



## 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

<b>Hypoid gears</b>	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.
<b>Differential gears</b>	Differential gears are precision forged for maximum strength.
<b>Robust housing</b>	The robust housing design incorporates a strong box section and automated welding for greater consistency and quality.
<b>Axle shafts</b>	Axle shafts are induction hardened with rolled splines, and are designed with a large diameter for strength and durability.
<b>Modular design</b>	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
<b>Axle configuration</b>	Single	Tandem	Tandem
<b>GAWR lb (tonnes)</b>	30,000 (13.6)	60,000 (27.2)	72,000 (32.6)
<b>GCWR lb (tonnes)</b>	110,000 (49.9)	330,000 (150)	330,000 (150)
<b>Track in (mm)</b>	72.0 (1,829) ; 73.2 (1,859)	72.0 (1,829) ; 73.2 (1,859)	72.0 (1,829) ; 73.2 (1,859)
<b>Mounting centers in (mm)</b>	37 (940) to 41 (1,041)	37 (940) to 41 (1,041)	37 (940) to 41 (1,041)
<b>Housing material</b>	Fabricated	Fabricated	Fabricated
<b>Housing box section in (mm)</b>	6.30 (160) x 6.30 (160)	6.30 (160) x 6.30 (160)	6.30 (160) x 6.30 (160)
<b>Housing wall thickness in (mm)</b>	0.55 (13.97)	0.55 (13.97)	0.63 (16)
<b>Housing friction weld in (mm)</b>	5.91 (150)	5.91 (150)	5.91 (150)
<b>Brakes in (mm)</b>	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)
<b>Ratios</b>	2.85 - 6.83	2.85 - 6.83	2.85 - 6.83
<b>Ring gear diameter in (mm)</b>	18.5 (470)	18.5 (470)	18.5 (470)
<b>Gear face width in (mm)</b>	3.2 (81.2)	3.2 (81.2)	3.2 (81.2)
<b>Wheel mount in (mm)</b>	10 stud- 13.2 BC (335)	10 stud- 13.2 BC (335)	10 stud- 13.2 BC (335)
<b>ABS compatibility</b>	Option available	Option available	Option available
<b>Applications</b>	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](http://AXLETECH.COM)