

PEERLESS[®]

TRANSMISSIONS



100 Series Differential Axles

Driving choice. Delivering dependability.

Peerless differential axles provide ultimate performance, durability, and ease of operation for all your rider and other drive needs. Available with either 3/4 or 1-inch diameter axle shafts, Peerless differential axles are ultra-quiet and will provide customers superior performance when used with a Peerless 700 Series transmission.

Technical Specification

Features & Benefits



- **Housing** - Die-cast aluminum housing offers outstanding heat dissipation and durability.
- **Axle Shafts** - 3/4" (19.05 mm) & 1" (25.4 mm) diameter with key slot (optional shaft ends are available).
- **Differential** - Automotive-type sintered metal or optional steel cut bevel gears provide smooth, long lasting performance.
- **Bushings** - Axle shafts rotate on bronze or oil impregnated sintered iron bushings. Needle bearings and seals are available as an optional on 3/4" (19.05 mm) diameter axles.
- **High Carbon Steel Bolts** - Holds housing assembly together and provides mounting for sprocket. Includes positive locknuts. (4-Bolts Standard, 6-Bolts Optional)
- **Stamped Steel Sprockets** - Standard: 40, 45, 54 or 60 tooth sprockets for number 40 and 41 chain. Shipped separate from differential.

100 Series Differentials

Output torque	150 ft. lbs. (203.4 N-m)
Axle / Tire Diameter 3/4" (19.05 mm) 1.0" (25.4 mm)	18" (457.2 mm) 20" (508.0 mm)
Weight on Differential 3/4" (19.05 mm) 1.0" (25.4 mm)	400 lbs. (181.5 kg) 600 lbs. (272.3 kg)
Net Weight	10 lbs. (4.5 kg)
Wheel Weight Total	70 lbs. (31.8 kg)
Weight Box to offset front mount implement	100 lbs. (45.4 kg)

Peerless 700 Series Manual Shift Transmissions

Peerless 700 Series transmissions are available with up to five forward speeds and one reverse. Output sprocket and service brake are available.



Output Torque
20 ft. lbs. (27.1 N-m)

Specifications subject to change without notice.

812-883-7979 - USA Sales / Factory

812-883-7892 - USA Engineering

866-536-8310 - Customer Service

0044 1932 599079 - European Sales & Engineering

www.peerlessgear.com

PEERLESS® GEAR

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