



WHERE ECONOMY MEETS QUALITY

Veloris Series

TOP PLATE CASTER & BOLT HOLE CASTER



www.colsonchina.com
marketing@colsonchina.com

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

MANUFACTURING



With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary castor product series to provide customers with the highest quality products and services.

ENGINEERING



Utilising the latest technologies, Colson Group design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE



Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right castor from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY



As an active ICWM member, we help define industry testing standards (ISO9001:2015 ANSI ICWM: 2012, EN12532). Leading test labs and global quality systems confirm our castors meet stringent quality standards, allowing up to a 3-year standard warranty on select series.



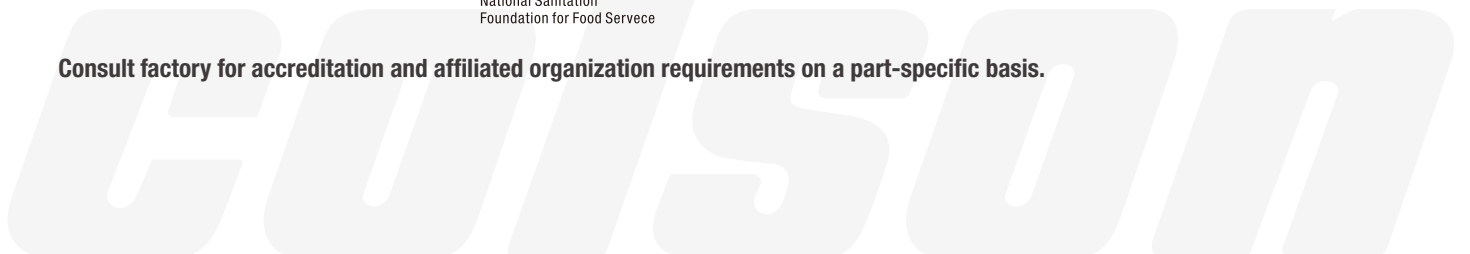
ACCREDITATION AND AFFILIATES



National Sanitation
Foundation for Food Service



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





WHERE ECONOMY MEETS QUALITY

Veloris Series

 80 - 400 kg

 105 - 235 mm

 80 - 200 mm



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.



Load capacity

The load capacity depends on the housing and wheels.

Each has been tested and fulfill the requirements according to **EN 12532**.



FITTINGS

DESIGNED TO FIT EVERY APPLICATION

Castor fitting depends on the application and mounting needs. Two fitting types are available—plate fitting and bolt hole fitting. Both offering secure installation and reliable performance.



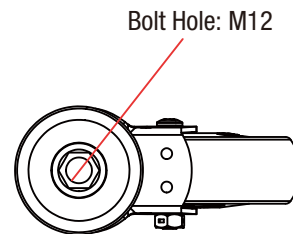
PLATE FITTINGS



Total Lock
Reliable integrated braking system.



BOLT HOLE FITTINGS



TECHNICAL DATA

80mm, 100mm, 125mm

Fitting option	Fixed plate (mm)	Swivel plate (mm)
Standard dimension	85×104	85×104
Plate hole centres	58×78 / 62×82	58×78 / 62×82

160mm, 200mm

Fitting option	Fixed plate (mm)	Swivel plate (mm)
Standard dimension	110×135	110×135
Plate hole centres	75×100 / 85×110	75×100 / 85×110



WHEELS

FLEXIBLE SOLUTIONS FOR EVERY APPLICATION

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

80mm, 100mm, 125mm



Hi-Tech
Performa TPR



Hi-Tech
Polyurethane



Rubber



Nylon

160mm, 200mm



Hi-Tech
Performa TPR



Hi-Tech
Polyurethane



Polyurethane on
Aluminium



Nylon

Wheel Selection

www.colsongroupAPAC.com

Hi-Tech Performa TPR Wheels (Grey)



Hardness:
65(±5) Durometer Shore A scale.

