



OVERVIEW

AxleTech's new 7000 Series single reduction rear drive axles are designed for a wide range of off-highway, light to heavy-haul specialty trucks. Our 7000 Series single reduction drive axles are available in single and tandem configurations with axle weight ratings up to 30,000 lb (13.6 T) and 72,000 lb (32.6 T) respectively. Axles are available with drum or disc brake options, an overall axle ratio range of 2.85 to 6.83, and multiple track widths to meet vehicle specifications.

FEATURES AND BENEFITS

Hypoid gears	Hypoid gears are designed with a larger diameter and face width than standard gear designs for extra strength. Optional ground gears are available for lower noise levels.
Differential gears	Differential gears are precision forged for maximum strength.
Robust housing	The robust housing design incorporates a strong box section and automated welding for greater consistency and quality.
Axle shafts	Axle shafts are induction hardened with rolled splines, and are designed with a large diameter for strength and durability.
Modular design	The modular design includes a range of different brake options, ratios, and track widths.

TECHNICAL SPECIFICATIONS

Model	AS-30-17X	AT-60-17X	AT-72-17X
Axle configuration	Single	Tandem	Tandem
GAWR lb (tonnes)	30,000 (13.6)	60,000 (27.2)	72,000 (32.6)
GCWR lb (tonnes)	110,000 (49.9)	220,000 (99.8)	220,000 (99.8)
Track in (mm)	72.0 (1,829) ; 73.2 (1,859)	72.0 (1,829) ; 73.2 (1,859)	72.0 (1,829) ; 73.2 (1,859)
Mounting centers in (mm)	37 (940) to 41 (1,041)	37 (940) to 41 (1,041)	37 (940) to 41 (1,041)
Housing material	Fabricated	Fabricated	Fabricated
Housing box section in (mm)	6.30 (160) x 6.30 (160)	6.30 (160) x 6.30 (160)	6.30 (160) x 6.30 (160)
Housing wall thickness in (mm)	0.55 (13.97)	0.55 (13.97)	0.63 (16)
Housing friction weld in (mm)	5.91 (150)	5.91 (150)	5.91 (150)
Brakes in (mm)	16.5 (419) x 8.62 (219) Drum, 22.5 (571.5) Disc (optional)	16.5 (419) x 8.62 (219) Drum, 22.5 (571.5) Disc (optional)	16.5 (419) x 8.62 (219) Drum, 22.5 (571.5) Disc (optional)
Ratios	2.85 - 6.83	2.85 - 6.83	2.85 - 6.83
Ring gear diameter in (mm)	18.5 (470)	18.5 (470)	18.5 (470)
Gear face width in (mm)	3.2 (81.2)	3.2 (81.2)	3.2 (81.2)
Wheel mount in (mm)	10 stud- 13.2 BC (335)	10 stud- 13.2 BC (335)	10 stud- 13.2 BC (335)
ABS compatibility	Option available	Option available	Option available
Applications	Dump trucks, refuse, fire trucks, buses	Fire trucks, on-highway fuel haulers, heavy haul dump trucks	Loggers, oil trucks

HEADQUARTERS

AxleTech
1400 Rochester Road
Troy, Michigan 48083
USA

+1 877-877-9717
Int'l +1 248-658-7200

EMAIL

OE: sales@axletech.com
Aftermarket: aftermarket@axletech.com

AXLETECH.COM