



DOWS-100 weighs 32.8kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length : L	Extension Length: D	Load per pair (kg)	"A"	"B"	"C"
4015.DOWS100.0300	300	300	1000	50	-	
4015.DOWS100.0350	350	350	1030	50	-	50
4015.DOWS100.0400	400	400	1070	50	-	100
4015.DOWS100.0450	450	450	1130	50	-	150
4015.DOWS100.0500	500	500	1180	50	-	200
4015.DOWS100.0550	550	550	1230	50	-	250
4015.DOWS100.0600	600	600	1290	50	-	300
4015.DOWS100.0650	650	650	1310	50	150	-
4015.DOWS100.0700	700	700	1340	50	175	-
4015.DOWS100.0750	750	750	1360	50	200	-
4015.DOWS100.0800	800	800	1380	100	150	-
4015.DOWS100.0850	850	850	1365	100	175	-
4015.DOWS100.0900	900	900	1350	100	200	-
4015.DOWS100.0950	950	950	1330	100	225	-
4015.DOWS100.1000	1000	1000	1300	100	250	-
4015.DOWS100.1050	1050	1050	1270	100	275	-
4015.DOWS100.1100	1100	1100	1240	100	300	-
4015.DOWS100.1150	1150	1150	1220	100	325	-
4015.DOWS100.1200	1200	1200	1180	100	350	-
4015.DOWS100.1250	1250	1250	1160	100	375	-
4015.DOWS100.1300	1300	1300	1140	100	400	-
4015.DOWS100.1350	1350	1350	1120	100	425	-
4015.DOWS100.1400	1400	1400	1100	100	450	-
4015.DOWS100.1450	1450	1450	1080	100	475	-
4015.DOWS100.1500	1500	1500	1060	100	500	-
4015.DOWS100.1550	1550	1550	1040	100	525	-
4015.DOWS100.1600	1600	1600	1020	100	550	

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)
- '120' - 120% 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.

DOWS-100 weighs 32.8kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair (kg)	"A"	"B"	"C"
4015.DOWS100.1650	1650	1650	1000	100	575	-
4015.DOWS100.1700	1700	1700	980	100	600	-
4015.DOWS100.1750	1750	1750	960	100	625	-
4015.DOWS100.1800	1800	1800	940	100	650	-
4015.DOWS100.1850	1850	1850	920	100	675	-
4015.DOWS100.1900	1900	1900	880	100	700	-
4015.DOWS100.1950	1950	1950	840	100	725	-
4015.DOWS100.2000	2000	2000	800	100	750	-
4015.DOWS100.2050	2050	2050	760	100	775	-
4015.DOWS100.2100	2100	2100	720	100	800	-
4015.DOWS100.2150	2150	2150	680	100	825	-
4015.DOWS100.2200	2200	2200	660	100	850	-
4015.DOWS100.2250	2250	2250	630	100	875	-
4015.DOWS100.2300	2300	2300	600	100	900	-
4015.DOWS100.2350	2350	2350	570	100	925	-
4015.DOWS100.2400	2400	2400	540	100	950	-
4015.DOWS100.2450	2450	2450	510	100	975	-
4015.DOWS100.2500	2500	2500	480	100	1000	-
4015.DOWS100.2550	2550	2550	460	100	1025	-
4015.DOWS100.2600	2600	2600	440	100	1050	-
4015.DOWS100.2700	2700	2700	420	100	1100	-
4015.DOWS100.2800	2800	2800	400	100	1150	-
4015.DOWS100.2900	2900	2900	380	100	1200	-
4015.DOWS100.3000	3000	3000	360	100	1250	-

**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



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.

