

# FRONT AXLE

# MACK®

## FXL13.2

13,200 LBS. [5 987 kg]



- Unitized wheel hubs—requires no maintenance—permanently sealed with grease.
- Sealed tapered kingpins and bearings keep out road splash, extend axle life and lower maintenance.
- Capable of 50 degrees of wheel cut for superior vehicle maneuverability
- Forged I-Beam construction, strong and lightweight.

### DETAIL SPECIFICATIONS

#### MAKE: MACK

Type	Reverse Elliot, Drop-Forged & Heat Treated I-Beam
Size (Beam Center Height)	3.74" [95 mm]
Flange Width, Top	3.35" [85 mm]
Flange Width, Bottom	3.35" [85 mm]
Web Thickness	0.394" [10 mm]
Section Modulus	5.82" in <sup>3</sup> [95 cm <sup>3</sup> ]

#### STEERING KNUCKLE:

Material	Chromium Molybdenum Alloy Steel, Heat Treated
Spindle Diameter	
Inner Bearing	2.28" [58 mm]
Outer Bearing	2.28" [58 mm]
Steering Knuckle Pin:	
Material	Modified Carbon Steel, Heat Treated & Induction Hardened
Type	Tapered
Diameter	
Top	1.57" [40 mm]
Bottom	2.36" [60 mm]

#### STEERING KNUCKLE: (Continued)

Inclination	6.5°
Knuckle Pin Support	
Upper	Tapered Roller Bearing
Lower	Grooved Bushing
Thrust Bearing	
Type	Tapered Roller Bearing
Location	Top of Knuckle Pin Hub
Hub	Ductile Iron
Bearings	Tapered Roller (Unitized)
Lubrication	Permanently lubed with Synthetic Grease
Pivot Centers:	
FXL13.2	69.92" [1 776 mm]
Spring Centers	32.5" [826 mm]CXU

**NOTE: FXL used with wide base type tires will exceed 96" [2 438 mm] overall width.**

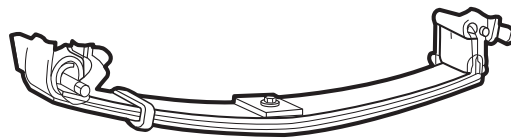


**BRAKES**

TYPE		CAM
SIZE	DIAMETER WIDTH	16.5" [419 mm] 5" [127 mm]
MAKE		Bendix
ACTUATION		Air
LINING THICKNESS		0.86" [22 mm]
LINING AREA TOTAL		314 in <sup>2</sup> [2 036 cm <sup>2</sup> ]
CHAMBER SIZE— Sq. In. Per Wheel		Type 24
SLACK ADJUSTER LENGTH		5.5" [140 mm]
BRAKE ADJUSTMENT		Self-Adjusting
DUST SHIELDS		Optional

**SUSPENSION**

SPRING CAPACITY (GRD. LOAD RATING)	SPRING SIZE	SPRING SIZE		CHASSIS MODEL APPLICATION
		LENGTH	WIDTH	
<b>13,200 lb.</b> [5 987 kg] <b>STD.</b>	Taperleaf - Shackle	58.85" [1 495 mm]	4" [102 mm]	CXU

**TAPERLEAF SHACKLE**