Magswitch Technology, Inc.
8774 Yates Dr. Suite 140
Westminster, CO 80031
Magswitch.com.au
303-468-0662

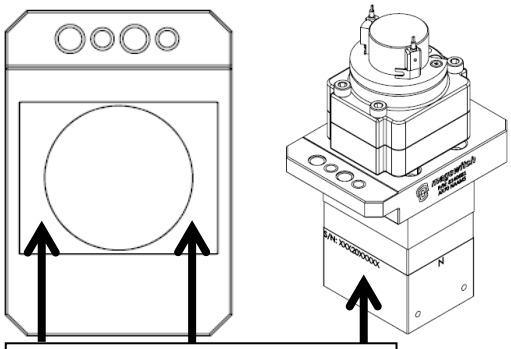
Magswitch AR70 NAAMS
P/N: 8140681

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

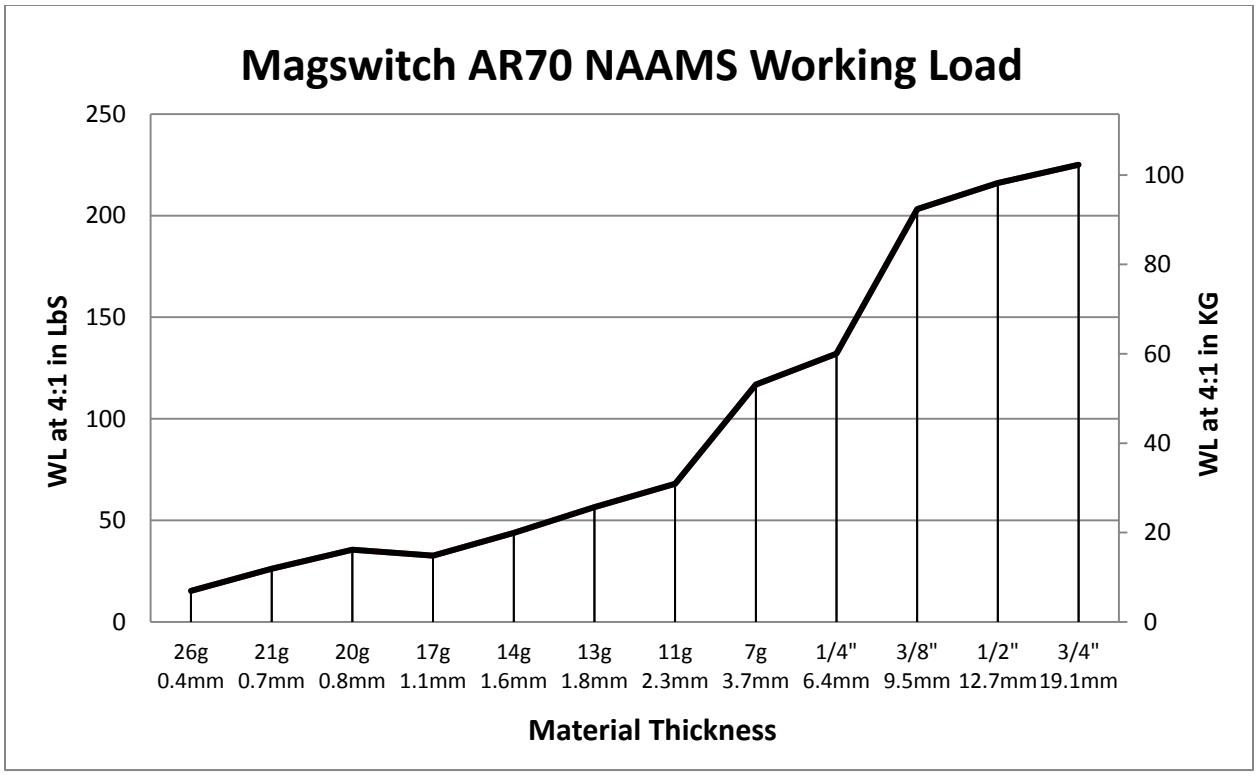
SPECIFICATIONS	
P/N: 8140681 - MAGSWITCH AR70 NAAMS	
Max Breakaway*	960 lbs/435.4 kg
Working Load 4:1*	244 lbs/110.7 kg
Full Saturation Thickness	1/2" / 12.7 mm
Max Shear 2:1*	62.5 lbs/28.4 kg
Minimum Thickness for De-Stack	1/2" /12.7 mm
Min Actuation Pressure	30 psi / $2.1x10^5$ pa
Max Actuation Pressure	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	210.2 mm
Magnetic Pole Footprint	92x72.3 mm

