



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

# Magswitch MagWheel 150

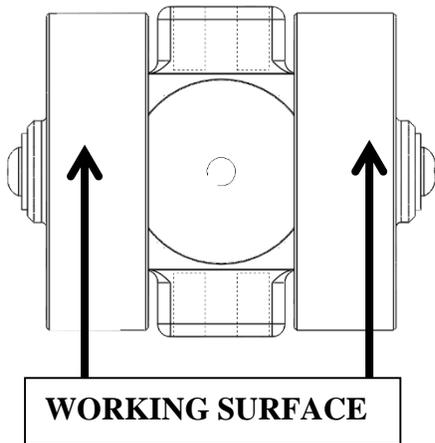
## P/N: 8100074

The Magswitch MagWheel offers powerful connection for drive units on any ferrous surface enabling flat, vertical or inverse travel. Applications include positioning and guiding, sheet feeding, pipe handling, fitting and fabrication and numerous OEM automation and fixturing applications. MagWheel can be fitted with drive units for mobile applications. MagWheel results in efficiency, new applications and productive solutions.

Underneath the patented MagWheel design is the highly functional AR Housing. Through clever innovation of the original Magswitch, the MagWheel provides all the features of a standard Magswitch on the move. The magnetic flux path through the wheels means climbing, carrying and driving anywhere above or below a ferrous surface is now a reliable, fail-safe reality.



**WARNING!**  
**Do Not Operate Unless In**  
**Contact With Ferrous Target**



SPECIFICATIONS	
<b>P/N: 810074 - MAGSWITCH MagWheel 150</b>	
Max Breakaway*	65 lbs/29.5 kg
Net Weight	2.2 lbs/1 kg
Overall Height	72mm
Magnetic Pole Footprint	55mm x 50mm

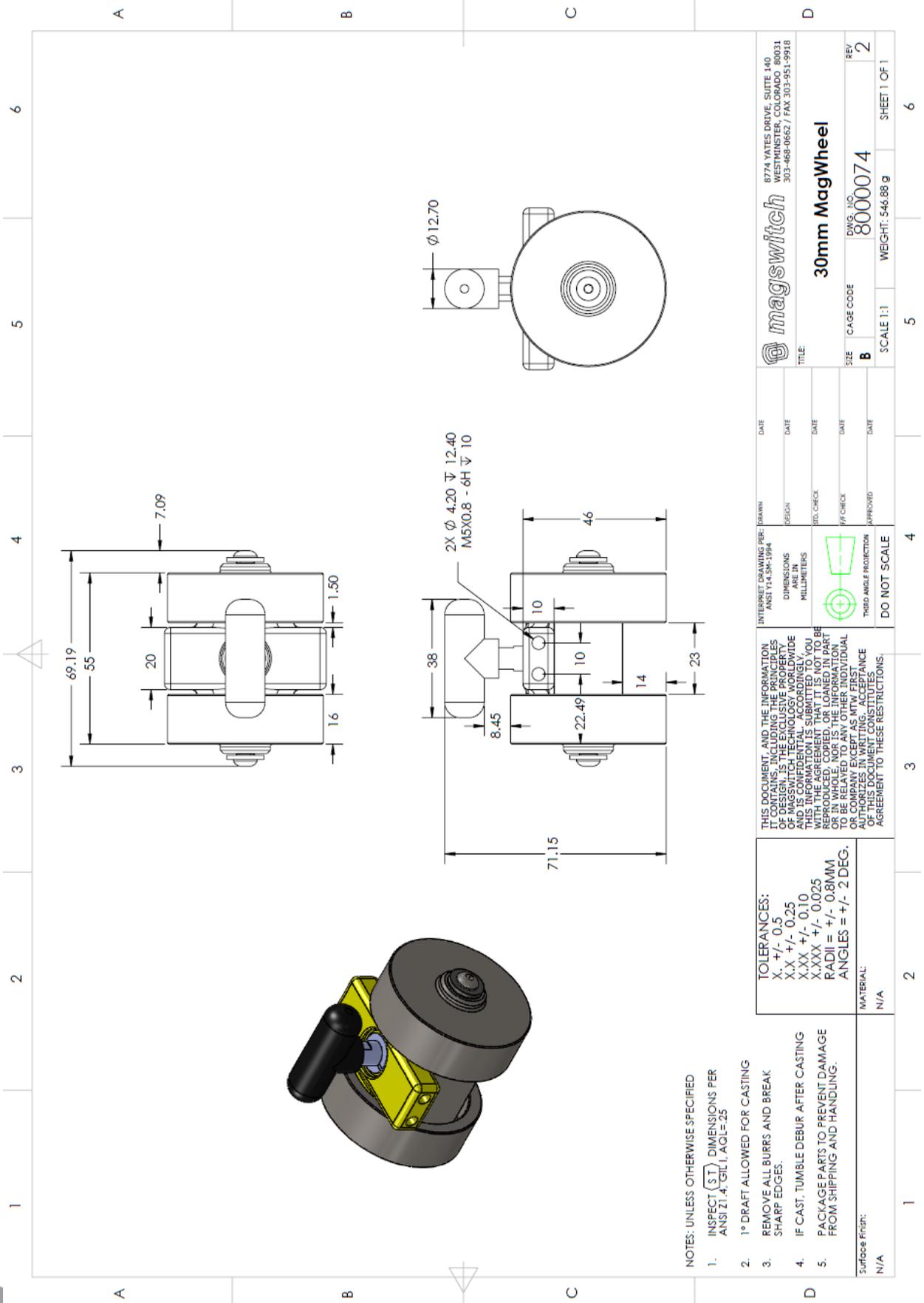
\* Max Breakaway determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches. Many factors contribute to the actual breakaway force in each application. Always test the magswitch in each application before deployment. Refer to the magswitch information booklet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



