



Magswitch Technology, Inc.
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 303-468-0662

Magswitch PLAY50x3 MDC

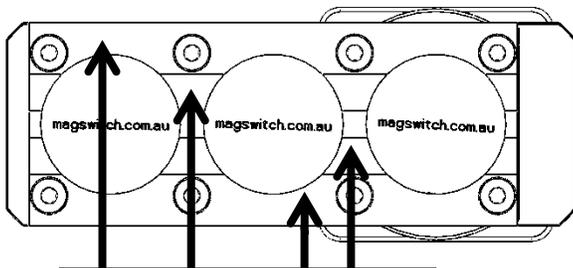
P/N: 8140393

Magswitch LAY series utilizes field interaction between individual magnets to increase depth of field and spread the attractive force over a larger footprint. This allows for greater working loads and increased control over larger work pieces. With customizable pole shoes to fit almost any application, the LAY is a great all around tool that is perfect for picking pipe and round as well as large plate steel.

WARNING!
Do Not Operate Unless In
Contact With Ferrous Target



SPECIFICATIONS	
P/N: 8140393 - MAGSWITCH PLAY50x3 MDC	
Max Breakaway*	1652 lbs/751 kg
Working Load 4:1*	413 lbs/187 kg
Full Saturation Thickness	3/8" / 9.5mm
Max Safe Shear*	169 lbs
Minimum Thickness for De-Stack	3/8" / 9.5mm
Min Actuation Pressure	17.1 psi/1.2x10 ⁵ pa
Max Actuation Pressure	145 psi/1x10 ⁶ pa
Net Weight	17.4 lbs/7.9 kg
Air Port Thread	Rc 1/4
Mounting Thread	M8x1.25
Overall Height	253.82 mm
Magnetic Pole Footprint	165.80x71.12 mm
Actuator Part Number	280018

