

## LIFT-O-MAT<sup>®</sup>

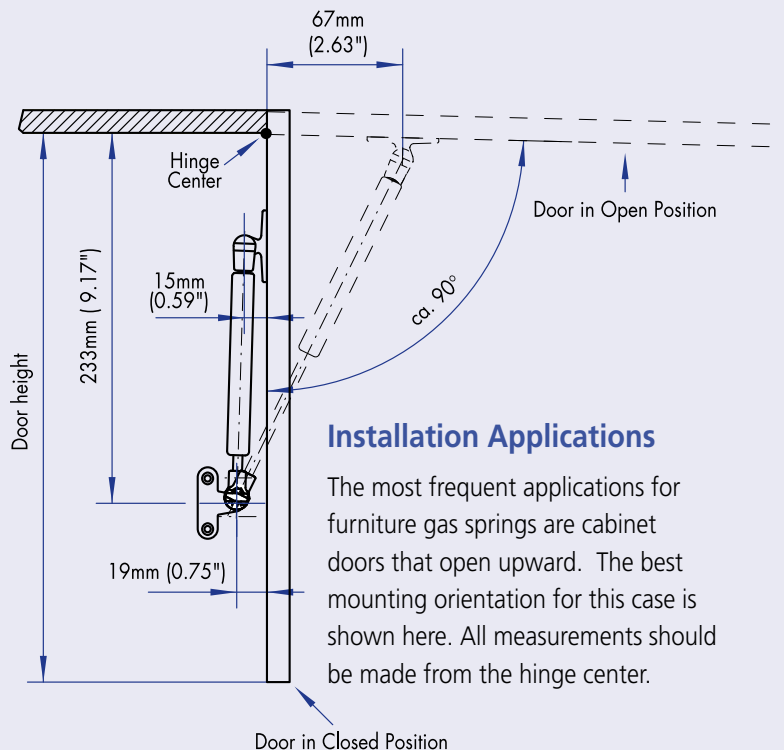
Gas Springs

For Convenient Cabinet Access

### State-of-the-Art Functionality

Stabilus gas springs provide functionality with ultimate design and value. Our Lift-O-Mat<sup>®</sup> product provides the following benefits:

- Effortless opening of doors and lids
- Softer and quieter closing
- Smooth motion and stopping
- Secure holding in open and closed positions
- Easy to mount/install
- Compact and attractive design
- Maintenance free



# Gas Spring Selection Guide

Door weight

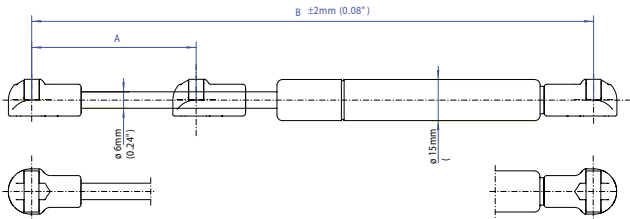
Door height	2 – 3 kg (5 – 7 lb)		3.5 – 4.5 kg (8 – 10 lb)		5 – 6 kg (11 – 13 lb)		6.5 – 9 kg (14 – 20 lb)	
	Quantity	Force	Quantity	Force	Quantity	Force	Quantity	Force
254 – 305 mm (10 – 12 in)	2	100 N (22.5 lb)	2	100 N (22.5 lb)	2	100 N (22.5 lb)	2	150 N (33.7 lb)
330 – 380 mm (13 – 15 in)	2	100 N (22.5 lb)	2	100 N (22.5 lb)	2	100 N (22.5 lb)	2	150 N (33.7 lb)
406 – 457 mm (16 – 18 in)	2	100 N (22.5 lb)	2	100 N (22.5 lb)	2	150 N (33.7 lb)	2	150 N (33.7 lb)
483 – 533 mm (19 – 21 in)	2	100 N (22.5 lb)	2	150 N (33.7 lb)	2	150 N (33.7 lb)	Application Assistance Required	
559 – 610 mm (22 – 24 in)	2	100 N (22.5 lb)	2	150 N (33.7 lb)	2	150 N (33.7 lb)	Application Assistance Required	

**Selection Guide Notes:** The values indicated are guidelines only. We recommend a functional check in the application itself; to take into consideration factors including exact center of gravity position, system friction, handles, etc. The use of different panel materials or different hinges may yield different results.

The forces given are guideline values and refer to the installation situation shown. Any interim levels should be determined by interpolation. The assumed opening angle is approximately 90°.



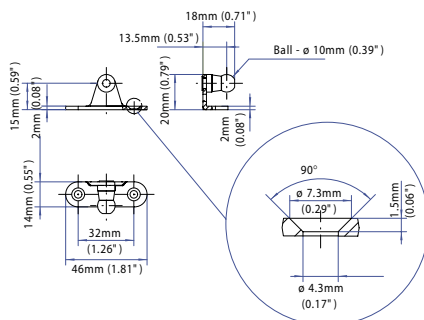
## Gas Springs and End Fittings for Mounting on Cabinet Doors



A	B	Force (F.)	Bulk Pack		Kit Pack*	
			Black	Silver	Black	Silver
80mm (3 <sup>5</sup> / <sub>32</sub> "	235.5mm (7 <sup>1</sup> / <sub>4</sub> "	100 N (22.5 lb) 150 N (33.7 lb)	8879SS 8055SZ	8851SQ 8852SL	5459TY 5461TE	5466TG 5467TB

\*Kit Pack includes (2) Gas Springs, (2) Bracket 6871SU and (2) Bracket 9074RO.

### 6871SU



### 9074RO

