



QSR7-70 weighs 14.12 kg/m. Sold as singles				Drilling pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.QSR70.0300	300	450	234	50		100
4015.QSR70.0350	350	525	243	50		150
4015.QSR70.0400	400	600	252	50		200
4015.QSR70.0450	450	675	256	50		250
4015.QSR70.0500	500	750	265	50		300
4015.QSR70.0550	550	825	274	50	150	-
4015.QSR70.0600	600	900	279	50	175	-
4015.QSR70.0650	650	975	270	50	200	-
4015.QSR70.0700	700	1050	261	50	225	-
4015.QSR70.0750	750	1125	252	50	250	-
4015.QSR70.0800	800	1200	243	50	275	-
4015.QSR70.0850	850	1275	234	50	300	-
4015.QSR70.0900	900	1350	225	50	325	-
4015.QSR70.0950	950	1425	216	50	350	-
4015.QSR70.1000	1000	1500	204	50	375	-
4015.QSR70.1050	1050	1575	192	50	400	-
4015.QSR70.1100	1100	1650	180	50	425	-
4015.QSR70.1150	1150	1725	170	50	450	-
4015.QSR70.1200	1200	1800	162	50	475	-
4015.QSR70.1250	1250	1875	153	50	500	-
4015.QSR70.1300	1300	1950	144	50	525	-
4015.QSR70.1350	1350	2025	135	50	550	-
4015.QSR70.1400	1400	2100	126	50	575	-
4015.QSR70.1450	1450	2175	117	50	600	-
4015.QSR70.1500	1500	2250	108	50	625	-
4015.QSR70.1550	1550	2325	99	50	650	-
4015.QSR70.1600	1600	2400	90	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 $\approx 800^{\circ}\text{C}$ 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

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Options:

'F' - One mounting beam countersunk

'FF' - Both beams countersunk

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.