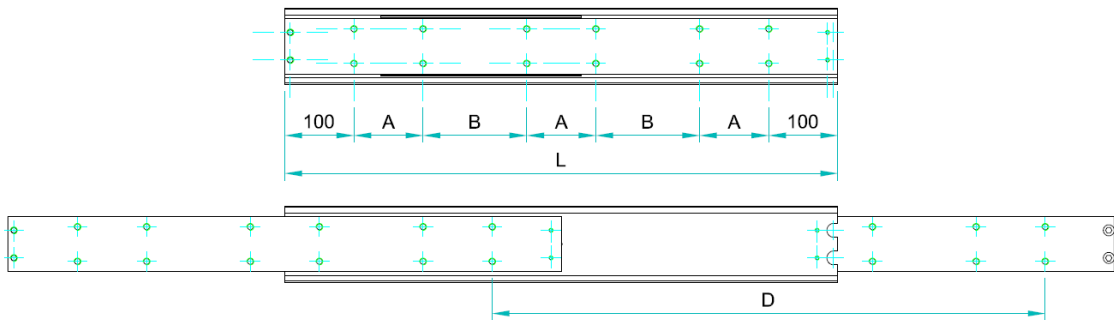
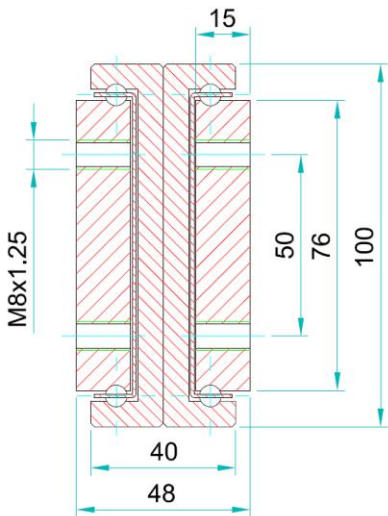




Options:

- "H" – Hardened raceways
- "V" – V shape channel raceways
- "SB"- stainless steel ball bearings
- "SC"- stainless steel ball cages
- "SA"- stainless steel stopping pins and bolts



DOWS-10048 weights 32.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DOWS10048.0300	300	300	1000	50	-	-
DOWS10048.0350	350	350	1030	50	-	50
DOWS10048.0400	400	400	1070	50	-	100
DOWS10048.0450	450	450	1130	50	-	150
DOWS10048.0500	500	500	1180	50	-	200
DOWS10048.0550	550	550	1230	50	-	250
DOWS10048.0600	600	600	1290	50	-	300
DOWS10048.0650	650	650	1310	50	150	-
DOWS10048.0700	700	700	1340	50	175	-
DOWS10048.0750	750	750	1360	50	200	-
DOWS10048.0800	800	800	1380	100	150	-
DOWS10048.0850	850	850	1365	100	175	-
DOWS10048.0900	900	900	1350	100	200	-
DOWS10048.0950	950	950	1330	100	225	-
DOWS10048.1000	1000	1000	1300	100	250	-
DOWS10048.1050	1050	1050	1270	100	275	-
DOWS10048.1100	1100	1100	1240	100	300	-
DOWS10048.1150	1150	1150	1220	100	325	-
DOWS10048.1200	1200	1200	1180	100	350	-

**Do not dismantle the slide!**

The maximum safe working load is stated for 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 up to 2% of the closed length, at or near full load capacity.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DOWS-10048 weights 32.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
DOWS10048.1250	1250	1250	1160	100	375	-
DOWS10048.1300	1300	1300	1140	100	400	-
DOWS10048.1350	1350	1350	1120	100	425	-
DOWS10048.1400	1400	1400	1100	100	450	-
DOWS10048.1450	1450	1450	1080	100	475	-
DOWS10048.1500	1500	1500	1060	100	500	-
DOWS10048.1550	1550	1550	1040	100	525	-
DOWS10048.1600	1600	1600	1020	100	550	-
DOWS10048.1650	1650	1650	1000	100	575	-
DOWS10048.1700	1700	1700	980	100	600	-
DOWS10048.1750	1750	1750	960	100	625	-
DOWS10048.1800	1800	1800	940	100	650	-
DOWS10048.1850	1850	1850	920	100	675	-
DOWS10048.1900	1900	1900	880	100	700	-
DOWS10048.1950	1950	1950	840	100	725	-
DOWS10048.2000	2000	2000	800	100	750	-

Indirect Axis (Flat) Mounting: 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, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.**Beams:** Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.**Ball cages:** Zinc plated sheet steel. Laser cut profiles.**Ball bearings:** C85, G100: DIN 5401 (Chromed).**End Bolts:** ASTM A307.

Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 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

Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production

Thread pitches: As per end profile image - coarse

