

# MERITOR® ROUGH-TERRAIN CRANE AXLES



# MERITOR® ROUGH-TERRAIN CRANE AXLE SOLUTIONS



Our unique engineering and manufacturing approach utilizes fabricated axle housings offering customized solutions for rough-terrain crane applications and significantly reduced production lead times. Combined with a strong heritage in drivetrain technology, Meritor rough-terrain crane axles provide unparalleled solutions for our customers.



## MERITOR ROUGH-TERRAIN CRANE AXLES

AXLE MODEL	RATING kN (lbs)	MAXIMUM AXLE LOAD CREEP SPEED kN (lbs)	OVERALL RATIOS	FLANGE TO FLANGE mm (inches)	KPI mm (inches)	STEER ANGLE (degrees)	BRAKE TORQUE kN·m (ft·lb)	BOLT CIRCLE DIAMETER mm (inches)	MINIMUM WHEEL DIAMETER mm (inches)
RT-100	140 (31,500)	355 (79,400)	8.5 - 24.8	2,218 (87.3)	1,530 (60.2)	34	34.1 (25,200)	335 (13.19)	635 (25)
RT-200	180 (40,500)	470 (105,800)	8.5 - 24.8	2,561 (100.8)	2,000 (78.7)	28	34.1 (25,200)	422 (16.625)	
RT-300	240 (54,000)	625 (141,050)	11.1 - 32.3	2,564 (100.9)	2,000 (78.7)	28	41.3 (30,400)	422 (16.625)	
RT-400	320 (72,000)	740 (166,400)	14.8 - 43.0	2,703 (106.4)	2,083 (82.0)	24	82.5 (60,800)	502 (19.75)	
RT-400 WT	340 (76,500)	740 (166,400)	14.8 - 43.0	3,044 (119.8)	2,424 (95.4)	21	82.5 (60,800)	502 (19.75)	

## FEATURES AND BENEFITS

- Axle housings formed and welded from rolled steel plate to ensure high reliability and modular design capability
- Customized axle section and length meet strength, capacity and track requirements
- Modular design allows application flexibility
- 335mm (13.19”), 422mm (16.625”), 502mm (19.75”) wheel bolt circle diameters provide proven performance and durability
- Meritor® 14X™ carrier has a proven high-efficiency design and increased reliability with a broad axle ratio coverage from 8.5 to 43.0
- Precision gearing expertise allows quiet operation compared to competition
- Advanced seals provide superior durability in extreme weather

## UNMATCHED CUSTOMER SUPPORT

Every Meritor axle is backed by unsurpassed service and support from Meritor DriveForce™ – plus the OnTrac™ technical support center. For more information, email: [offhighway@meritor.com](mailto:offhighway@meritor.com), call 866-OnTrac1 (866-668-7221), or visit [meritor.com](http://meritor.com) today.



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