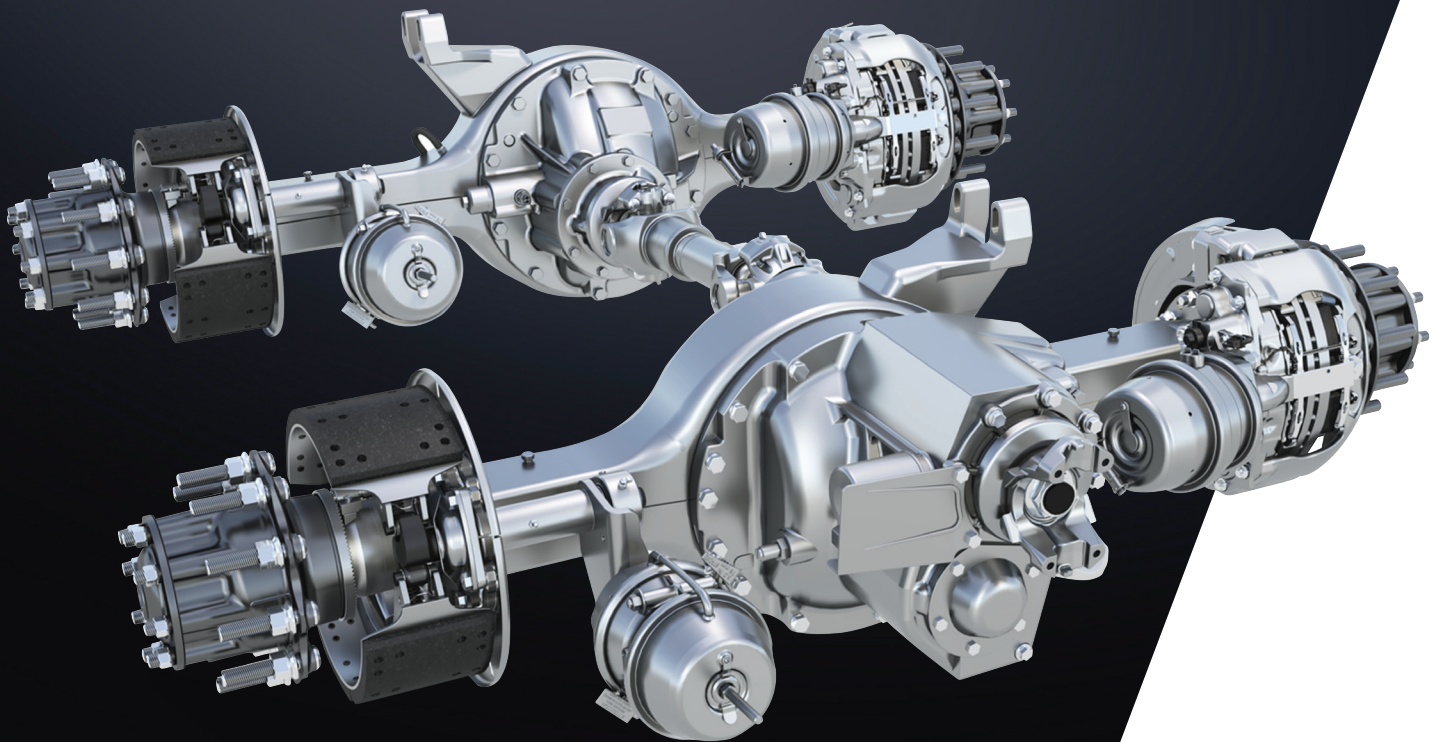


RELIABILITY AND EFFICIENCY.

MT-160 SERIES TANDEM DRIVE AXLES



Meritor

**FOR
A WORLD
THAT'S
ALWAYS ON™**

RELIABILITY AND EFFICIENCY.

- The MT160 Series (MT21-165 & MT23-168) tandem axles is the ideal choice for a variety of applications calling for 21 – 23 tonne (46 – 50,000 lbs) GAWR and is proven in Australia over many years of use.
- Meritor’s advanced Hypoid–Generoid™ gearing delivers smoother and more consistent tooth contact between the ring gear and pinion than conventional systems.
- The MT21-165 & MT23-168 range features include the precision forging of differential side gears and pinions which increase reliability and shock resistance.
- Driver controlled differential lock (DCDL) is available, allowing the driver to select engagement to generate equal drive at each wheel, as needed.
- The latest generation MLS (Multi Lip Seal) complements the product robustness to ensure you maintain on the road “uptime”.

SPECIFICATIONS

MT160 Series Tandem Drive Axle							
Axle Model	GAWR (LBS)*	GCM (KG)*	Nominal GCM (kg)*	Housing Thickness (mm)	Weight (kg)**	Hub Options	Brake Options
MT21-165G	46,000	20,900	97,000	12.7	781	Drum Brakes Steel/Alloy 10 Stud 285PCD 10 Stud 335PCD	Drum Brakes X30 Drum Cast Drum Q+ Brakes
MT21-165GP	46,000	20,900	110,000	12.7	785		
MT23-168GP	50,000	22,700	131,000	16	819	Disc Brakes 10 Stud 285PCD 10 Stud 335PCD	Disc Brakes EX225H Disc Brakes 10 Stud 335 PCD

*Permitted use of axles and components including capacity ratings where stated vary with application and service. Applications should be approved by Cummins-Meritor. Approved ratings may be higher or lower than that indicated above, dependent upon engineering review. Refer to your OEM for Specific Axle Application Guidelines.

