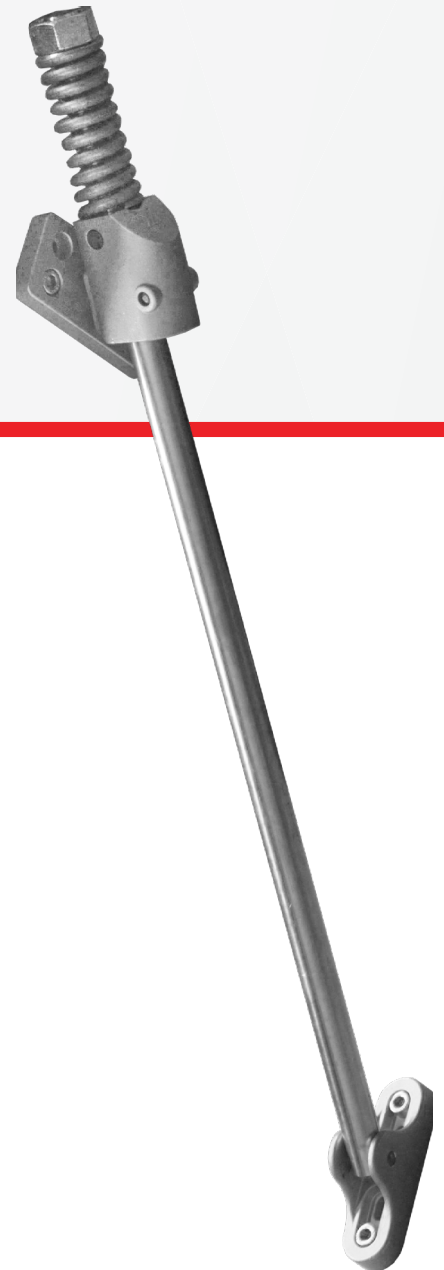


The MICO Surface Mounted Door Stays are a robust, stainless steel adjustable door stay designed to absorb the shocks that are caused by the door being forcibly opened. The door stays are made with easy adjustment in mind, with an adjustable fastener that can be adjusted to allow openings of between 90 and 110 degrees and a hold open tension that can be easily adjusted on-site.

The high quality marine-grade stainless steel construction makes them particularly suited to coastal regions and other areas susceptible to corrosion, acid rain and other hostile weather.



FEATURES

- Surface mounted for quick easy installation
- Robust in-built shock absorption system
- Fully Stainless steel construction for corrosion resistance and durability
- Position to stop at 90° - 110° door opening
- Hold open mechanism, easily adjusted on site

BENEFITS

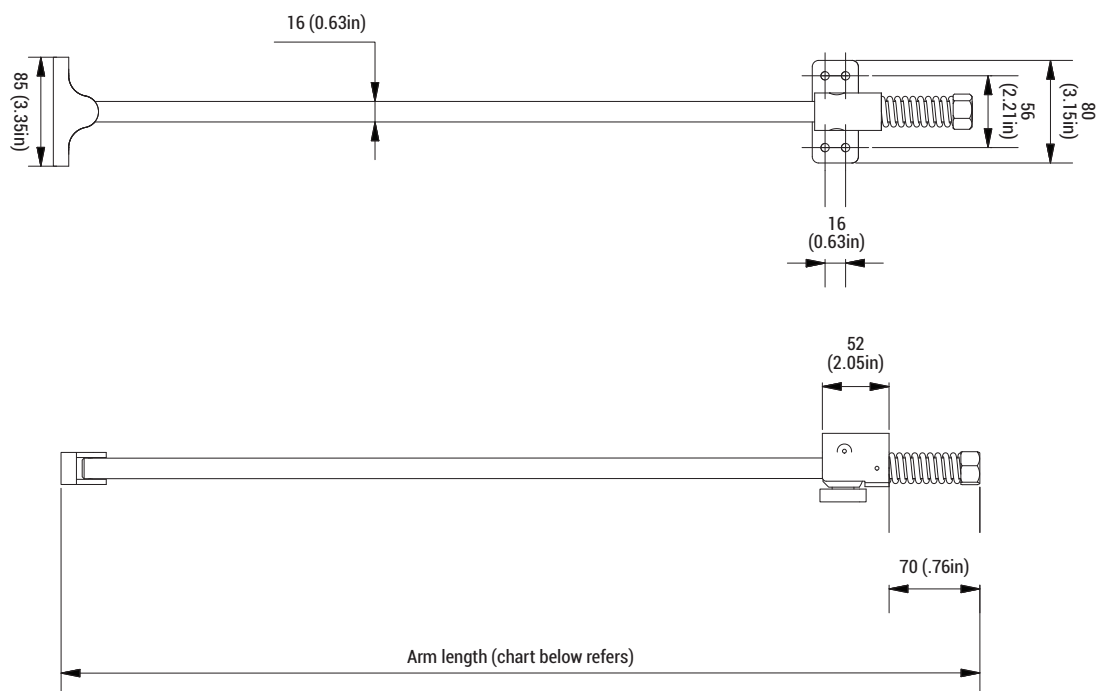
- Available for a wide range of door leaf widths
- Tested to over 1,000,000 cycles
- Designed to stop heavy weight high performance doors

