



Magswitch Technology, Inc.
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Magswitch AR70 NAAMS High Heat

P/N: 8140722

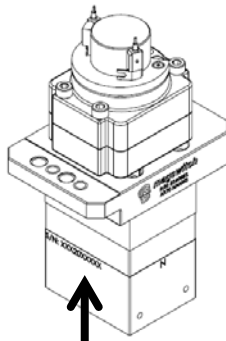
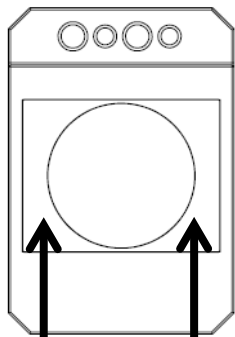
Magswitch “AR” series is explicitly designed for use with pole shoes. Pole shoes must be attached to the unit in order to maximize breakaway force and minimize residual magnetism. Each Magswitch “AR” unit comes equipped with one set of dual purpose pole shoes for flat or pipe/round stock. Simply flip the pole shoes around so the V shape is exposed for use on pipe and other rounds. The “AR” series allows complete customization of pole shapes to provide the best hold on your hard to grip parts. The “NAAMS” Mount is a universal, consistent, and precision effective way to attach these devices to robots and other mounts.

Note: You may have to design and fabricate custom pole shoes depending on your application for optimal performance.



WARNING!
Do Not Operate Unless In Contact With Ferrous Target

SPECIFICATIONS	
P/N: 8140722 - MAGSWITCH AR70 NAAMS High Heat	
Max Breakaway*	960 lbs/435.4 kg
Working Load 4:1*	244 lbs/110.7 kg
Full Saturation Thickness	1/2" / 12.7 mm
Max Shear 2:1*	62.5 lbs/28.4 kg
Minimum Thickness for De-Stack	1/2" / 12.7 mm
Min Actuation Pressure	30 psi / 2.1x10 ⁵ pa
Max Actuation Pressure	145 psi / 1.0x10 ⁶ pa
Off Target Actuation Pressure	52 psi/ 3.6x10 ⁵ pa
Net Weight	14.92 lbs / 6.8 kg
Air Port Thread	G1/8
NAAMS Mount	4: M10x1.5/4: Ø 8.0
Overall Height	255.8mm
Magnetic Pole Footprint	92x72.3 mm



