

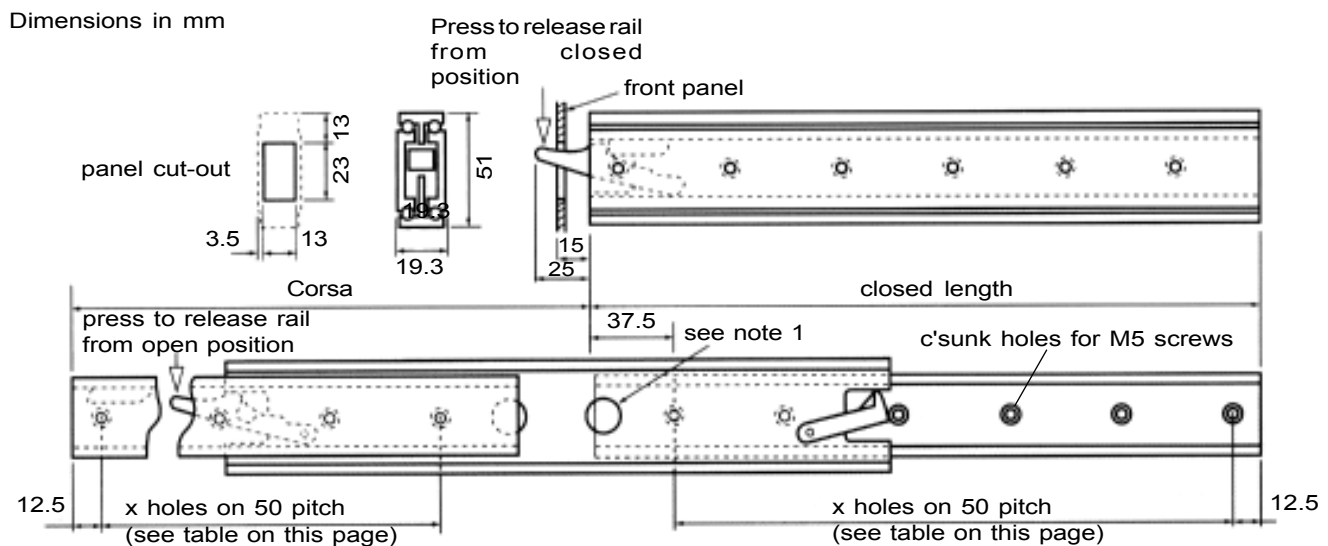
ALUMINUM TELESCOPIC RAILS

LTA51BS, LTA51BD Series

The LTA51BS and LTA51BD are a pair of ball bearing rails with a complete integral latching system.

The photograph shows the latching lever which automatically engages in studs both when the rail is fully extended and when fully closed. In the presence of a front panel, space must be made for the projecting lever in the panel itself. The design is symmetrical and the central "I" shaped beam gives the slide excellent load carrying ability.

A row of ball bearings concealed in nylon cages ensure smooth and easy operation.



note 1: Ø15 mm holes in center beam allow easy access to fixing holes.

AVAILABILITY

Available in seven lengths as shown below. All incorporate 30 mm over-extension, thus effectively covering depths from around 300 mm to 630 mm.

Special requests can be discussed with our Technical Department.

