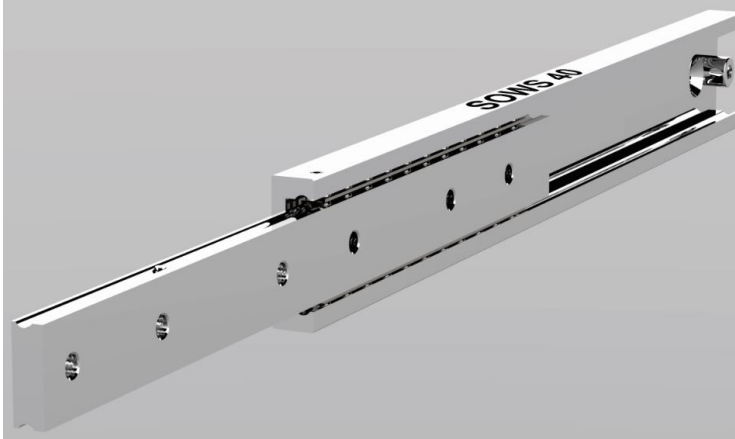


SOWS-40 weighs 4.15 kg/m. Sold as singles				Drilling pattern		
Part number	Closed Length: L	Extension Length :D	Load per Pair :kg	"A"	"B"	"C"
4015.SOWS040.0200	200	100	280	50	-	-
4015.SOWS040.0250	250	125	290	50	-	50
4015.SOWS040.0300	300	150	300	50	-	100
4015.SOWS040.0350	350	175	310	50	-	150
4015.SOWS040.0400	400	200	320	50	-	200
4015.SOWS040.0450	450	225	330	50	-	250
4015.SOWS040.0500	500	250	340	50	-	300
4015.SOWS040.0550	550	275	320	50	150	-
4015.SOWS040.0600	600	300	300	50	175	-
4015.SOWS040.0650	650	325	280	50	200	-
4015.SOWS040.0700	700	350	260	50	225	-
4015.SOWS040.0750	750	375	240	50	250	-
4015.SOWS040.0800	800	400	220	50	275	-
4015.SOWS040.0850	850	425	210	50	300	-
4015.SOWS040.0900	900	450	200	50	325	-
4015.SOWS040.0950	950	475	190	50	350	-
4015.SOWS040.1000	1000	500	180	50	375	-
4015.SOWS040.1050	1050	525	170	50	400	-
4015.SOWS040.1100	1100	550	160	50	425	-
4015.SOWS040.1150	1150	575	150	50	450	-
4015.SOWS040.1200	1200	600	140	50	475	-
4015.SOWS040.1250	1250	625	130	50	500	-
4015.SOWS040.1300	1300	650	120	50	525	-
4015.SOWS040.1350	1350	675	110	50	550	-
4015.SOWS040.1400	1400	700	100	50	575	-
4015.SOWS040.1450	1450	725	90	50	600	-
4015.SOWS040.1500	1500	750	80	50	625	-
4015.SOWS040.1550	1550	775	70	50	650	-
4015.SOWS040.1600	1600	800	60	50	675	-



**Options:**

- 'F' - One mounting beam countersunk
- 'FF' - Both beams countersunk
- 'V' - V shaped raceways (bi-directional slides)
- '70' - 70% over-extension of standard slide

Bespoke length, drilling pattern & extension on request

**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)

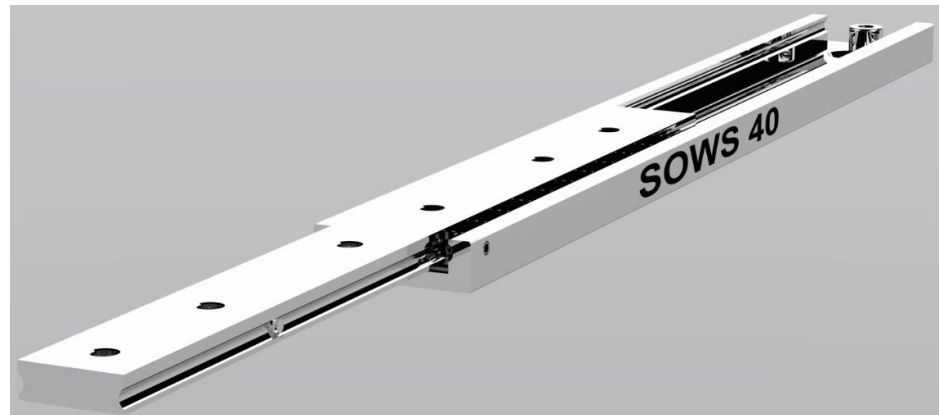
**End bolts:** Stainless A2 304 (1.4301)

**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



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.

**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.