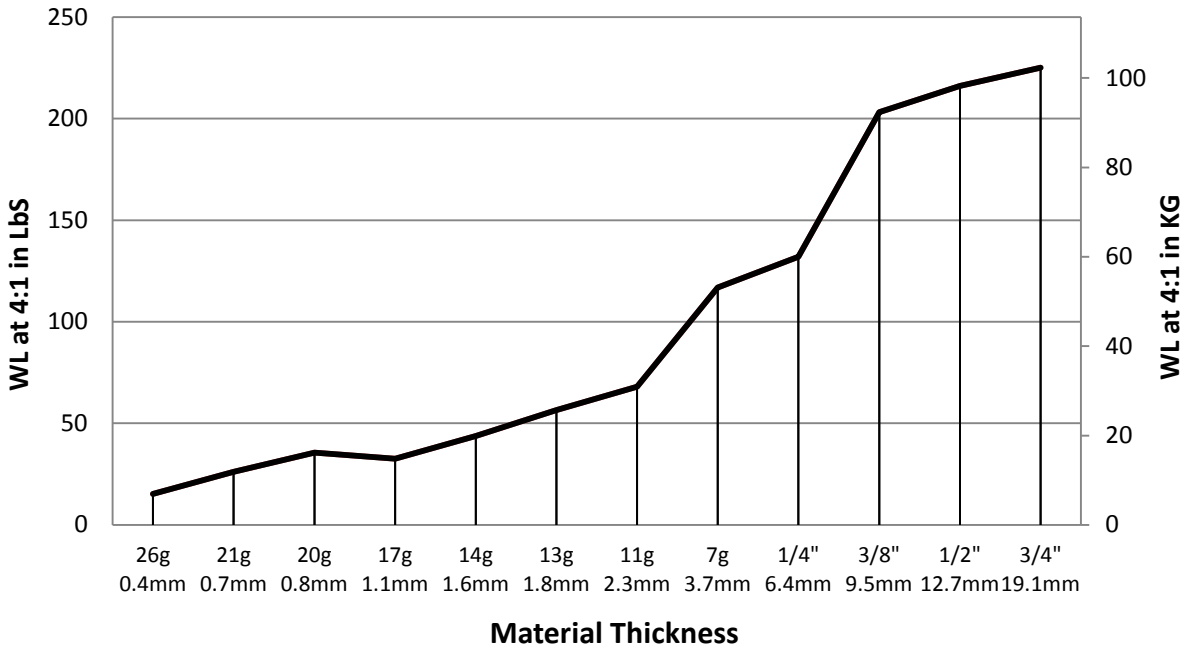
WORKING SURFACE

Part Number 110892
 Revision Date: September 8, 2015

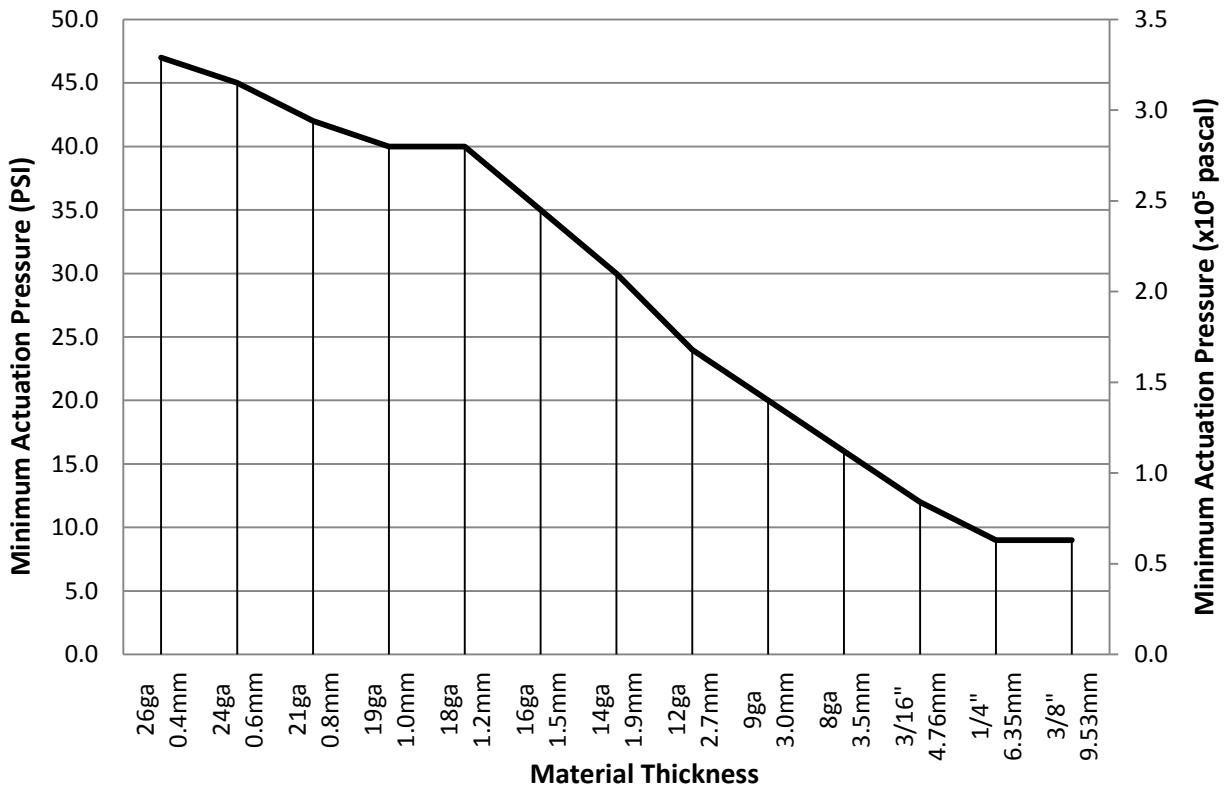
* Max Breakaway determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches. Many factors contribute to the actual breakaway force in each application. Always test the magswitch in each application before deployment. Refer to the magswitch information booklet for more information.