STANDARD LENGTHS - LTA51BS, LTA51BD Series

Closed length in mm

300 350 400 450 500 550 600

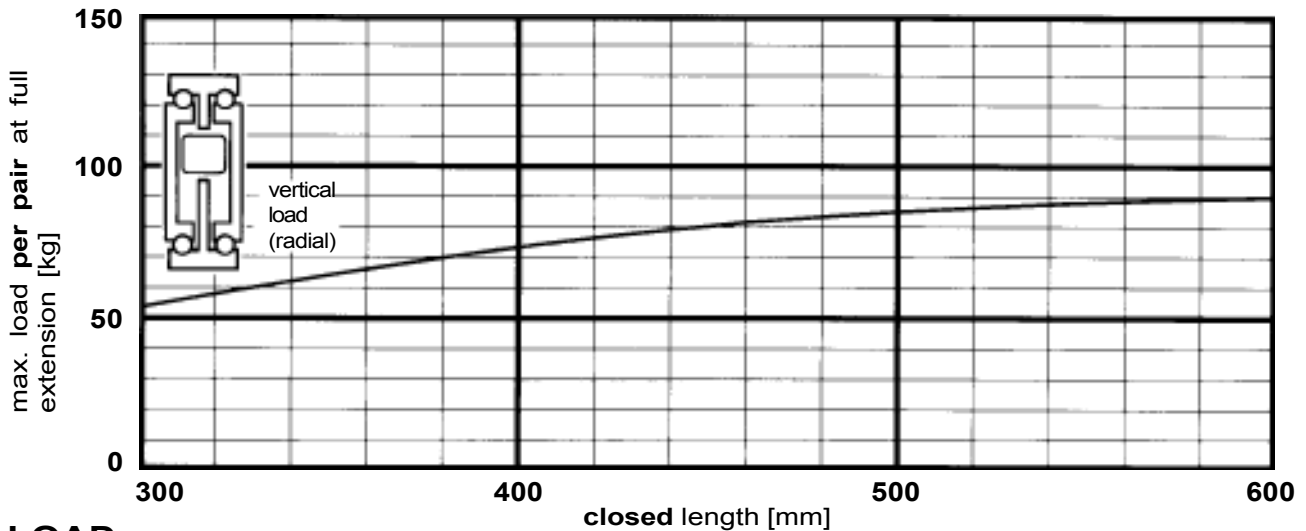
Stroke in mm

330 380 430 480 530 580 630

No. of holes in each beam (x)

6 7 8 9 10 11 12

Cabinet depth must allow for latch space.



LOAD

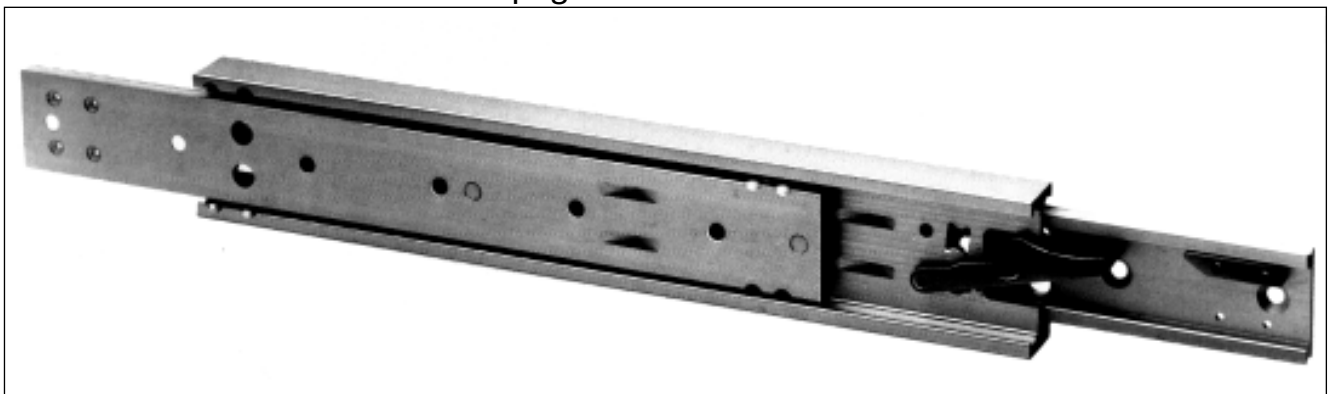
This graph assumes a uniformly distributed load acting radially on a pair of rails which are rigidly attached throughout their length to the structure. The maximum load is governed by both the sag of the extended rail and the strength of the other rail components. The result is a slide whose load capacity increases with length over the standard range. The loads indicated are based on a maximum rail deflection of 7 mm and a maximum opening force of 8 kg.

SPECIFICATIONS

- All beams are made from anodized aluminum alloy
- Latch components diecast in zinc alloy
- Ball bearings inside nylon cages allow the sliding movement.
- Maximum operating temperature 70°C.
- Weight 3.4 kg/m per pair.

OPTIONS

- LTA51 are similar but do not incorporate a built in latch. See page 20.
- LTA51ES and LTA51ED are similar but incorporate a built in latch which operates when the slide is fully extended. See page 24.
- LTA34.. are a smaller version. See pages 14-16-18.



ORDER CODES

LTA51BS - 300

