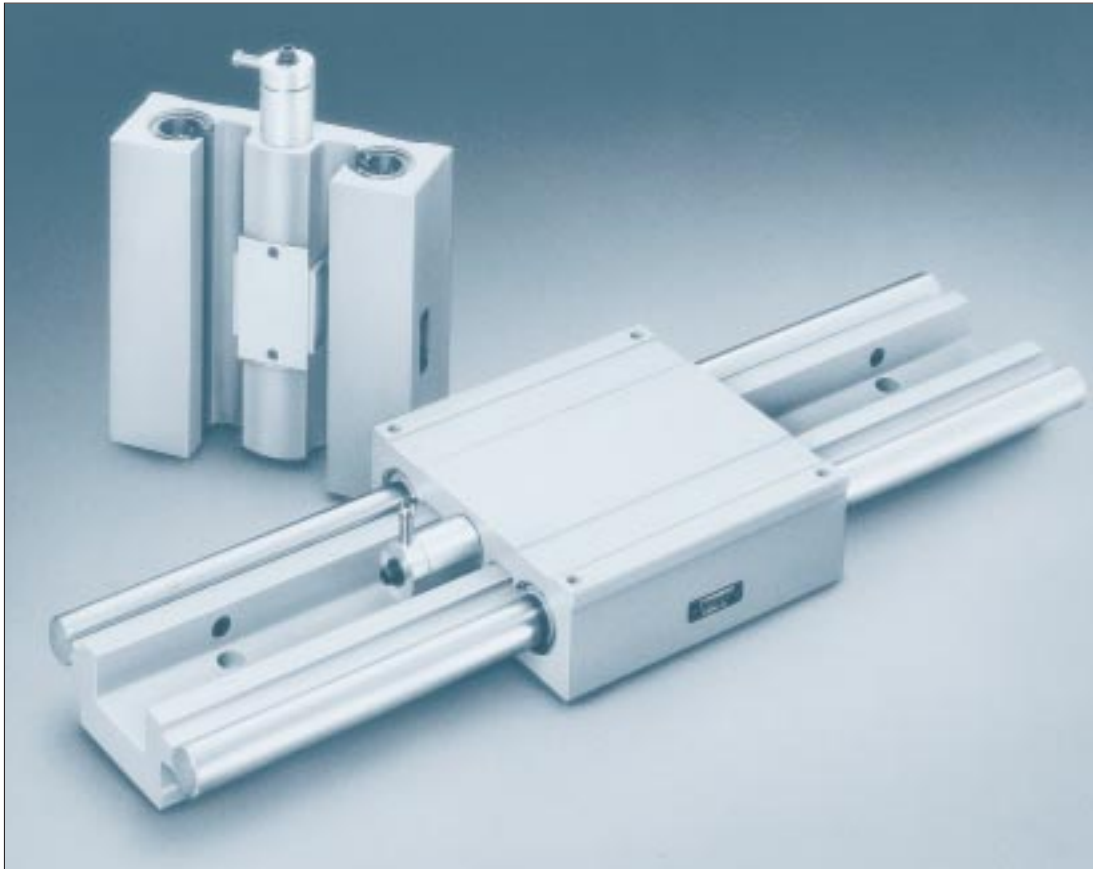


2DA QuickSlide System with Brake

A manual locking mechanism for the Dual Shaft Rail System



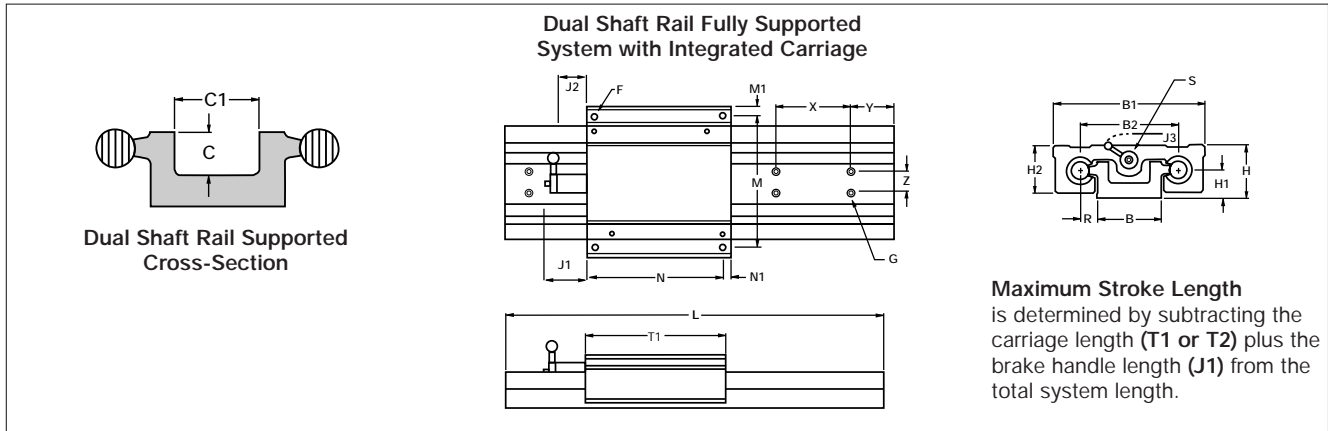
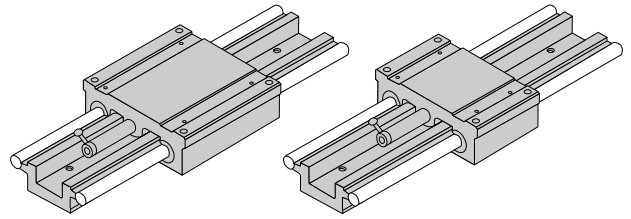
2DA QuickSlide* System with Brake offers:

