



SDDTS-90 weighs 38.42 kg/m. Sold as singles				Drilling pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.SDDTS090.0300	300	600	276	50	-	100
4015.SDDTS090.0350	350	700	288	50	-	150
4015.SDDTS090.0400	400	800	306	50	-	200
4015.SDDTS090.0450	450	900	318	50	-	250
4015.SDDTS090.0500	500	1000	330	50	-	300
4015.SDDTS090.0550	550	1100	345	50	-	350
4015.SDDTS090.0600	600	1200	360	50	-	400
4015.SDDTS090.0650	650	1300	366	50	200	-
4015.SDDTS090.0700	700	1400	372	50	225	-
4015.SDDTS090.0750	750	1500	375	50	250	-
4015.SDDTS090.0800	800	1600	378	50	275	-
4015.SDDTS090.0850	850	1700	375	50	300	-
4015.SDDTS090.0900	900	1800	372	50	325	-
4015.SDDTS090.0950	950	1900	369	50	350	-
4015.SDDTS090.1000	1000	2000	366	50	375	-
4015.SDDTS090.1050	1050	2100	351	50	400	-
4015.SDDTS090.1100	1100	2200	342	50	425	-
4015.SDDTS090.1150	1150	2300	333	50	450	-
4015.SDDTS090.1200	1200	2400	321	50	475	-
4015.SDDTS090.1250	1250	2500	312	50	500	-
4015.SDDTS090.1300	1300	2600	300	50	525	-
4015.SDDTS090.1350	1350	2700	288	50	550	-
4015.SDDTS090.1400	1400	2800	276	50	575	-
4015.SDDTS090.1450	1450	2900	264	50	600	-
4015.SDDTS090.1500	1500	3000	252	50	625	-
4015.SDDTS090.1550	1550	3100	243	50	650	-
4015.SDDTS090.1600	1600	3200	234	50	675	-



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 stainless steel parts

**Beams:** Stainless 316L (1.4404) cold drawn & precision milled

**Ball bearings:** Stainless 316L (1.4404)

**Ball cages:** Stainless 430 Ferritic (1.4016)

**End bolts:** Stainless A2 304 (1.4301)

**Surface treatment:** Polished

**Temperature range:** Cryogenic to  $\approx 800^{\circ}$  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

#### 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.