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5							EN 1634-1		
10 MIN									180 SEC					15	RC4	BR4					EN 179	UL752 Level 1-10		GR4	500K
5 MIN									120 SEC						RC3	BR3								GR3	
3 MIN									60 SEC					5	RC2	BR2	SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR2	200K		
1 MIN									30 SEC						RC1	BR1								BS 476-22	GR1

DOOR HOLDER & STOP TECHNICAL DRAWING



SELF CODING SYSTEM

Door Holders & Stops have a structured ordering code that covers the chosen methods of entry, exit and securing, followed by the mounting and orientation codes, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: DH16-500

DOOR STAYS		ARM DIA.	RANGE	ARM LENGTH		DOOR WIDTHS
DH	Door holder	12 mm (1/2")	Medium duty	400	400 mm (16")	550 mm (22") to 700 mm (28")
DS	Door stop	16 mm (5/8")	Heavy duty	500	500 mm (20")	700 mm (28") to 900 mm (36")
				600	600 mm (24")	900 mm (36") to 1050 mm (42")
				700	700 mm (28")	1050 mm (42") to 1200 mm (48")

The Surelock McGill ADO 300 is a heavy duty automatic swing door operator, designed to electronically control the power opening and closing of single and double-leaf doors. The robust, belt driven design can operate doors up to 300 kg (660 lbs), a perfect fit for high performance blast, ballistic and forced entry resistant doors.



The digital programming module enables each door to be customised to meet its specific operational requirements, including compensation for wind and internal building pressure differences. The ADO's DC power supply seamlessly integrates with access control, alarm and locking systems.

FEATURES

- Operates doors up to 300 kg (660 lbs)
- Motor driven opening and closing
- Power supply field programmable 115/230 VAC 50-60 Hz, 5 amp circuit (120 W)
- Working temperature range of -15 °C (5 °F) to 50°C (120 °F)
- 24 VDC/1 A power supply for external locking accessories (electric strikes, maglocks, motorised bolt retraction locks, electric latch retraction)
- Digital programmer sets field operating parameters and displays system diagnostics
- Opening time to 95° is 4-12 seconds, closing time from 95° is 5-15 seconds (field programmable)
- Enclosure environmental rating: IP31

BENEFITS

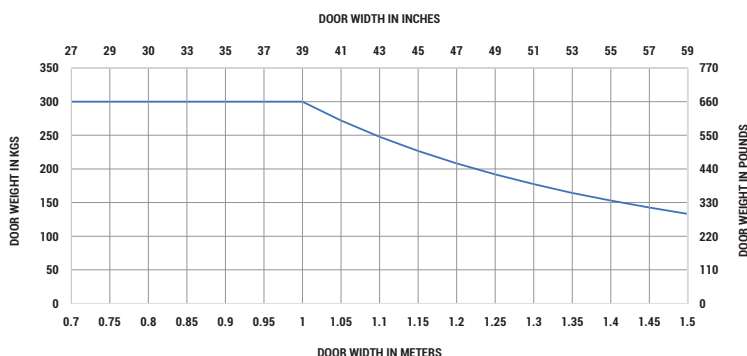
- High degree of site-specific programming options
- Works seamlessly with all Surelock McGill motorised bolt retraction devices
- Capable for use on escape routes
- Provides hands free access solutions when used with motorised locking