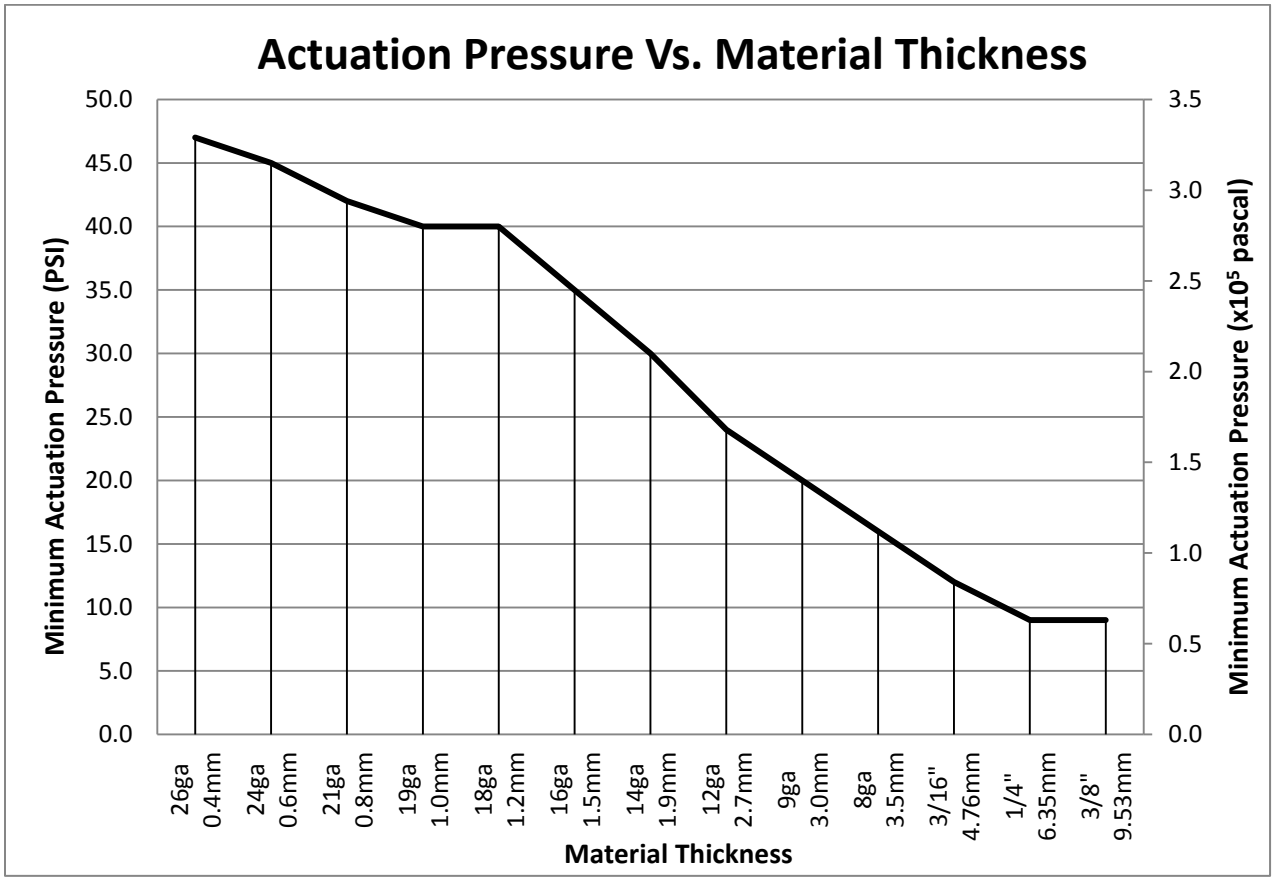


WORKING SURFACE

Part Number 110871
Revision Date: September 25, 2013

* 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.