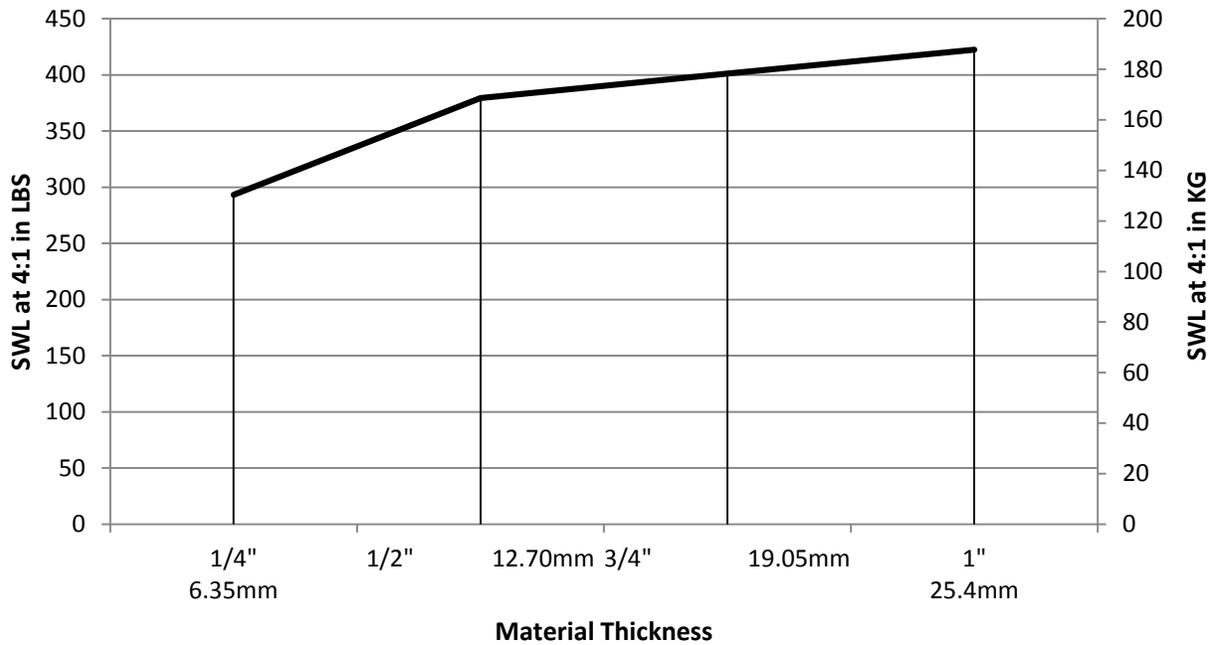


WORKING SURFACE

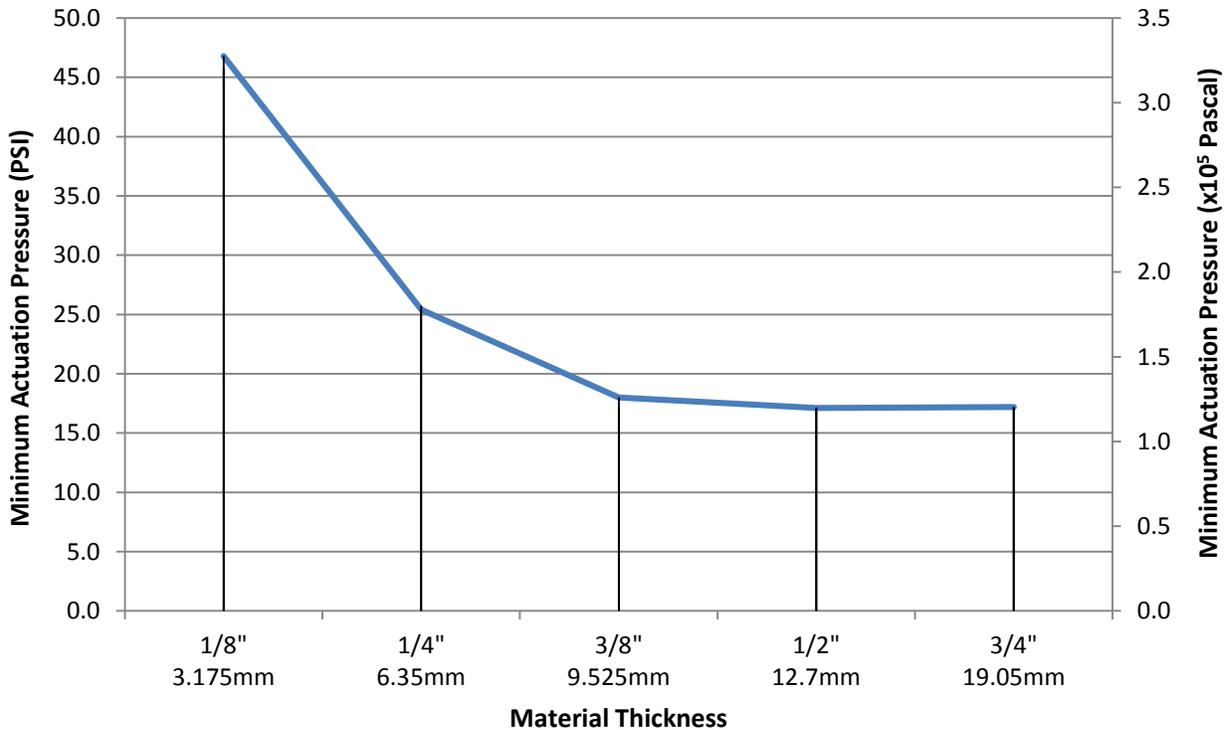
Part Number 110646
 Revision Date: February 21, 2013

* 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.

