


WHERE STRENGTH MEETS VALUE

# i3 Series (Elite)

 130 - 250 kg

 105 - 156 mm

 80 - 125 mm





## Designed, tested and proven—for almost 141 years.

Since 1885, Colson's quality lines of casters and wheels have defined the castor industry.

Leading warranties and continuous innovations, including the unrivaled Performa wheel, have established Colson as one of the most trusted castor brands in the world today. At Colson, we strive to protect and strengthen our legacy of trust and innovation in everything we do. Colson offers **thousands of different standard caster models, plus the expertise and technology to provide a custom solution for any castor application.** Contact us today, and put our experts to work for you in specifying the perfect Colson castor!

### THE GLOBAL LEADER IN CASTORS AND WHEELS

- The global leader in castors and most complete product offering in the world
- One-stop shopping for any application and budget
- The most experienced engineering, sales, manufacturing, and quality teams
- Local service worldwide, ready for any business needs

Download

**3D CAD Models!**

[www.ColsongroupAPAC.com](http://www.ColsongroupAPAC.com)



APP STORE

Search: "Caster CAD 3D"



National Sanitation Foundation for Food Service



Consult factory for accreditation and affiliated organization requirements on a part-specific basis.





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### Ergonomic

Threaded axles allow for effortless wheel change.



### Painted surface

Zinc plated finish.



### Double ball swivel raceways

Ensuring particularly high stability.



### Low vibration transport

With good shock-absorbing properties.



### Quiet rolling

Wheel types for a quiet working environment.



### Low maintenance

Twin thread guards provide outstanding safety and reliability.



### Protected seal

wheels with sealed bearings to protect against water spray and dirt.



### Thick frame construction

Built for panels with reinforced, thick frames.



### Load capacity

The load capacity depends on the housing and wheels.

Each has been tested and fulfill the requirements

according to **EN 12532**.

# FITTING

## DESIGNED FOR STRENGTH AND STABILITY

Designed to provide a secure and reliable installation on panels with thick frame construction, ensuring stability and long-term performance.

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Consult factory for RoHS, NSF, REACH requirements on a part specific basis.



PLATE FITTINGS



**Total Lock**  
Reliable integrated braking system.

### TECHNICAL DATA

80mm, 100mm, 125mm

Fitting option	Fixed plate (mm)	Swivel plate (mm)
Standard dimension	86×105	86×105
Plate hole centres	60×77 / 60×80	60×77 / 60×80

# WHEELS

## FLEXIBLE SOLUTIONS FOR EVERY APPLICATION

Engineered for versatility and performance, Elite wheels are precisely designed to meet demanding requirements, ensuring optimal performance and reliability in every use.

80mm, 100mm, 125mm



Rubber



Nylon



Hi-Tech Polyurethane



Sandwich



# Wheel Selection

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## Green Rubber Wheels



**Hardness:**  
70(±5) Durometer Shore A scale.

Capacity up to 200 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	130	42	8	Single Ball Bearing	KL7K080
100	32	170	51	10	Single Ball Bearing	KL7K100
125	40	200	51	10	Single Ball Bearing	KL7K125

## White Nylon Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	NL9K080
100	35	230	51	10	Single Ball Bearing	NL9K100
125	35	250	51	10	Single Ball Bearing	NL9K125

## Hi-Tech Polyurethane Wheels



**Hardness:**  
95(±5) Durometer Shore A scale.

Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	UL8K080
100	35	230	51	10	Single Ball Bearing	UL8K100
125	35	250	51	10	Single Ball Bearing	UL8K125

## Sandwich Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	35	200	51	10	Single Ball Bearing	LY1K100
125	35	250	51	10	Single Ball Bearing	LY1K125

# Medium Duty Castor

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## TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
80	32	130	Green Rubber	I33AZ-KL7K080	I32AZ-KL7K080	I32TZ-KL7K080	105	34	74/123
100	32	170	Green Rubber	I33AZ-KL7K100	I32AZ-KL7K100	I32TZ-KL7K100	128	34	78/133
125	40	200	Green Rubber	I33AZ-KL7K125	I32AZ-KL7K125	I32TZ-KL7K125	156	38	90/133



80	35	150	White Nylon	I33AZ-NL9K080	I32AZ-NL9K080	I32TZ-KL7K080	105	34	74/123
100	35	230	White Nylon	I33AZ-NL9K100	I32AZ-NL9K100	I32TZ-KL7K100	128	34	78/133
125	35	250	White Nylon	I33AZ-NL9K125	I32AZ-NL9K125	I32TZ-KL7K125	156	38	90/133



80	35	150	Hi-Tech Polyurethane	I33AZ-UL8K080	I32AZ-UL8K080	I32TZ-UL8K080	105	34	74/123
100	35	230	Hi-Tech Polyurethane	I33AZ-UL8K100	I32AZ-UL8K100	I32TZ-UL8K100	128	34	78/133
125	35	250	Hi-Tech Polyurethane	I33AZ-UL8K125	I32AZ-UL8K125	I32TZ-UL8K125	156	38	90/133



100	35	200	Sandwich	I33AZ-LY1K100	I32AZ-LY1K100	I32TZ-LY1K100	128	34	78/133
125	35	250	Sandwich	I33AZ-LY1K125	I32AZ-LY1K125	I32TZ-LY1K125	156	38	90/133



# APPLICATIONS

**VERSATILE. RELIABLE. AFFORDABLE.**



Road Cases



Utility Carts



Dollies



Sensitive Equipment



Display Units



Food Service Carts



**42**

42 facilities

**14**

14 countries

**192K**

192k castors shipped daily.

## A PARTNER YOU CAN RELY ON



### Dependable Supply

With 42 facilities in 14 countries around the world, Colson Group has the robust supply chain to be able to meet your needs.



### ROHS Compliant

Our products are manufactured without harmful or hazardous materials to protect the public health and the environment.



### Proven Performance

Products are manufactured in controlled environments. We have systems and procedures in place to ensure our high standards are maintained.