

You Gotta Be Tough to Work in This Environment



**BRAKE CHAMBERS WITH NEOPRENE DIAPHRAGMS
ARE PERFECT FOR THE WASTE INDUSTRY**



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 refuse truck 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.

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Form 5063/64

REPLACEMENT CHAMBERS AVAILABLE WITH NEOPRENE DIAPHRAGMS



Along with chambers equipped with standard 8-inch fully threaded push-rods, MGM Brakes also offers a variety of neoprene diaphragm chambers with welded yokes to ensure exact production “Like for Like” replacement.

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.

REPLACEMENT CHAMBERS WITH NEOPRENE DIAPHRAGMS:

- 1427801 - C24L Service Chamber with standard 8-inch fully threaded push-rod
- 1427902 - C24L Service Chamber with Welded Yoke - Y=2.25 inches
- 1428902 - C24L3 3-inch “Long Stroke” Service Chamber with Welded Yoke - Y=2.25 inches
- 3430851 - TR3030 Combination with standard 8-inch fully threaded push-rod
- 3232952 - TR3030LP3HD 3-inch “Long Stroke” Combination (HD) with Welded Yoke - Y=2.25 inches
- 3233952 - TR3030LP3THD 3-inch “Long Stroke” Combination (THD) with Welded Yoke - Y=2.25 inches
- 3233953 - TR3030LP3THD 3-inch “Long Stroke” Combination (THD) with Welded Yoke - Y=4.20 inches
- 3431953 - TR3030T Combination with Welded Yoke - Y=2.25 inches
- 3431954 - TR3030T Combination with Welded Yoke - Y=4.20 inches
- 3532851 - TR3036TS Combination (Severe Service) with standard 8-inch fully threaded push-rod
- 3532953 - TR3036TS Combination (Severe Service) with Welded Yoke - Y=4.20 inches
- 3532954 - TR3036TS Combination (Severe Service) with Welded Yoke - Y=2.25 inches
- 3535851 - TR3030LP3TS 3-inch “Long Stroke” Combination (Severe Service) with standard 8-inch fully threaded push-rod



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