

Castor Wheels — Bottom Entry

TLA-MOV-CWBE-18 / -35 / -50

Section 3 — [Container Moving](#)



1 PRODUCT OVERVIEW

Bottom-entry castor wheels let a shipping container be manoeuvred and towed on hard, flat surfaces. Each castor locks into a bottom corner casting through a dovetail twistlock interface, so no drilling or welding is needed on the container. Three capacities per castor — 1.8 t on a single wheel, 3.5 t and 5.0 t on twin wheels — each as a swivel or a fixed castor, supplied with (-TL) or without (-PL) the twistlock. Every castor has a thumb-screw brake onto the wheel rim.

2 KEY FEATURES

- Bottom entry into the ISO 1161 corner casting — no drilling or welding
- 1.8 t, 3.5 t and 5.0 t per castor; swivel or fixed
- Precision thrust-bearing swivel with threaded preload adjustment
- Thumb-screw brake onto the wheel rim on every castor
- Separate SKUs with (-TL) and without (-PL) the twistlock
- Integrated stand standard on 3.5 t and 5.0 t

3 PAIRS WITH

	Tow hitch — castors TLA-MOV-HITCHC-01 View online >	Tow triangle that couples a container on castors to a tug or forklift.
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4 APPLICATIONS

- Moving containers in workshops, depots and yards
- Relocating container offices, kiosks and plant rooms
- Positioning containerised equipment for installation
- Short moves with hired 1.8 t castors

5 LATEST REVISIONS & DOWNLOADS

CHECK FOR THE LATEST REVISION



This datasheet REV 1 · 2026-10-20

2D drawings [TLA-DRW-MOV-CWBE-18](#)
· -35 · -50 (one per capacity)

3D model (STEP) [Available on request](#)

Scan the QR or visit twistlockafrica.co.za/go/tla-mov-cwbe-01 for the latest issue of this datasheet, drawing and model.

6 LOAD & PERFORMANCE DATA

Parameter	1.8 t	3.5 t	5.0 t
Rated load per castor	1 800 kg	3 500 kg	5 000 kg
Wheels	1 × Ø250 × 80 mm	2 × Ø250 × 80 mm	2 × Ø300 × 100 mm
Swivel bearings	51117 + 30204	51118 + 30207	51122 + 30208

Ratings are per castor. Container loads are rarely even across the four corners — select the castor so that the most heavily loaded corner stays within its rating. Hard, flat, prepared surfaces only.

7 VARIANTS & DIMENSIONS

	Variant	Description	Mass
	Castor wheel — 1.8 t (single wheel) Swivel TLA-MOV-CWBE-18-TL / -18-PL · Fixed TLA-MOV-CWBE-18F-TL / -18F-PL	Wheel Ø250 × 80. Height to the twistlock landing pad 362 mm (-TL); castor 311 mm. Top plate 190 × 150 × 12 with 4 × Ø18.5 holes at 150 × 110 centres. Wheel offset 66 mm; swivel radius 193 mm. Drawing TLA-DRW-MOV-CWBE-18.	25 kg (-TL) — (-PL)
	Castor wheel — 3.5 t (twin wheel) Swivel TLA-MOV-CWBE-35-TL / -35-PL · Fixed TLA-MOV-CWBE-35F-TL / -35F-PL	Wheels 2 × Ø250 × 80. Height to the twistlock landing pad 370 mm (-TL); castor 319 mm. Top plate 240 × 180 × 16 with 4 × Ø18.5 holes at 197 × 102 centres. Integrated stand standard. Drawing TLA-DRW-MOV-CWBE-35.	45 kg (-TL) — (-PL)
	Castor wheel — 5.0 t (twin wheel) Swivel TLA-MOV-CWBE-50-TL / -50-PL · Fixed TLA-MOV-CWBE-50F-TL / -50F-PL	Wheels 2 × Ø300 × 100. Height to the twistlock landing pad 430 mm (-TL); castor 379 mm. Integrated stand standard. Top plate 240 × 180 × 16 with 4 × Ø18.5 holes at 197 × 102 centres. Drawing TLA-DRW-MOV-CWBE-50.	84 kg (-TL) — (-PL)

Dimension	Value
Twistlock interface (-TL)	Adds 51 mm to the castor height (46 mm dovetail + 5 mm fitment plate), the same on all three capacities. The container's bottom corner casting lands on the twistlock landing pad.
Fixed castors (F)	Same wheels, top plate and fixing as the swivel castor of the same capacity

8 SPECIFICATIONS

Construction	Swivel housing with a precision thrust bearing and an angular-contact thrust bearing; threaded main stem for bearing preload; sealed bearings. Legs welded to the housing — 12 mm plate (1.8 t), 16 mm plate (3.5 t, 5.0 t)
Wheel bearings	Deep-groove precision ball bearings or taper roller bearings, to suit the application
Brake	Thumb screw onto the wheel rim — all variants
Type	Swivel or fixed — separate SKUs (F = fixed)
Twistlock	-TL: dovetail twistlock fitted, bottom entry into the ISO 1161 corner casting · -PL: supplied without the twistlock
Integrated stand	Standard on the 3.5 t and 5.0 t
Options	Swivel lock at 90° intervals (swivel castors) · steering arm (3.5 t, 5.0 t)
Finish	Painted, Twistlock Africa blue
Compatibility	ISO containers with ISO 1161 bottom corner castings
Hire	1.8 t castors available for hire — per set of four, weekly
Country of origin	Manufactured in South Africa
What's included	

Supplied per castor — four castors per container. -TL castors are supplied with the dovetail twistlock fitted.

9 INSTALLATION NOTES

Raise the container until the bottom corner castings clear the castor height to the landing pad (362, 370 or 430 mm) plus the twistlock cone. Insert the twistlock into the bottom aperture of the corner casting and turn the handle to lock. Lower the container so that the casting lands on the twistlock landing pad. Fit all four castors before towing; connect the tow hitch to the end with swivel castors.

10 SAFETY NOTICES

⚠ SAFETY

Hard, flat, prepared surfaces only — concrete, paving or asphalt. Never exceed the rated load per castor, and allow for uneven loading between corners. Never work under a raised container. Apply the thumb-screw brakes whenever the container is stationary. Not for use on public roads.

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