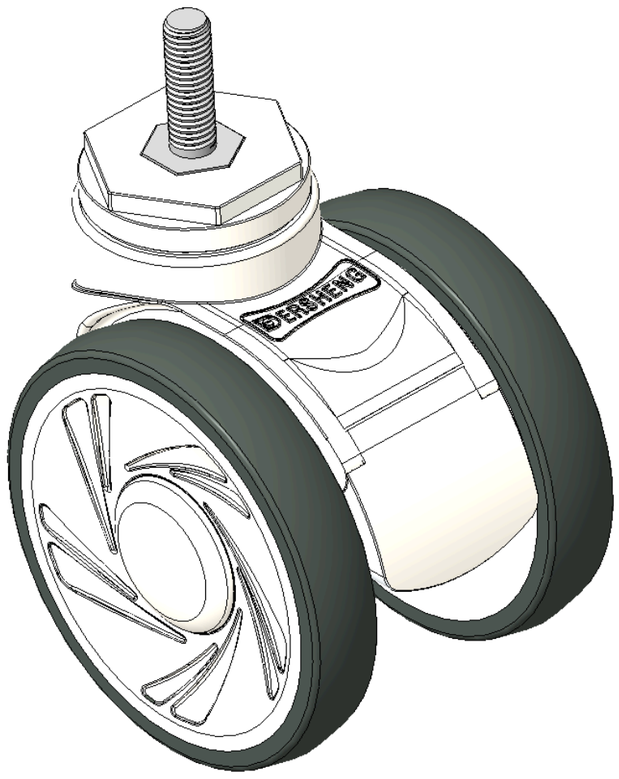
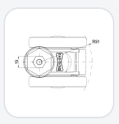


Picture may differ from original product





1146 46 Ascendant Series Caster Series(All Plastic)

Double-Ball Full-Effect Wheel (White-Dark Gray) Wheel Diameter × Wheel Width 100 × 18mm

KS-11460400455223 Copy model no.

Wheel Diameter	Load Capacity (Dynamic)	Overall Height	Wheel Bearing
100mm	**100kgs**	**120mm**	**Wheels With Ball Bearings**

- Adjustable Casters, Threaded Stem M12x25
- White Casters made of polypropylene reinforced material
- Rust-proof, Corrosion resistant, Attractive appearance, Economical, and allows for smooth rotation
- High-Quality Impact-Resistant Polypropylene Wheel Center, High-Quality Reinforced Polypropylene Rubber (TPR) Wheel Tread
- Dark gray, Bearing—Ball Bearings
- Wheel tread: Thermoplastic rubber elastomer (TPR)
- Wheel Center: Made of high-quality impact-resistant polypropylene

Product descriptions are for reference only. The actual product shall prevail.

Product Data Sheet (Metric) | 3D Drawing Request

3D drawings are for members only. Please log in to download.

Product Data Sheet

Metric | Imperial

Wheel Diameter	**100mm**	Wheel Width	**85mm**
Wheel Bearing	**Wheels With Ball Bearings**	Threaded Stem	**M12×P1.75**
Threaded Length	**25mm**	Offset	**32mm**
Swivel Interference	**182mm**	Overall Height	**120mm**
Swivel Radius	**91mm**	Hardness Of Tread	**72±5° Shore A**
Load Capacity (Dynamic)	**100kgs**	Load Capacity (Static)	**150kgs**
Temperature	**-20°C to +60°C**	Fork Type	**Swivel Caster**
Stainless	**N/A**	Electrical Conductivity	**N/A**
Anti-Static	**N/A**	Weight	**0.64kgs**
Standard	**ISO22881**		

* For any deviation between metric and imperial spec, please refer to the metric spec.

Performance

Rolling Smoothness
Max. 5 points Score: 5

Quiet Operation
Max. 5 points Score: 5

Floor Surface Preservation
Max. 5 points Score: 5

Applications

Ideal for indoor equipment and carts that are moved often and need quiet rolling and stable positioning.

- **Food Factories & Food Service:** Central kitchens, bakery areas, food prep areas, worktable carts, food carts and ingredient carts.
- **Laboratories & Cleanrooms:** Precision instruments, testing equipment, lab carts and mobile workbenches.
- **Medical & Healthcare Settings:** Medical carts, meal delivery carts, care equipment and instrument stands in hospitals, clinics and long-term care facilities.
- **Commercial, Retail & Office Spaces:** Display racks, commercial carts, mobile storage units, office furniture and service equipment.

Compatible Equipment

Can be fitted to all kinds of equipment and carriers that need to move, turn or be positioned.

- **Medical & Care Carts:** Medical carts, treatment carts, meal delivery carts and care equipment.

Downloads

PDF **1146-EN-KS2026110305.pdf**
Product Data Sheet (Metric)

3D **1146-CN-KS2026110305-d261103105157.rar**
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