

Date: February 13, 2012

Subject: #14 Torflex® Axle

In keeping with our continual commitment to product innovation, Dexter Axle is pleased to announce the addition of another axle to our Torflex® product line. The new axle assembly is a 12,000 lb. capacity, heavy duty Torflex® axle. The #14 has a new hub with different bearing spacing versus our existing 12K hubs. This change has allowed us to reduce the minimum overhang required. The new hub will not interchange with the current D120 hub. All of the other D120 components; drums, bearings, seals, etc. will be interchangeable. This axle will be available in electric, hydraulic, and disc brake applications.

Standard features of the #14 Torflex® axle

- 6.00" centers on the torsion arm
- Disc brake will be available for single wheel use only - no dual wheel usage with disc brakes
- Disc brake overhang from outside bracket to hub face is 9.19" per side
- Drum brake overhang from outside bracket to hub face is 12.44" per side
- Six different start angles are available: 22.5° up, 10° up, 0°, 10° down, 22.5° down, and 45° down
- Allows for a lower frame height of 5.50" with a 22.5° up start angle compared to a 12K underslung leaf spring axle
- Two #14 axles (12,000 lb.) can be used in place of a triple #13 (8,000 lb.) axle application at a similar cost, maintaining the 24,000 lb. total gross axle weight rating (GAWR)

Table of Configurations

Spindle Option	Brake Size	Tandem (GAWR 24,000)
12K, Disc	Disc	Yes
12K, Drum	12¼" x 5"	Yes

Table of Wheels and Tires for #14 Torflex® Single Wheel

Wheel Size	Tire Size
17.5 x 6.75HC .19 inset	235/75R 17.5, H, capacity each 6005 lbs. @ 125 psi
17.5 x 6.75HC .31 outset	245/70R 17.5, H, capacity each 5360 lbs. @ 125 psi
17.5 x 6.75HC .50 outset	215/75R 17.5HC, H, capacity each 4805 lbs. @ 125 psi
17.5 x 6.75HC no outset	9R17.5HC, H, 4410 @ 110 psi
17.5 x 8.25HC .31 outset	10R17.5HC, H, 4675 @ 110 psi

Availability of the new Torflex® axle is as follows:

Prototype axles - February 2012

Production axles - May 2012

Please contact your Dexter sales engineer if you have additional questions or need further assistance.



Rick Kapsa
Product Manager