

YOU GOTTA BE TOUGH TO WORK IN THESE ENVIRONMENTS



CORROSION
— FIGHTER™ —
TECHNOLOGY



TR-T

TR-LP3T

- **“New” Composite Guide** - A standard feature constructed from heavy-duty, non-metallic composite material. Available on all TR Standard and Long Stroke model chambers. Patents Pending.
- **The new spring guide** also ensures precise alignment of the power spring inside the brake. Accurate alignment of the head side of the power spring compliments our patented Center-Hole Diaphragm (CHD) design providing longer center seal and power spring life.

BRAKE CHAMBERS DESIGNED SPECIFICALLY FOR THE VOCATIONAL MARKET



ALL AVAILABLE WITH OPTIONAL NEOPRENE DIAPHRAGMS

Neoprene is a versatile, synthetic rubber with a unique combination of beneficial properties:

- Excellent resistance to oil & other chemicals
- Performs reliably over a wide temperature range*
- Outstanding physical toughness
- Resists damage caused by flexing & stretching

Brake chambers with nylon-reinforced, neoprene diaphragms are the best choice to keep your vocational fleet in action and out of the shop—saving you money.

*Approx. -40°C to 80°C (-40°F to 176°F)



MGM Brakes
A Division of Indian Head Industries, Inc.

WWW.MGMBRAKES.COM

Form 5093



Along with chambers equipped with standard 8-inch fully threaded push-rods, MGM Brakes also offers a variety of standard rubber and neoprene diaphragm chambers with welded yokes.

KEY BENEFITS OF THE WELDED YOKE

- Reduces chamber replacement time
- No push-rod cutting required
- Save money—no need to buy separate, expensive yoke
- Retains exact chamber to slack adjuster factory set-up

Welded yoke chambers have a preset 'Y' dimension, measured from the bottom of the non-pressure chamber (NPC) to the center line of the large yoke pin.

Because some 'Y' dimensions are relatively short (2.25 inches), the corresponding 'X' dimension will also be short, at approximately 3/4 to 1-inch (measured from the bottom of the NPC to the end of the push-rod). Consequently, if a replacement unit with a 'universal' all-threaded cut-to-fit push-rod is used, the 'stack-up' of the yoke and jam nut could exceed the 'X' dimension by approximately 1/8-inch. In some cases, this could prevent the unit from achieving zero-stroke. Also, if the push-rod opening in the NPC is large enough, the jam nut may protrude into the NPC and damage the protective stone shield.

Spring brakes and service chambers must fully retract to zero-stroke in order to completely release the foundation brakes so the lining no longer contacts the drum, and to allow the automatic slack adjusters to properly operate and adjust the stroke.

MGM CHAMBERS DESIGNED FOR SEVERE OPERATING ENVIRONMENTS

1427801 - C24L Service Chamber with Neoprene Diaphragm and standard 8-inch fully threaded push-rod

1427902 - C24L Service Chamber with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

1428902 - C24L3 3-inch "Long Stroke" Service Chamber with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

3231051 - TR3030LP3T 3-inch "Long Stroke" Combination with standard 8-inch fully threaded push-rod

3231851 - TR3030LP3T 3-inch "Long Stroke" Combination with Neoprene Diaphragm

3232952 - TR3030LP3HD 3-inch "Long Stroke" Combination (HD) with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

3233952 - TR3030LP3THD 3-inch "Long Stroke" Combination (THD) with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

3233953 - TR3030LP3THD 3-inch "Long Stroke" Combination (THD) with Neoprene Diaphragm and Welded Yoke - Y=4.20 inches

3430808 - TR3030 Piggyback Plus Kit with Neoprene Diaphragm

3430851 - TR3030 Combination with Neoprene Diaphragm and standard 8-inch fully threaded push-rod

3431008 - TR3030T Piggyback Plus Kit

3431051 - TR3030T Combination with standard 8-inch fully threaded push-rod

3431851 - TR3030T Combination with Neoprene Diaphragm and standard 8-inch fully threaded push-rod

3431953 - TR3030T Combination with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

3431954 - TR3030T Combination with Neoprene Diaphragm and Welded Yoke - Y=4.20 inches

3531051 - TR3030TS Combination (Severe Service) with standard 8-inch fully threaded push-rod

3532851 - TR3036TS Combination (Severe Service) with Neoprene Diaphragm and standard 8-inch fully threaded push-rod

3532953 - TR3036TS Combination (Severe Service) with Neoprene Diaphragm and Welded Yoke - Y=4.20 inches

3532954 - TR3036TS Combination (Severe Service) with Neoprene Diaphragm and Welded Yoke - Y=2.25 inches

3535051 - TR3030LP3TS 3-inch "Long Stroke" Combination (Severe Service) with standard 8-inch fully threaded push-rod

3535851 - TR3030LP3TS 3-inch "Long Stroke" Combination (Severe Service) with Neoprene Diaphragm and standard 8-inch fully threaded push-rod



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