OPTIONS

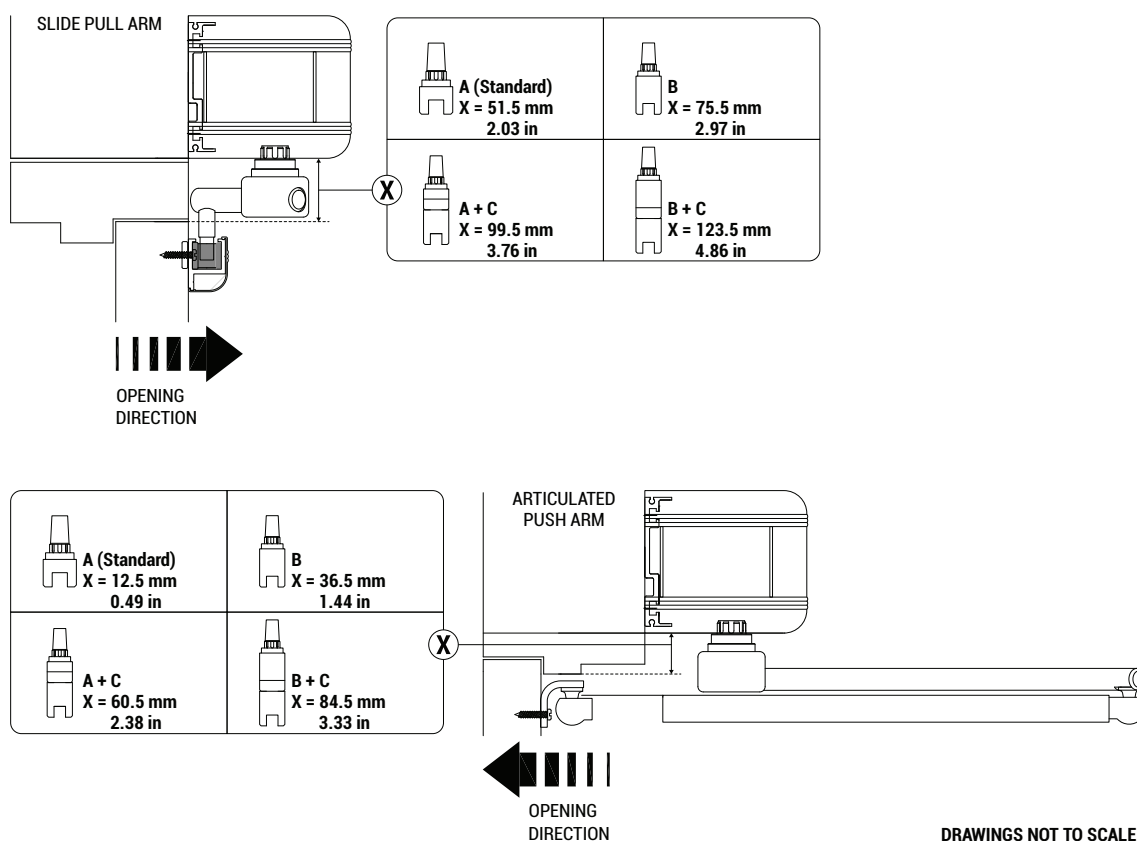
- Arm pivot extensions 'B' & 'C' to suit various applications
- Entry/exit safety sensors and switches
- Finger protection guards
- Operating mode key switches
- Battery backup available, in case of power failure

ADO CHART

Weight vs width for articulated arms. The relation between height and width of a door leaf must be less than 5:1.



SURELOCK ADO 300 TECHNICAL DRAWING



ARM		EXTENSION	X (DIMENSION) SLIDE PULL ARM	X (DIMENSION) ARTICULATED PUSH ARM
CODE	REF			
Std	A	Zero (Datum)	51.5 mm (2.03 in)	12.5 mm (0.49 in)
Ext-B	B	24 mm (0.95 in)	75.5 mm (2.97 in)	36.5 mm (1.42 in)
Ext-C	A + C	48 mm (1.89 in)	99.5 mm (3.76 in)	60.5 mm (2.38 in)
Ext-D	B + C	72 mm (2.84 in)	123.5 mm (4.86 in)	84.5 mm (3.33 in)

REFERENCE STANDARDS

- EN 13849-1 Safety of machinery
- EN 13849-2 Safety of machinery
- EN 61000-6-2 Electromagnetic compatibility
- EN 61000-6-3 Electromagnetic compatibility
- EN 60335-1 Low Voltage Directive (LVD)
- EN 16005 Power operated pedestrian doorsets

Options to be ordered separately - for more information please contact our sales office