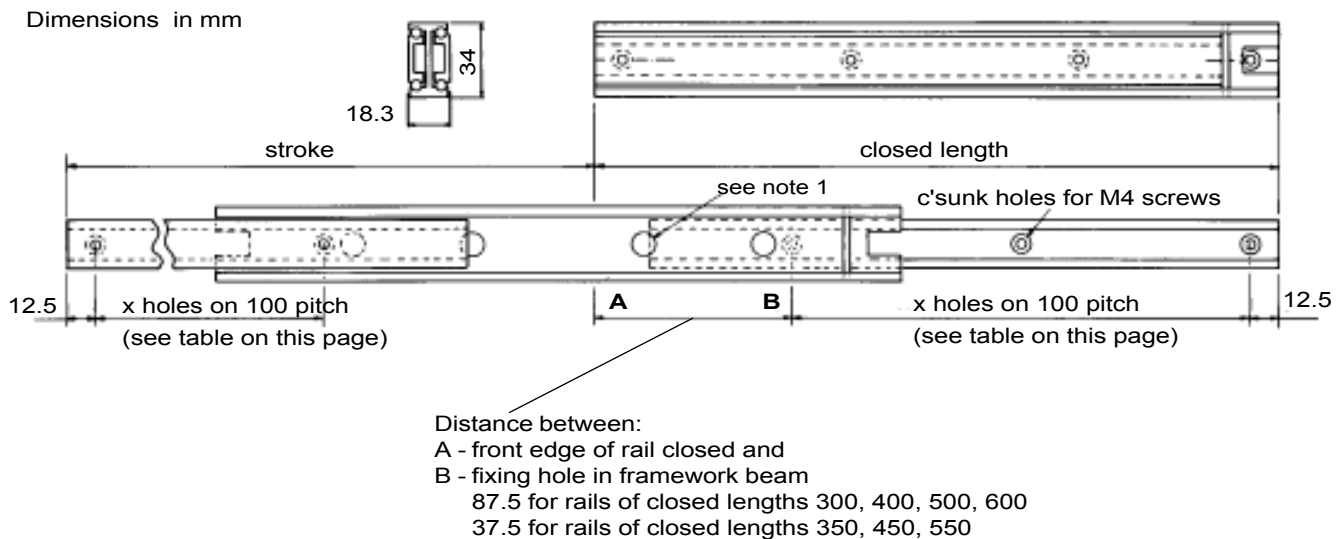


# ALUMINUM TELESCOPIC RAILS

## LTA34 Series

The LTA34 telescopic series are small aluminum alloy, three-beam ball bearing rails. The “I” shaped chassis holds the two “C” shaped beams. The mechanical properties of both beams give the rail excellent load-carrying capabilities. Ball bearings, held in steel cages, ensure smooth and easy operation.



note 1: Ø10 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.

### STANDARD LENGTHS - LTA34 Series

*Closed length (in mm)*

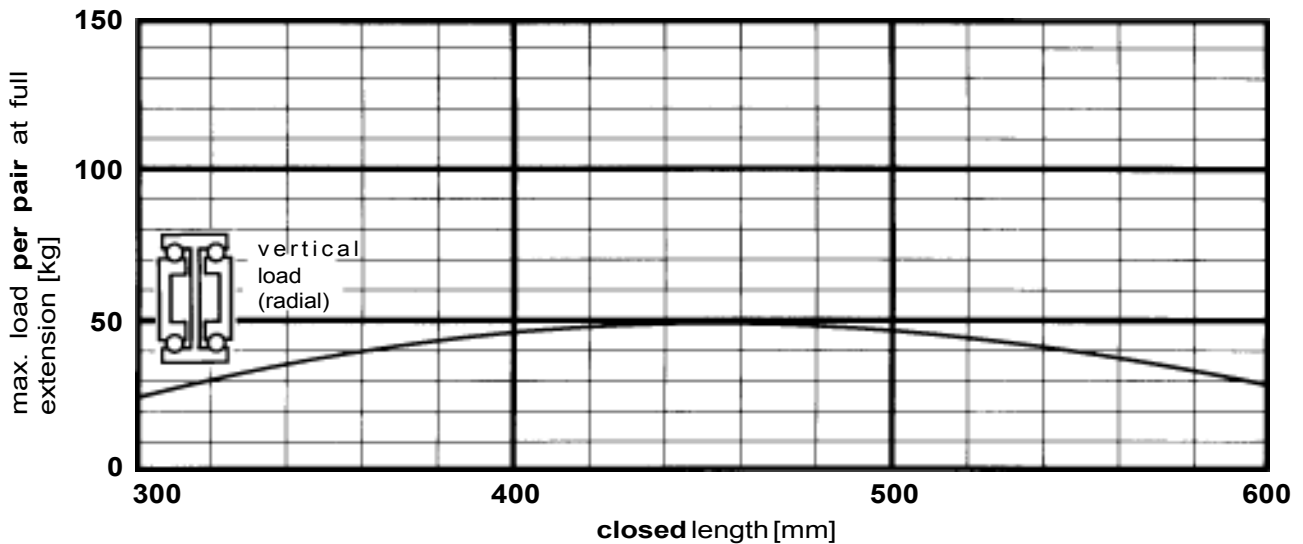
300 350 400 450 500 550 600

*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**

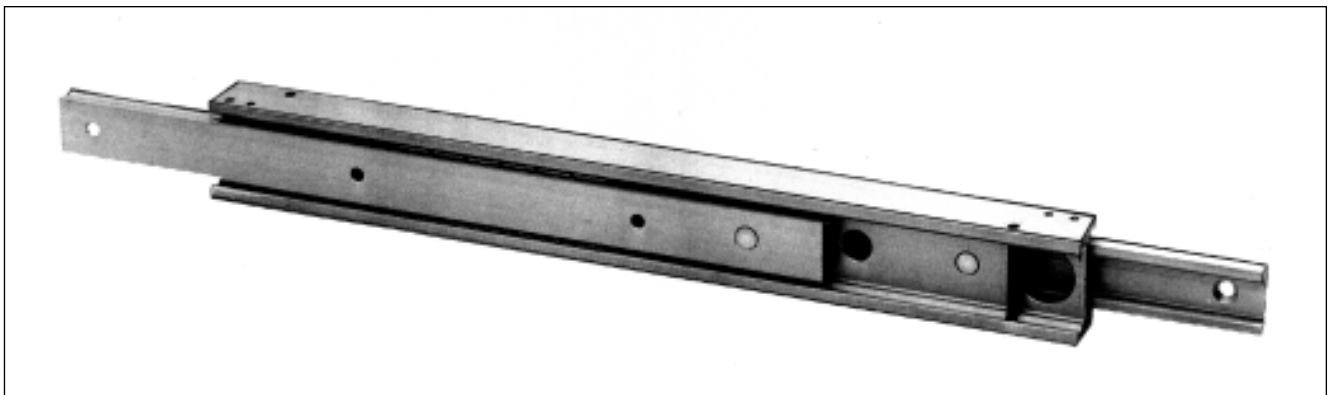
This graph assumes a uniformly distributed load acting radially on a pair of rails which are rigidly attached throughout their length to the structure. The maximum load is governed by both the sag of the extended rail and the strength of the other rails components. The result is a rail whose load capacity 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**

LTA34R are similar but incorporate a spring stop that allows the beam to be removed. See page 16.  
 LTA34BT are similar but incorporate a system that locks the rail open or closed. See page 18.  
 LTA51.. are larger and offer complete telescopic movement (Stroke longer than the length of the closed rail). See pages 20-22-24.



**ORDER CODES**

**LTA34 - 300**