Magswitch AR70 NAAMS Working Load



Actuation Pressure Vs. Material Thickness

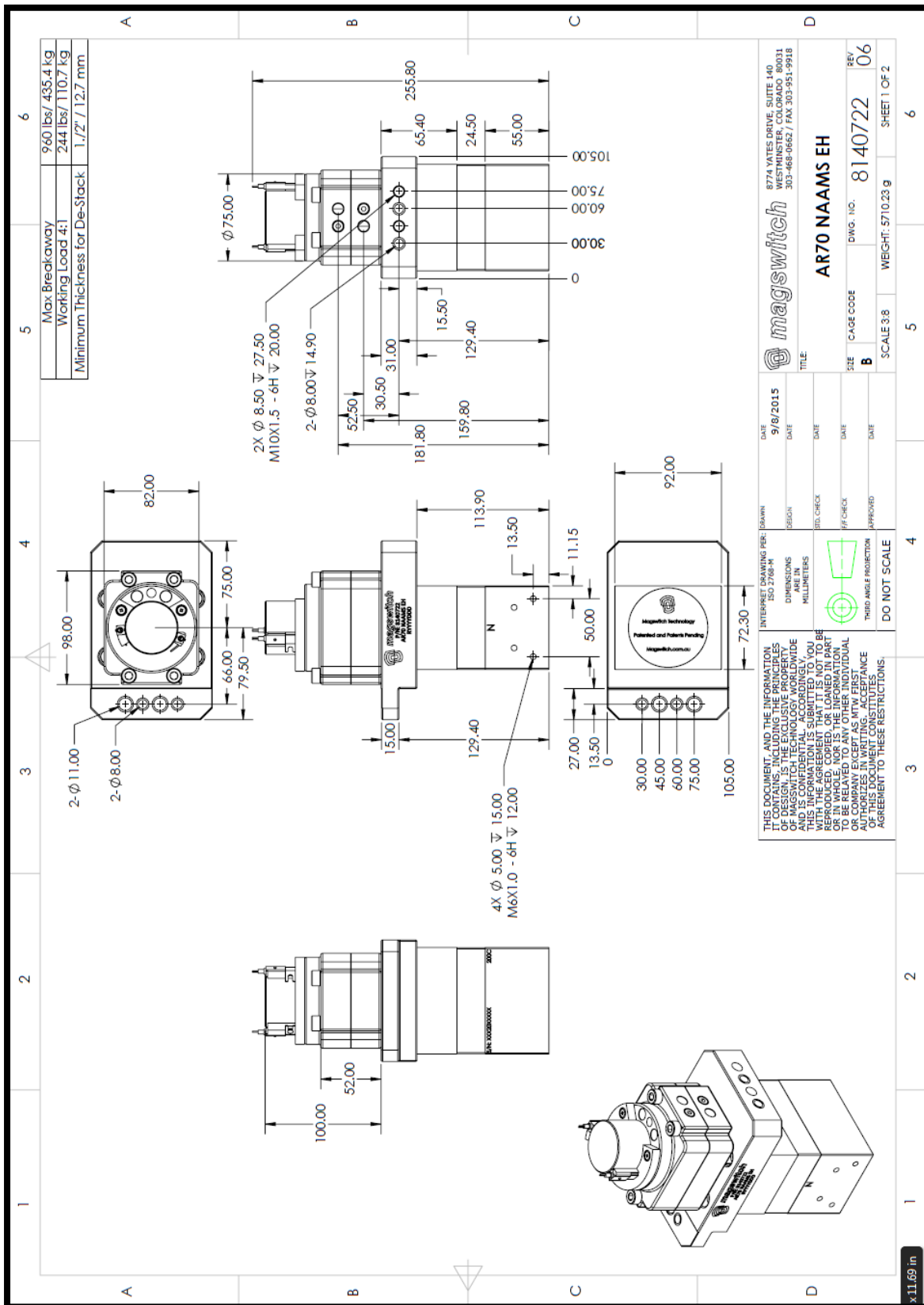


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