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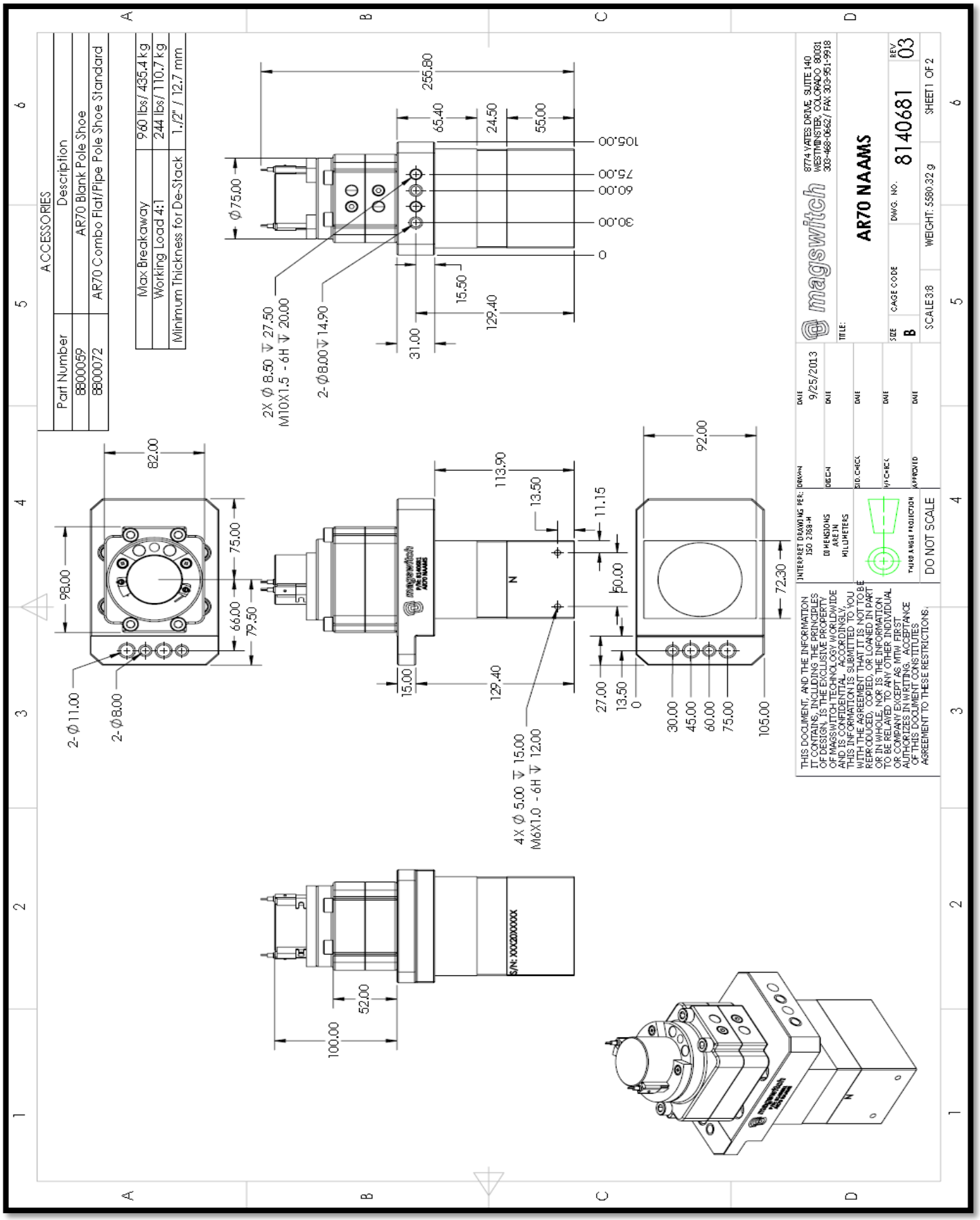
ACCESSORIES
Part Number
Description
8800059
AR70 Blank Pole Shoe
8800072
AR70 Combo Flat/Pipe Pole Shoe Standard
Max Breakaway
960 lbs/ 435.4 kg
Working Load 4:1
244 lbs/ 110.7 kg
Minimum Thickness for De-Stack
1./2" / 12.7 mm
magswitch
8774 YATES DRIVE, SUITE 140
WESTMINSTER, COLORADO 80031
303-468-0662/ FAX 303-951-9918
AR70 NAAMS
DWG. NO. 8140681
REV. 03
SIZE B
CAGE CODE
SCALE 3:8
WEIGHT: 5380.32 g
SHEET 1 OF 2
DO NOT SCALE
THIRD ANGLE PROJECTION
INTERPRET DRAWING PER: ISO 2768-M
DIMENSIONS ARE IN MILLIMETERS
DRAWN 9/25/2013
CHECK
ENG CHECK
QA CHECK
APPROVED
DATE
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255.80
65.40
24.50
55.00
105.00
75.00
60.00
30.00
0
Φ75.00
2X Φ 8.50 ↧ 27.50
M10X1.5 - 6H ↧ 20.00
2- Φ8.00↧14.90
31.00
15.50
129.40
82.00
98.00
75.00
66.00
79.50
2- Φ11.00
2- Φ8.00
113.90
13.50
11.15
50.00
92.00
72.30
15.00
129.40
4X Φ 5.00 ↧ 15.00
M6X1.0 - 6H ↧ 12.00
27.00
13.50
0
30.00
45.00
60.00
75.00
105.00
S/N: XXXXXXXXXX
52.00
100.00