

Sales Engineering

Mack Trucks, Inc. Allentown, PA 18103 United States **PID Code**

Description: Meritor RT46-164EH

Models: ALL

Date: August 10, 2015

MERITOR TANDEM AXLES

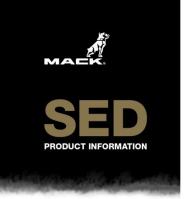
For many applications, nothing less than a tandem axle will survive. And Meritor tandems not only survive, but thrive on the toughest, meanest, most demanding jobs. Year after year, Meritor tandems keep delivering the performance. And the goods. With legendary durability. Plus reduced maintenance and operating costs.



	Features/Options	Performance Benefits				
14X EXCLUSIVE	More robust Inter-Axle Differential (IAD)	20% larger than the competition's and with fewer parts; torque capacity up to 2050 lb. ft. in certain applications; improved pinion, differential and needle bearing design provides longer life and increased reliability				
	2.64-7.17 vocation ratio range	Widest ratio range to match your application and specific engine manufacturer's recommendations				
	DualTrac™ housing option	Effectively respositions the loading on wheel bearings similar to dual tire configurations when used with 0.0"-0.56" outset wheels				
	High-torque gear design	Provides smoother and quieter operation, greater torque capacity and longer component life				
	Rugged, single-piece carrier design	Supports precise gear alignment				
	Meritor spindle design	Central Tire Inflation (CTI) system-ready				
	Optional aluminum rear carrier and is available for RT-40-145A family only	Reduces weight to deliver additional payload capacity and greater fuel economy				
	Broad range of gear ratios available	Enables end users to choose axles tailored to their needs, whether it be improved fuel economy, greater torque or maximum traction				
	Lowest-maintenance tandem design available	Extends range up to 500,000 miles between lube changes				
	Anti-lock braking system (ABS) and Automatic Traction Control (ATC) options	Provides greater braking control, shorter stopping distances and improved traction for both starting and higher-speed driveability				
	Optional Driver-Controlled Differential Lock (DCDL)	Provides maximum traction and spinout protection under slippery conditions				

The information in this document was accurate as of the date of release and pertains to the current version of Mack's Sales Tool. Mack Trucks, Inc. reserves the right to make changes in specifications, equipment or design, or to discontinue models or options without notice.

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Hypoid Single-Reduction Axle Specifications												
RATINGS pounds (kg)	AXLE Model	GCW H pound Max. 3% Grade (Turnpike)	ICHWAY is (kg) Max. 8% Crade (Paved)	STANDARD RATIOS	RING GEAR SIZE (PITCH Diameter) inches (mm)	AXLE SHAFT SPLINE SIZE inches (mm)	AXLE SHAFT Diameter inches (mm)	HOUSING BOX SIZE inches (mm)	WALL THICKNESS AT SPRING SEAT inches (mm)	WHEEL-END Series	APPLICATIONS	
46,000	RT-46-160P			240 250 272					0.50 (12.7), 0.63 (16.0) Wide Track Only Available as RT-46-164 Series			
(20,884)	RT-46-164P 185,000 (83,990)	160,000 (72,640)	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.89, 5.38, 5.63, 6.14, 6.43,	18.0 (457.2)						GS, HS, RS		
				6.83, 7.17		2.35 (59.7) 46 Teeth	2.25 (57.2)		0.63 (16.0)			

Applications Key: GS – General Service • HS – Heavy Service • RS – Restricted Service
See Applications section for specific vehicle references. Refer to publication TP7824 for complete axle specification details.

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