SLIM DOWNWARD OIL STRUT CABINET DOOR LIFT SYSTEM

TCH-312012 DW.240



Features

- Slim design
- Stable downward lift support
- Hinge-required system
- Easy & secure installation
- Application versatility
- Compatible front weight: refer to load charts
- Sold as each

Color options


Silver


White


Dark Gray


Golden

Usage Recommendations

Weight-Based Selection

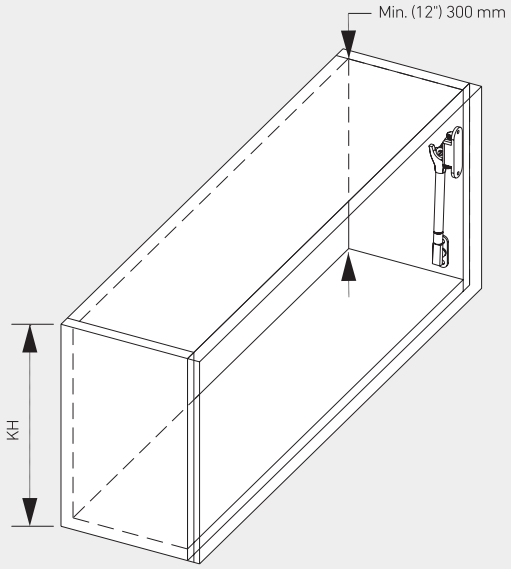
Front Height		Front Width								
		16 inch 400 mm	20 inch 500 mm	24 inch 600 mm	28 inch 700 mm	32 inch 800 mm	36 inch 900 mm	40 inch 1000 mm	44 inch 1100 mm	48 inch 1200 mm
14 inch - 350 mm	Front weight	4.0 lb / 1.8 kg	5.1 lb / 2.3 kg	6.0 lb / 2.7 kg	7.1 lb / 3.2 kg	7.9 lb / 3.6 kg	9.0 lb / 4.1 kg	9.9 lb / 4.5 kg	11.2 lb / 5.1 kg	12.1 lb / 5.5 kg
	Force	50N	50N	60N	80N	80N	50N	50N	60N	60N
	Required QTY	1	1	1	1	1	2	2	2	2
16 inch - 400 mm	Front weight	4.6 lb / 2.1 kg	5.7 lb / 2.6 kg	6.8 lb / 3.1 kg	7.9 lb / 3.6 kg	9.3 lb / 4.2 kg	10.6 lb / 4.8 kg	11.7 lb / 5.3 kg	12.8 lb / 5.8 kg	13.9 lb / 6.3 kg
	Force	60N	80N	80N	50N	60N	60N	80N	80N	80N
	Required QTY	1	1	1	2	2	2	2	2	2
18 inch - 450 mm	Front weight	5.3 lb / 2.4 kg	6.6 lb / 3.0 kg	7.7 lb / 3.5 kg	9.0 lb / 4.1 kg	10.4 lb / 4.7 kg	11.7 lb / 5.3 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg	15.4 lb / 7.0 kg
	Force	80N	50N	50N	60N	80N	80N	100N	100N	100N
	Required QTY	1	2	2	2	2	2	2	2	2
20 inch - 500 mm	Front weight	5.7 lb / 2.6 kg	7.3 lb / 3.3 kg	8.6 lb / 3.9 kg	10.1 lb / 4.6 kg	11.5 lb / 5.2 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg		
	Force	80N	50N	60N	80N	80N	100N	100N		
	Required QTY	1	2	2	2	2	2	2		
22 inch - 550 mm	Front weight	6.4 lb / 2.9 kg	7.9 lb / 3.6 kg	9.5 lb / 4.3 kg	11.0 lb / 5.0 kg	12.8 lb / 5.8 kg				
	Force	50N	60N	80N	100N	100N				
	Required QTY	2	2	2	2	2				
24 inch - 600 mm	Front weight	7.1 lb / 3.2 kg	8.6 lb / 3.9 kg	10.4 lb / 4.7 kg						
	Force	60N	80N	100N						
	Required QTY	2	2	2						

Note:
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m³ | Imperial: = 0.026 lb/in³). Values shown are estimates and should be verified against the actual door weight for final product selection.

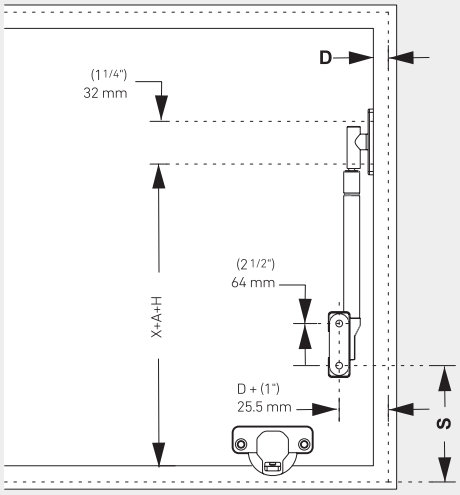
© 2026 TOUCH CABINETS HARDWARE, INC.

GENERAL INFORMATIONS

Cabinet specification



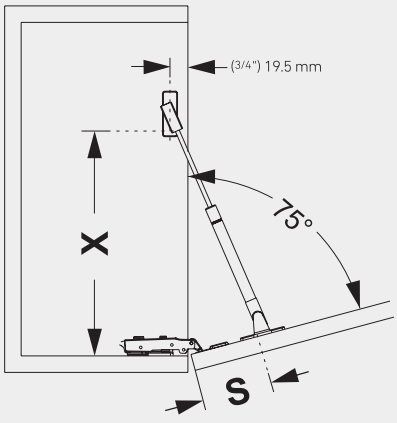
KH (14") 350 mm - (24") 600 mm



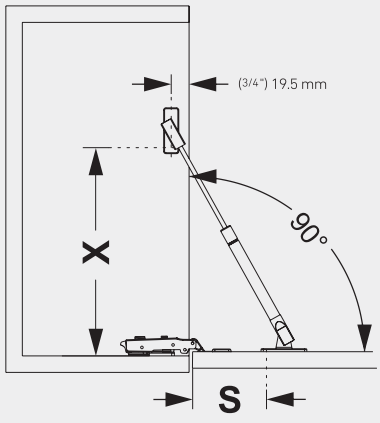
A = Hinge Arm Crank
- Straight Arm Crank: A = 0 mm
- Half-Cranked Arm: A = 9.5 mm
- Full-Cranked Arm: A = 18 mm

X = Lift arm mounting point
S = Door mounting point
H = Mounting plate height
D = Overlay

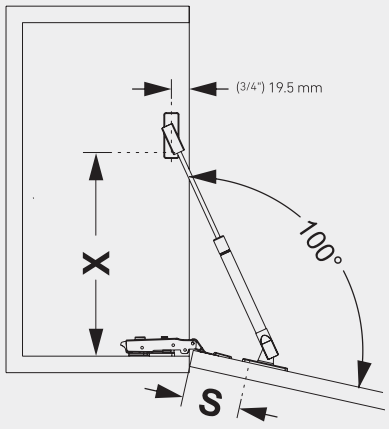
Installation according to opening angle



S = (2 7/8") 73 mm
X = (9 13/16") 250 mm



S = (2 5/8") 66 mm
X = (9 1/16") 230 mm



S = (2") 50mm
X = (8 7/8") 225 mm

© 2026 TOUCH CABINETS HARDWARE, INC.