Part Number 110692  
 Revision Date: June 26, 2012



Part Number 110692  
Revision Date: June 26, 2012



- NOTES: UNLESS OTHERWISE SPECIFIED
- INSPECT (3T) DIMENSIONS PER ANSI Z1.4, G1.1, AQL=25
  - 1° DRAFT ALLOWED FOR CASTING
  - REMOVE ALL BURRS AND BREAK SHARP EDGES.
  - IF CAST, TUMBLE DEBUR AFTER CASTING
  - PACKAGE PARTS TO PREVENT DAMAGE FROM SHIPPING AND HANDLING.

TOLERANCES:  
X, +/- 0.5  
X.X +/- 0.25  
X.XX +/- 0.10  
X.XXX +/- 0.025  
RADII = +/- 0.8MM  
ANGLES = +/- 2 DEG.

MATERIAL:  
N/A

THIS DOCUMENT, AND THE INFORMATION IT CONTAINS, INCLUDING THE PRINCIPLES OF DESIGN, IS THE EXCLUSIVE PROPERTY OF MAGSWITCH AND IS CONFIDENTIAL, ACCORDINGLY, THIS INFORMATION IS SUBMITTED TO YOU WITHOUT ANY AGREEMENT THAT IT WILL BE KEPT IN CONFIDENCE, AND IT IS NOT TO BE RELEASED TO ANY OTHER INDIVIDUAL OR COMPANY EXCEPT AS INTW FIRST APPROVED BY MAGSWITCH. YOUR ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AN AGREEMENT TO THESE RESTRICTIONS.

INTERPRET DRAWING PER: DRAWN DATE  
ANSI Y14.5M-1994 DESIGN DATE  
DIMENSIONS ARE IN MILLIMETERS  
THIRD ANGLE PROJECTION  
DO NOT SCALE

**magswitch** 8774 YATES DRIVE SUITE 140 WESTMINSTER, COLORADO 80031 303-468-0662 / FAX 303-951-9918

**30mm MagWheel**

SIZE: **B** CAGE CODE: **8000074** DWG. NO: **8000074** REV: **2**

SCALE: 1:1 WEIGHT: 546.88 g SHEET 1 OF 1

\* 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.