

**SDTSB-70 weighs 13.42 kg/m. Sold as singles****Drilling pattern**

Part number	Closed Length:L	Extension Length:D	Load per Pair: kg	"A"	"B"	"C"
4015.SDTSB070.0200	200	200	420	50	-	-
4015.SDTSB070.0250	250	250	430	50	-	50
4015.SDTSB070.0300	300	300	440	50	-	100
4015.SDTSB070.0350	350	350	450	50	-	150
4015.SDTSB070.0400	400	400	460	50	-	200
4015.SDTSB070.0450	450	450	470	50	-	250
4015.SDTSB070.0500	500	500	480	50	-	300
4015.SDTSB070.0550	550	550	490	50	-	350
4015.SDTSB070.0600	600	600	500	50	-	400
4015.SDTSB070.0650	650	650	510	50	200	-
4015.SDTSB070.0700	700	700	520	50	225	-
4015.SDTSB070.0750	750	750	530	50	250	-
4015.SDTSB070.0800	800	800	540	50	275	-
4015.SDTSB070.0850	850	850	526	50	300	-
4015.SDTSB070.0900	900	900	512	50	325	-
4015.SDTSB070.0950	950	950	490	50	350	-
4015.SDTSB070.1000	1000	1000	476	50	375	-
4015.SDTSB070.1050	1050	1050	462	50	400	-
4015.SDTSB070.1100	1100	1100	455	50	425	-
4015.SDTSB070.1150	1150	1150	441	50	450	-
4015.SDTSB070.1200	1200	1200	427	50	475	-
4015.SDTSB070.1250	1250	1250	420	50	500	-
4015.SDTSB070.1300	1300	1300	406	50	525	-
4015.SDTSB070.1350	1350	1350	385	50	550	-
4015.SDTSB070.1400	1400	1400	364	50	575	-
4015.SDTSB070.1450	1450	1450	343	50	600	-
4015.SDTSB070.1500	1500	1500	322	50	625	-
4015.SDTSB070.1550	1550	1550	294	50	650	-
4015.SDTSB070.1600	1600	1600	266	50	675	-
4015.SDTSB070.1650	1650	1650	245	50	700	
4015.SDTSB070.1700	1700	1700	238	100	650	
4015.SDTSB070.1750	1750	1750	220	100	675	
4015.SDTSB070.1800	1800	1800	210	100	700	
4015.SDTSB070.1850	1850	1850	196	100	725	
4015.SDTSB070.1900	1900	1900	178	100	750	
4015.SDTSB070.1950	1950	1950	168	100	775	
4015.SDTSB070.2000	2000	2000	154	100	800	

We do not recommend standard DTSB slides on automated/variable robotic pick & place or high speed shuttles. Factory adaptation and customer in situ testing is necessary. Operating speeds <0.3m/s. Consult our engineers

Options:

- 'F' - One mounting beam countersunk
- 'FF' - Both beams countersunk
- 'V' - V shaped raceways (bi-directional slides)

Bespoke length, drilling pattern & extension on request

Do not dismantle the slide! ⚠

The maximum safe working load is stated for a fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.

Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.

Deflection is calculated at approx 1% of the closed length, at or near full load capacity.



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If mounting on the indirect axis, flat, as in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams. If load capacities need to be increased, please contact us for technical advice.

Material: All austenitic stainless steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball bearings: Stainless 316L (1.4404)

Ball cages: Stainless 316L (1.4404)

End bolts & stopping pins: Stainless A2 304 (1.4301)

Surface treatment: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}\text{C}$ with suitable lubrication & material yield strength reduction

Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request

Thread pitches: As per end profile image - coarse