



OWS-50 weighs 5.33kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.OWS050.0150	150	75	310	50	-	-
4015.OWS050.0200	200	100	330	50	-	-
4015.OWS050.0250	250	125	340	50	-	50
4015.OWS050.0300	300	150	360	50	-	100
4015.OWS050.0350	350	175	380	50	-	150
4015.OWS050.0400	400	200	400	50	-	200
4015.OWS050.0450	450	225	420	50	-	250
4015.OWS050.0500	500	250	440	50	-	300
4015.OWS050.0550	550	275	460	50	150	-
4015.OWS050.0600	600	300	470	50	175	-
4015.OWS050.0650	650	325	480	50	200	-
4015.OWS050.0700	700	350	485	50	225	-
4015.OWS050.0750	750	375	475	50	250	-
4015.OWS050.0800	800	400	460	50	275	-
4015.OWS050.0850	850	425	450	50	300	-
4015.OWS050.0900	900	450	435	50	325	-
4015.OWS050.0950	950	475	420	50	350	-
4015.OWS050.1000	1000	500	400	50	375	-
4015.OWS050.1050	1050	525	385	50	400	-
4015.OWS050.1100	1100	550	365	50	425	-
4015.OWS050.1150	1150	575	340	50	450	-
4015.OWS050.1200	1200	600	320	50	475	-

**Options:**

- 'F' - One mounting beam countersunk
- 'FF' - Both beams countersunk
- 'SB' - Stainless steel 316L ball bearings
- 'SC' - Stainless steel ball cages
- 'SA' - Stainless end bolts & retaining pins
- 'V' - V shaped raceways (bi-directional slides)
- '70' - 70% over-extension of standard slide

**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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Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.OWS050.1250	1250	625	300	50	-	-
4015.OWS050.1300	1300	650	280	50	-	-
4015.OWS050.1350	1350	675	270	50	-	50
4015.OWS050.1400	1400	700	260	50	-	100
4015.OWS050.1450	1450	725	250	50	-	150
4015.OWS050.1500	1500	750	240	50	-	200
4015.OWS050.1550	1550	775	230	50	-	250
4015.OWS050.1600	1600	800	220	50	-	300
4015.OWS050.1650	1650	825	200	50	150	-
4015.OWS050.1700	1700	850	180	50	175	-
4015.OWS050.1750	1750	875	160	50	200	-
4015.OWS050.1800	1800	900	140	50	225	-
4015.OWS050.1850	1850	925	120	50	250	-
4015.OWS050.1900	1900	950	100	50	275	-
4015.OWS050.1950	1950	975	80	50	300	-
4015.OWS050.2000	2000	1000	70	50	325	-



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 steel parts/no plastics

**Beams:** Cold drawn carbon steel C45E+C. EN 10277 milled raceways

**Ball bearings:** Chromed steel C85, G100. Din 5401

**Ball cages:** Zinc plated sheet steel. Laser cut profiles

**End bolts:** Steel ASTM A307

**Surface Protection:** Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 120 hours. No red rust within 1,032 hours

**Temperature range:** Steel slides -20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion

**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