Capacity up to 180 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	80	8	Single Ball Bearing	71-778
100	32	150	8	Single Ball Bearing	71-779
125	40	180	8	Single Ball Bearing	713-445



Hardness:
65(±5) Durometer Shore A scale.

Capacity up to 280 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	225	13	Double Ball Bearing	713-446
200	50	280	13	Double Ball Bearing	713-447

Hi-Tech Polyurethane Wheels



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

Capacity up to 300 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	8	Single Ball Bearing	711-613
100	35	230	8	Single Ball Bearing	711-614
125	35	300	8	Single Ball Bearing	711-615



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

Capacity up to 350 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	300	13	Double Ball Bearing	711-456
200	50	350	13	Double Ball Bearing	711-457

Blue Elastic Rubber Wheels



Hardness:
75(±5) Durometer Shore A scale.

Capacity up to 180 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	90	8	Single Ball Bearing	714-004
100	32	140	8	Single Ball Bearing	714-005
125	40	180	8	Single Ball Bearing	714-006

Wheel Selection

www.colsongroupAPAC.com

Nylon Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	8	Single Ball Bearing	712-603
100	35	230	8	Single Ball Bearing	712-604
125	35	250	8	Single Ball Bearing	712-605



Capacity up to 400 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	48	400	13	Roller Bearing	712-446
200	50	400	13	Roller Bearing	712-447

Polyurethane on Aluminium Wheels



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

Capacity up to 700 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	550	13	Double Ball Bearing	71-906
200	50	700	13	Double Ball Bearing	71-908

Hi-Tech
Performa TPR



Hi-Tech
Performa TPR



Hi-Tech
Polyurethane



Hi-Tech
Polyurethane



Rubber



Nylon



Nylon



Polyurethane on
Aluminium



Medium Duty Castor

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)
160	50	225	Hi-Tech Performa TPR	Z812-160-302	Z811-160-302	Z811-160-302Q	195	53	133/167
200	50	280	Hi-Tech Performa TPR	Z812-200-302	Z811-200-302	Z811-200-302Q	235	53	153/167



160	50	300	Hi-Tech Polyurethane	Z812-160-152	Z811-160-152	Z811-160-152Q	195	53	133/167
200	50	350	Hi-Tech Polyurethane	Z812-200-152	Z811-200-152	Z811-200-152Q	235	53	153/167



160	48	400	White Nylon	Z812-160-503	Z811-160-503	Z811-160-503Q	195	53	133/167
200	50	400	White Nylon	Z812-200-503	Z811-200-503	Z811-200-503Q	235	53	153/167



160	50	400	Polyurethane on Aluminium	Z812-160-162	Z811-160-162	Z811-160-162Q	195	53	133/167
200	50	400	Polyurethane on Aluminium	Z812-200-162	Z811-200-162	Z811-200-162Q	235	53	153/167

TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
160	50	225	Hi-Tech Performa TPR	Z814-160-302	Z814-160-302Q	195	53	133/167	M12
200	50	280	Hi-Tech Performa TPR	Z814-200-302	Z814-200-302Q	235	53	133/167	M12



160	50	300	Hi-Tech Polyurethane	Z814-160-152	Z814-160-152Q	195	53	133/167	M12
200	50	350	Hi-Tech Polyurethane	Z814-200-152	Z814-200-152Q	235	53	133/167	M12



160	48	400	White Nylon	Z814-160-503	Z814-160-503Q	195	53	133/167	M12
200	50	400	White Nylon	Z814-200-503	Z814-200-503Q	235	53	133/167	M12



160	50	400	Polyurethane on Aluminium	Z814-160-162	Z814-160-162Q	195	53	133/167	M12
200	50	400	Polyurethane on Aluminium	Z814-200-162	Z814-200-162Q	235	53	133/167	M12



APPLICATIONS

VERSATILE. RELIABLE. AFFORDABLE.



Road Cases



Utility Carts



Dollies



Sensitive Equipment



Display Units



Food Service Carts

COLSON®

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.

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marketing@colsonchina.com