- A manual locking mechanism with infinite positioning capability.
- No carriage mounting surface deflection when the locking mechanism is activated.
- Immediate off-the-shelf availability in 1/2, 3/4 and 1 inch sizes.
- A locking mechanism that, when activated, will not apply an increase in load on the system's Ball Bushing* bearing.
- Zero axial movement during the activation of the locking mechanism.
- A fully supported Dual Shaft assembly for maximum rigidity and unlimited travel.
- High load capacity in any direction.

2DA QuickSlide[®] System with Brake

Dual Shaft Rail Fully Supported System

with Integrated Carriage and Locking Mechanism



Dual Shaft Rail Fully Supported System with Integrated Carriage (Long Style)													(Dimensions in inches)	
Part Number	Nom. Shaft Dia.	Max. Load on System ⁽¹⁾ (lbf)	Max. Load on One Bearing ⁽¹⁾ (lbf)	T1	H	H1	H2	B	R	B1	B2	C	C1	
2DA-08-OOL	½	600	150	4.50	1.625	0.875	1.43	2.00	0.500	4.60	3.00	0.64	1.25	
2DA-12-OOL	¾	1880	470	6.00	2.125	1.125	1.93	2.63	0.688	6.10	4.00	0.75	1.62	
2DA-16-OOL	1	3120	780	7.50	2.625	1.375	2.44	3.25	0.875	7.60	5.00	0.99	2.00	

⁽¹⁾ For rated travel life of 2 million inches.

Note: Manual Brake can be adjusted in order to position handle to any radial location.

Dual Shaft Rail Support Material: Aluminum Alloy Black Anodized. Standard length of one-piece Aluminum Dual Shaft Rails is 72".

Dual Shaft Rail Fully Supported System with Integrated Carriage (Long Style)													(Dimensions in inches)		
Part Number	N	N1	M	M1	X	Y	Z	J1	J2	J3	F	G		Max. Stroke Length	Carriage Part No.
												Bolt	Hole		
2DA-08-OOL	4.00	0.25	4.00	0.30	4.00	2.00	0.75	1.63	1.19	0.88	#10-23	¼	0.28	L-(6.13)	DSRC-08-SL
2DA-12-OOL	5.25	0.37	5.25	0.42	6.00	3.00	1.00	1.63	1.19	1.00	¼-20	⅜	0.34	L-(7.63)	DSRC-12-SL
2DA-16-OOL	6.75	0.37	6.75	0.42	6.00	3.00	1.25	1.63	1.19	1.00	⅝-18	⅜	0.41	L-(9.13)	DSRC-16-SL

Dual Shaft Rail Fully Supported System with Integrated Carriage (Short Style)					
Part Number	Nom. Shaft Dia.	T2	N2	Max. Stroke Length	Carriage Part No.
2DA-08-OOM	½	3.50	3.00	L-(5.13)	DSRC-08-SM
2DA-12-OOM	¾	4.50	3.75	L-(6.13)	DSRC-12-SM
2DA-16-OOM	1	6.00	5.25	L-(7.63)	DSRC-16-SM

QuickSlide Brake Holding Force	
System	Axial Holding Force (lbf.)
2DA-08	125
2DA-12	130
2DA-16	140

System 2DA Standard Lengths														(Lengths in inches)	
System	8"	12"	16"	18"	20"	24"	28"	30"	32"	36"	40"	42"	44"	48"	
2DA-08	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
2DA-12		■		■		■		■		■		■		■	

Custom Lengths and Delivery Information

Systems ordered in standard lengths and longer lengths in increments of (X) are typically shipped in two to three weeks. Custom length systems are available and require three to four weeks for delivery. For special requirements, please contact the Thomson **Systems** application engineering department.