

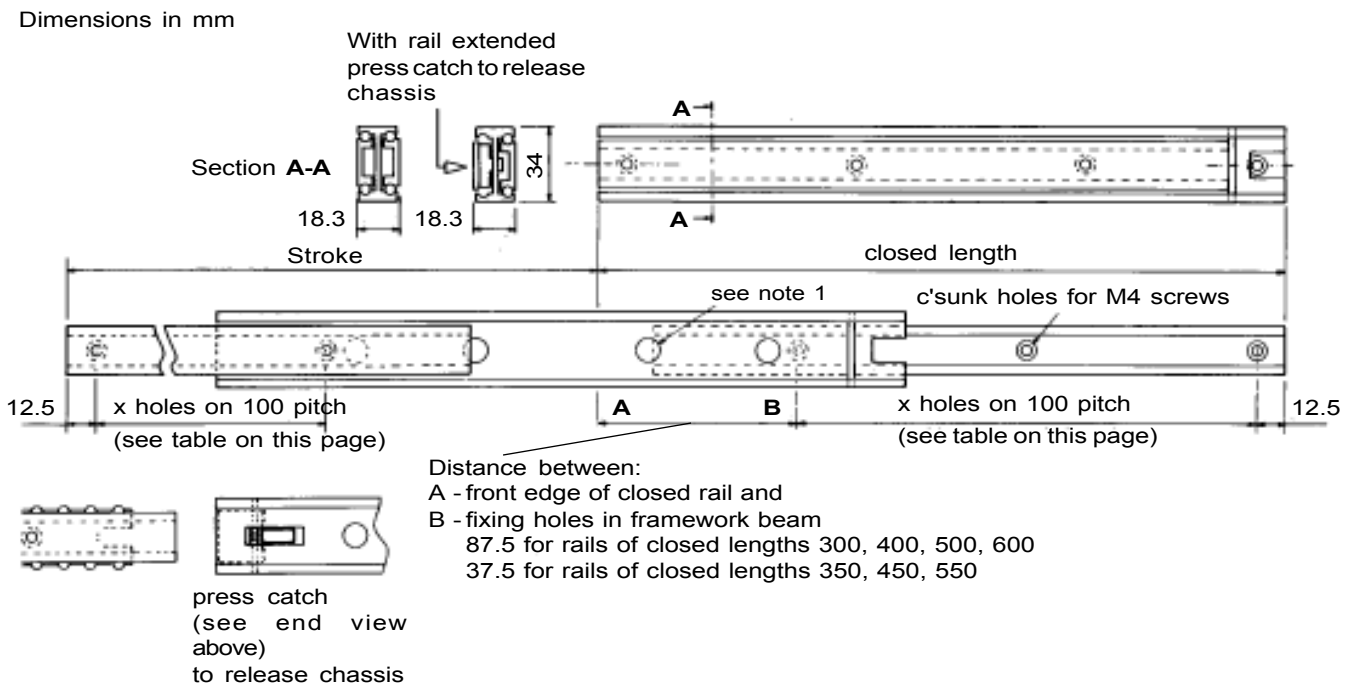
ALUMINUM TELESCOPIC RAILS

LTA34R Series

The LTA34R series telescopic are small aluminum alloy three-beam ball bearing rails. The chassis is easily removable. The mechanical properties of both beams give the rail excellent load-carrying capabilities.

Ball bearings, held in a steel cage, ensure smooth and easy operation.

Simple depression of the front catch releases the chassis beam enabling removal.



note 1: \varnothing 10 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 - LTA34R Series

Closed length in mm

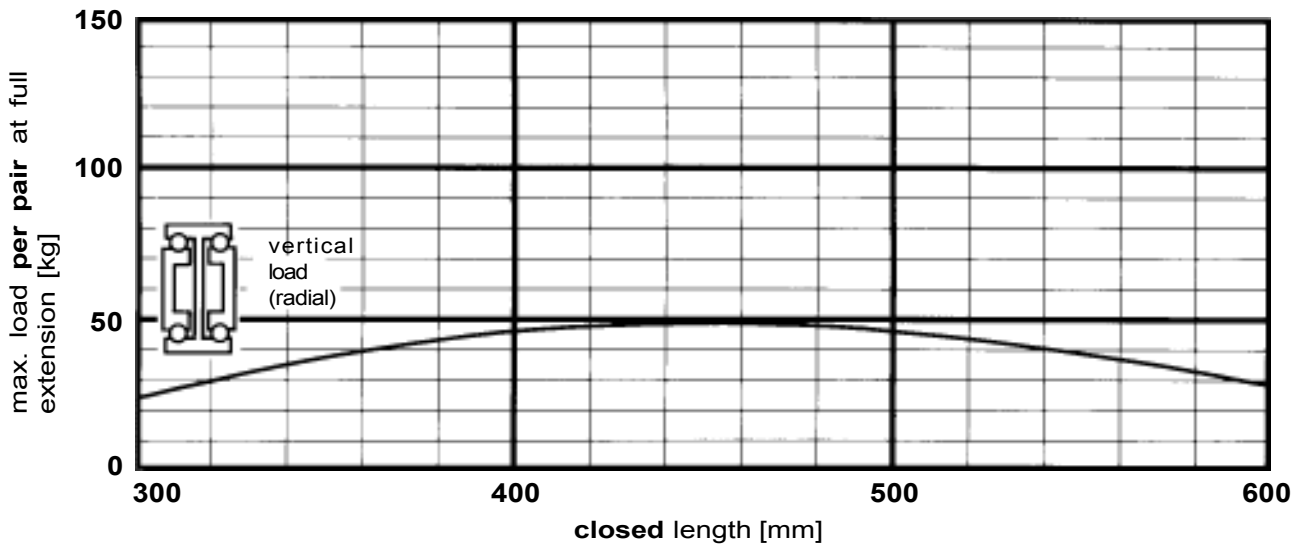
300 350 400 450 500 550 600

Stroke in mm

330 380 430 480 530 580 630

No. of holes in each beam (x)

3 4 4 5 5 6 6



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 rail whose load capacity increases with lengths up to 450 mm, after which the inverse ratio applies. The loads indicated are based on a maximum rail deflection of 8 mm and a maximum opening force of 7 kg.

SPECIFICATIONS

- All beams are made from anodized aluminum alloy.
- Ball bearings inside steel cages allow the sliding movement.
- Maximum operating temperature 70°C.
- Weight 2 kg/m per pair.

OPTIONS

- LTA34 are similar but do not incorporate the spring stop that allows the beam to be removed. See page 14.
- LTA34BT are similar but incorporate a system that locks the rail open or closed. See page 18.
- LNA34.. is a two beam version. See pages 8-10.
- LTA51.. are larger and offer complete telescopic movement (Stroke longer than the length of the closed rail). See pages 20-22-24.



ORDER CODES

LTA34R - 300

