

COMMANDO

KINGPINLESS CASTERS

DARCOR KEEPS THE AUTOMOTIVE INDUSTRY ROLLING

Introducing the Commando, designed and crafted specifically to meet the precision demands of the automotive industry. The Commando, the newest addition to Darcor's line of automotive products, will deliver superior design, ergonomics, and most importantly high performance to keep your business rolling smoothly. Darcor is the trusted caster partner that four of the five largest automotive companies in the world have chosen to meet their mobility needs.

How has the Commando Helped the Automotive Industry?

> **Reduced Employee Health & Safety Expenses:**

Protect your workers from overexertion injuries. Fitted with Darcor's SE, the industry's easiest rolling wheel, the Commando reduces starting force, lowers rolling resistance and swiveling force, greater than any comparable caster.

> **Reduced Manufacturing Downtime:**

The Commando is designed with strength, reliability and endurance in mind, which will minimize your maintenance and downtime expenses related to caster failure.



“We currently use Darcor almost exclusively due to past trials with other casters that did not work out to our expectations.”

Logistics Manager – Canadian Automotive Company

COMMANDO 6" & 8"

CAPACITY: 500-1300 LBS PER CASTER

WHEEL DIAMETER	TREAD WIDTH	LOAD CAP./LBS	BEARING TYPE	SWIVEL MODEL	RIGID MODEL**	SWIVEL RADIUS	OVERALL HEIGHT
(D) NEOPRENE: NON MARKING AND NON STAINING – USED ON ANY FLOOR SURFACE – ERGO*							
6"	2"	500	ROLLER	31-KP406-TD	31-406R-TD	5-5/8"	7-11/16"
6"	2"	600	PRECISION BALL	31-KP406-PD	31-406R-PD	5-5/8"	7-11/16"
8"	2"	500	ROLLER	31-KP408-TD	31-408R-TD	6-5/8"	9-3/4"
8"	2"	600	PRECISION BALL	31-KP408-PD	31-408R-PD	6-5/8"	9-3/4"
(LE) LOW-EFFORT: PROPRIETARY WHEEL MATERIAL – OUTPERFORMS CONVENTIONAL URETHANES – ERGO*							
6"	2"	700	PRECISION BALL	31-KP406-PLE	31-406R-PLE	5-5/8"	7-11/16"
8"	2"	800	PRECISION BALL	31-KP408-PLE	31-408R-PLE	6-5/8"	9-3/4"
(U) URETHANES: FOR HEAVY LOADS AND ROUGH FLOOR CONDITIONS – ERGO*							
6"	1-7/8"	1000	ROLLER	31-KP406-TU	31-406R-TU	5-5/8"	7-11/16"
8"	1-7/8"	1000	ROLLER	31-KP408-TU	31-408R-TU	6-5/8"	9-3/4"
(CI) SEMI-STEEL: CROWNED SEMI – STEEL CASTING							
6"	1-7/8"	1000	ROLLER	31-KP406-TCI	31-406R-TCI	5-5/8"	7-11/16"
8"	1-7/8"	1000	ROLLER	31-KP408-TCI	31-408R-TCI	6-5/8"	9-3/4"
(SE) SOLID ELASTOMER: VERY LOW STARTING AND ROLLING RESISTANCE – ERGO*							
6"	2"	1100	PRECISION BALL	31-KP406-PSE	31-406R-PSE	5-5/8"	7-11/16"
8"	2"	1200	PRECISION BALL	31-KP408-PSE	31-408R-PSE	6-5/8"	9-3/4"
(SX) SOLID ELASTOMER: EXTREMELY LOW STARTING, ROLLING AND SWIVELLING RESISTANCE AT HIGHER LOADS – ERGO*							
6"	2"	1200	PRECISION BALL	31-KP406-PSX	31-406R-PSX	5-5/8"	7-11/16"
8"	2"	1300	PRECISION BALL	31-KP408-PSX	31-408R-PSX	6-5/8"	9-3/4"

* Ergonomically designed for easy rolling.

** Rigid model comes standard with zinc finish, black zinc finish optional.



Neoprene (D)



Low-Effort Wheel (LE)



Urethane (U)



Semi-Steel (CI)



Solid Elastomer (SE)



Solid Elastomer (SX)

Where Should You Use the Commando:

- > Towlines
- > Automotive Facilities
- > Heavy Duty and High Impact Applications
- > Industrial and Automotive Fabricators
- > Continuous Use Applications

Key Benefits

- > Ergonomically designed
- > Heavy duty construction
- > High tolerance for shock and impact loading
- > Lowest starting force in the industry*
- > Lowest rolling resistance in the industry*
- > Lowest swiveling force in the industry*
- > Ideal for noise reduction

Why Darcor?

For over 70 years Darcor has been the leading authority on providing custom and unique caster solutions to companies around the world. Darcor is dedicated to providing high performance casters and wheels, superior service and expert technical support in an effort to improve our clients business results.

Whether you are trying to reduce health & safety, manufacturing downtime or maintenance expenses, Commando is the solution for your business.

* Tested using Darcor's SE™ wheel under a single load of 2000 lbs.

FAQ'S

What is the benefit of a 2½" offset?

- > The offset reduces swiveling forces required
- > Reduces towline "chatter/vibration", ideal for noise reduction

What makes the Kingpinless better than our standard 400 series?

- > Designed to substantially reduce push/pull forces
- > Reduces swiveling force by 30%
- > Higher tolerance to shock and impact loading
- > Heavy-duty construction, precision machined swivel head, forged top plate and heavy-duty stamped and welded construction

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