speed | 62 km/h |
| Max. Steering angle | 35,77° |
| Toe-in | 2,0 mm |
| Fall | 1° |
| Spread | 12° |
| Caster | 5° |

| Technical data | |
|---|---|
| Wheel braking torque with $p_{b, max}$ | $M_{Rad}$ = 35.265 Nm |
| max. brake pressure | $p_{b, max}$ = 125 bar |
| max. steering pressure | $p_{l, max}$ = 150 bar |