Magswitch PLAY50x3 MDC Safe Working Load



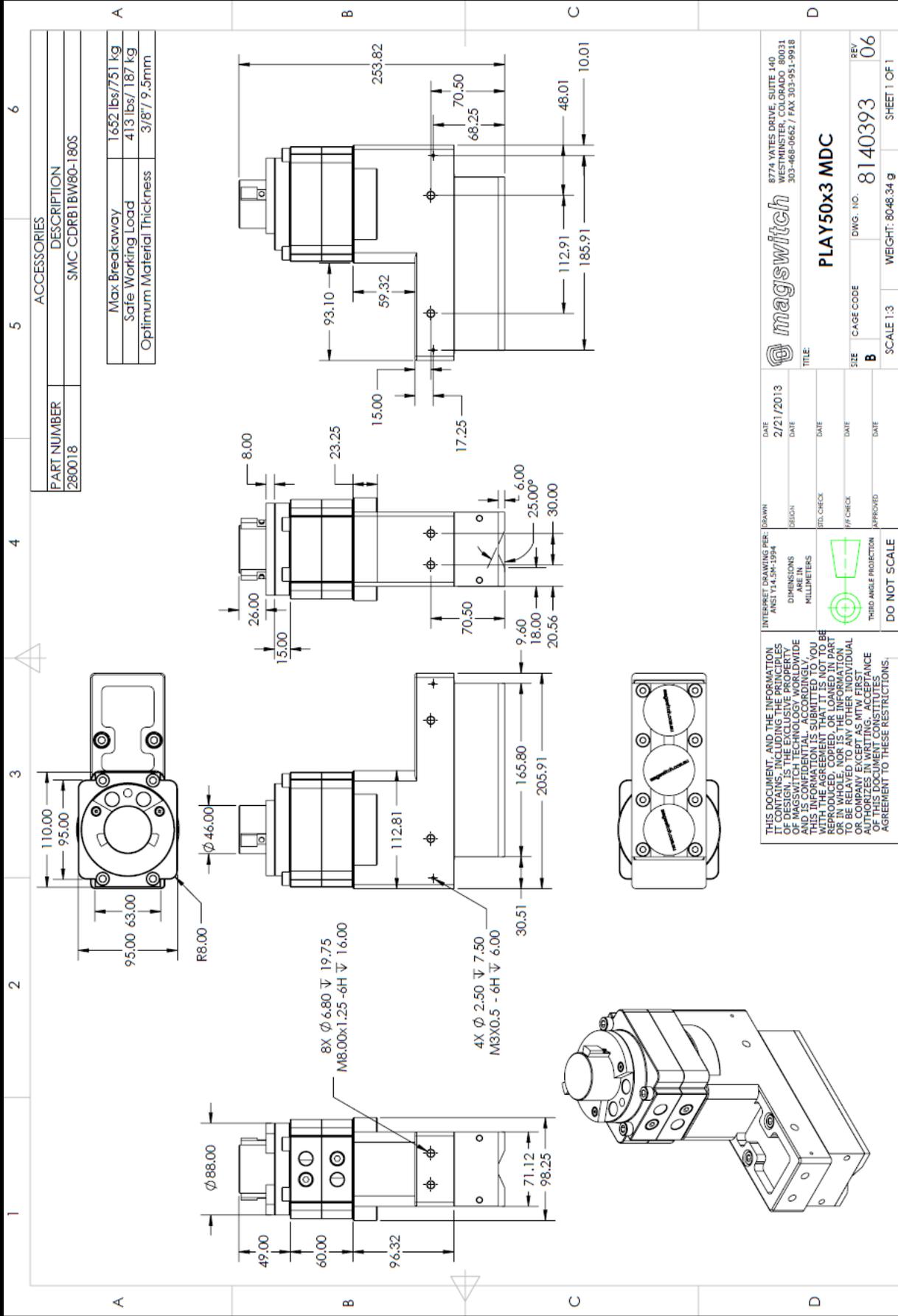
Actuation Vs. Material Thickness



* 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
280018	SMC CDRB1BW80-180S
Max Breakaway	1652 lbs/751 kg
Safe Working Load	413 lbs/187 kg
Optimum Material Thickness	3/8" / 9.5mm

		8774 VATES DRIVE, SUITE 140 WESTMINSTER, COLORADO 80031 303-468-0662 / FAX 303-951-9918	
TITLE: PLAY50x3 MDC			
DATE	2/21/2013	DATE	2/21/2013
DESIGN		DESIGN	
REL. CHECK		REL. CHECK	
RF CHECK		RF CHECK	
APPROVED		APPROVED	
DO NOT SCALE		DO NOT SCALE	
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SIZE	B	DWG. NO.	8140393
SCALE	1:3	WEIGHT	8048.34 g
REV	06	SHEET	1 OF 1

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