



# MGM Brakes

## HDW MODELS

### Anti-Vibration Brakes

Offers all the quality design of our world famous TR series, with the additional features of the MGM Brakes Center Hole Diaphragm and Weld Reinforced mounting base; providing protection against the destructive forces of excessive vibration on internal component parts and mounting platform.



**Especially made for the  
Off-Highway Construction Market**



**Weld  
Reinforced  
NPC**



FORM 5087

# TOUGH SPRING BRAKES

## CENTER HOLE DIAPHRAGM

MGM designed and patented feature that aligns the piston, diaphragm, power spring and internal push-rod providing the following advantages: maintains component alignment, reduces power spring stress, reduces coil clash, increases center seal life and eliminates the effects of severe vibration.

## EXTERNAL BREATHER TUBE

Vents air from inside the protected area of the non-pressure chamber to effectively prevent entry of liquid and solid corrosive contaminants that can cause premature failure of the spring brake chamber.

## CENTER SEAL

Multi-lipped, pressure activated seal - an MGM exclusive - molded from specially formulated low-temperature resistant rubber, providing long term protection against air leaks. Nylon guides eliminate metal to metal contact and premature failure in the critical area.

## NON PRESSURE HOUSING (NPC)

Heavy gauge formed steel flat bottom design, epoxy coated for total corrosion protection, with pressed-in and weld-reinforced mounting studs for added support in extreme vibration applications.

## SLIDING STONE SHIELD

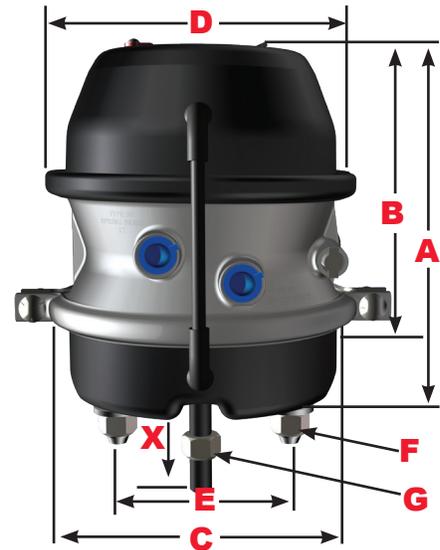
Allows service push-rod to articulate through full range of movement during application and release while protecting the service chamber from entrance of stones, dirt snow, slush and other solid debris.

## HYBRID NEOPRENE DIAPHRAGM AVAILABLE

MGM offers our HDW actuator with our Hybrid Neoprene Diaphragm. This diaphragm combines the strength of nitrile rubber while also employing the properties of neoprene to combat foreign materials found within the air system that could lead to early actuator failures.



PIN Series	3443	3444	3544	3244*	3545*	3844*
Model	TR3030HDW	TR3030THDW	TR3030TSHDW	TR3030LP3THDW	TR3030LP3TSHDW	LTR3030L3W
Size	3030	3030	3030	3030	3030	3030
Stroke	2.50"	2.50"	2.50"	3.00"	3.00"	3.00"
PIN Combination	3443051	3444051	3544051	3244051	3545051	3844051
PIN Welded Yoke	N/A	N/A	N/A	3244951	3545951	3844951
PIN Piggyback Plus Kit	N/A	N/A	N/A	N/A	N/A	N/A
Wt. Combination (lbs.)	19.9	19.9	19.9	20.4	20.4	20.5
Wt. Single (lbs.)	N/A	N/A	N/A	N/A	N/A	N/A
A	9.04	9.04	9.04	9.99	9.99	13.0
B	6.71	6.71	6.71	7.61	7.61	10.63
C	8.32	8.32	8.32	8.32	8.32	8.27
D	8.21	8.21	8.21	8.21	8.21	8.18
E	4.75"					
F	5/8" - 11UNC					
G	5/8" - 18UNF					
Inlets	3/8" - NPTF					
X - Min. (in caged position)	8.00"					



Product information and specifications subject to change without notice.

\*NOTE: These welded yokes are 2.25".



www.MGMBrakes.com

A Division of Indian Head Industries, Inc.

Form 5087 - Revision 7/2022 ©2008 MGM Brakes

All Rights Reserved