**Indicative axle weight does not include yokes, brakes, hubs, bracket(s) or oils.

MT160 Series Linehaul Applications					
Truck & Trailer Configuration	Gross Combination Mass	Differential Lock	Differential Ratio	Road Type	Target Customer
MT21-165G Linehaul					
Only B-Double <70T	Plated GCM 97T	No DCDL spec	4.10	Class A	Customer is looking for TCO improvements.
MT21-165GP Vocational					
T610SAR / B-Double Tipper	Plated GCM 97T	2 x DCDL spec	2.30	Class A-C	Customer is looking for maximum traction and reassurance if loss of traction.
MT23-168GP Vocational					
T610SAR/ Up to 3 trailer road train	Plated GCM 131T	2 x DCDL spec	4.56	Class A-C	Customer is looking for reliability.

FEATURES & BENEFITS

In Australian applications only the toughest survive. Our axles not only survive, but also thrive from the Hume Highway to the the Tanami Track. Year after year, delivering the performance and the goods with legendary durability, reduced maintenance and operating costs to keep you moving.

STANDARD FEATURES

- One piece forward axle carrier design
- Hypoid-Generoid™ gearing
- MLS pinion sealing system
- Heavily ribbed thick flange differential cases
- 19 ratios available - 2.64 to 7.17

BENEFITS

- Improved rigidity and alignment with better sealing
- Longer life, greater strength and quieter operation
- Improved sealing and reduced maintenance
- Increased gear and bearing life
- A ratio to suit most requirements

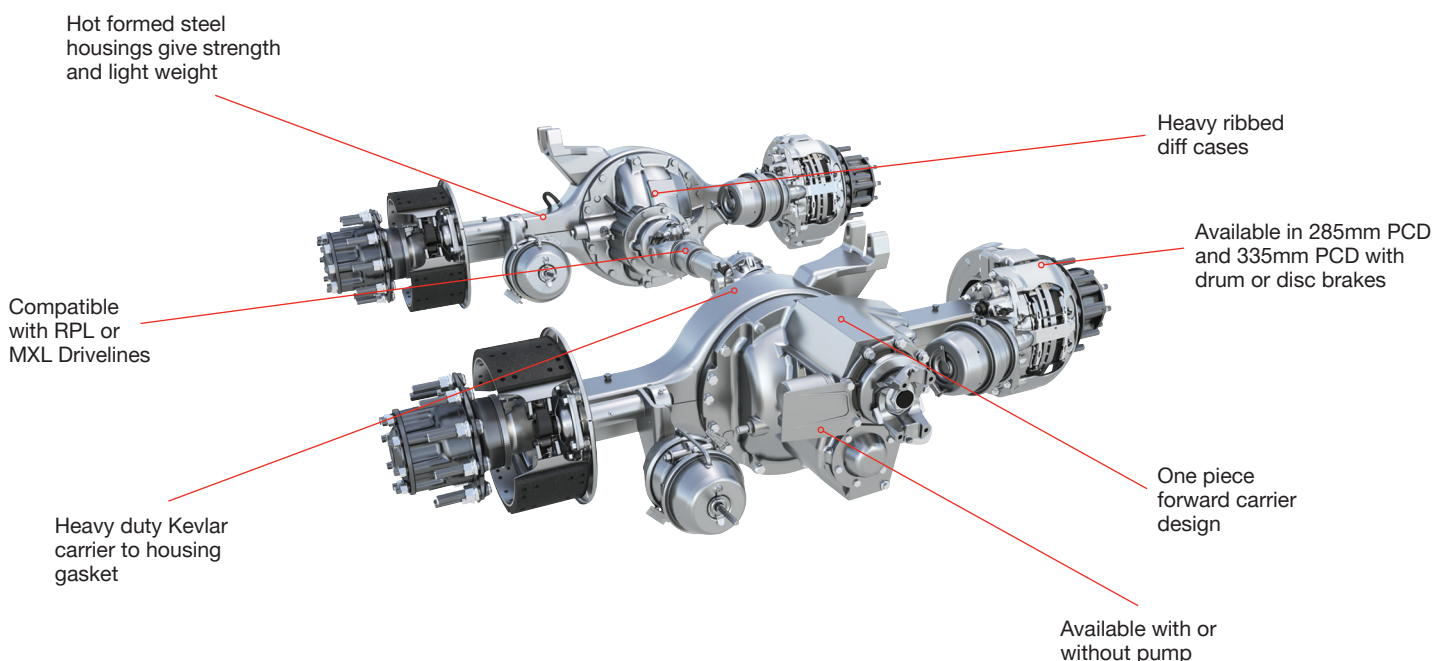
OPTIONAL FEATURES

- Pressurised filtered lube pump
- Upgraded pinion bearings
- Upgraded internal fasteners
- High efficiency pumpless design
- Driver controlled differential lock

BENEFITS

- Reduced potential damage from spin out
- Improved performance in high torque drive and retardation
- Increased fastener life in heavy applications
- Lower fuel use and operating temperature
- Maximum traction and increased driver control

MT160 SERIES TANDEM DRIVE AXLE





Meritor Heavy Vehicle Systems Australia
70 Berkshire Road
Sunshine, VIC 3020
AUSTRALIA

(03) 9311 6555

meritorpartsonline.com

CMCVSFL007-SINGLE REDUCTION TANDEM AXLES
04/23
Produced in AUS 04/23
©2023 Cummins Inc.