

Lift Door Closers

Guide Rail Door Closers, Koni Door Closer

DICTATOR furnishes various lift door closers for replacement purposes. There are door closers for guide rails and the Koni door closers.

The **guide rail door closers** are either fitted into the door from above or into the frame from below. Depending on where the door closer is fitted, the door can open up to 160° (see dimensioned drawings).

The closing movement is damped hydraulically. It can be adjusted with a screw.

All lift door closers for guide rails can be used on both left and right hand doors because the operating arm can be attached to the axle of the door closer from either above or below.

The operating arm is prestressed by about 20° to ensure the complete and reliable closing of the door.

The operating arm is supplied with the door closer.

The **Koni door closer** is inserted into the door frame. Its closing speed is also adjustable.



Types

LS-C(eita) lift door closer

Lift door closer LX

Phantom PH 90 lift door closer

Koni lift door closer



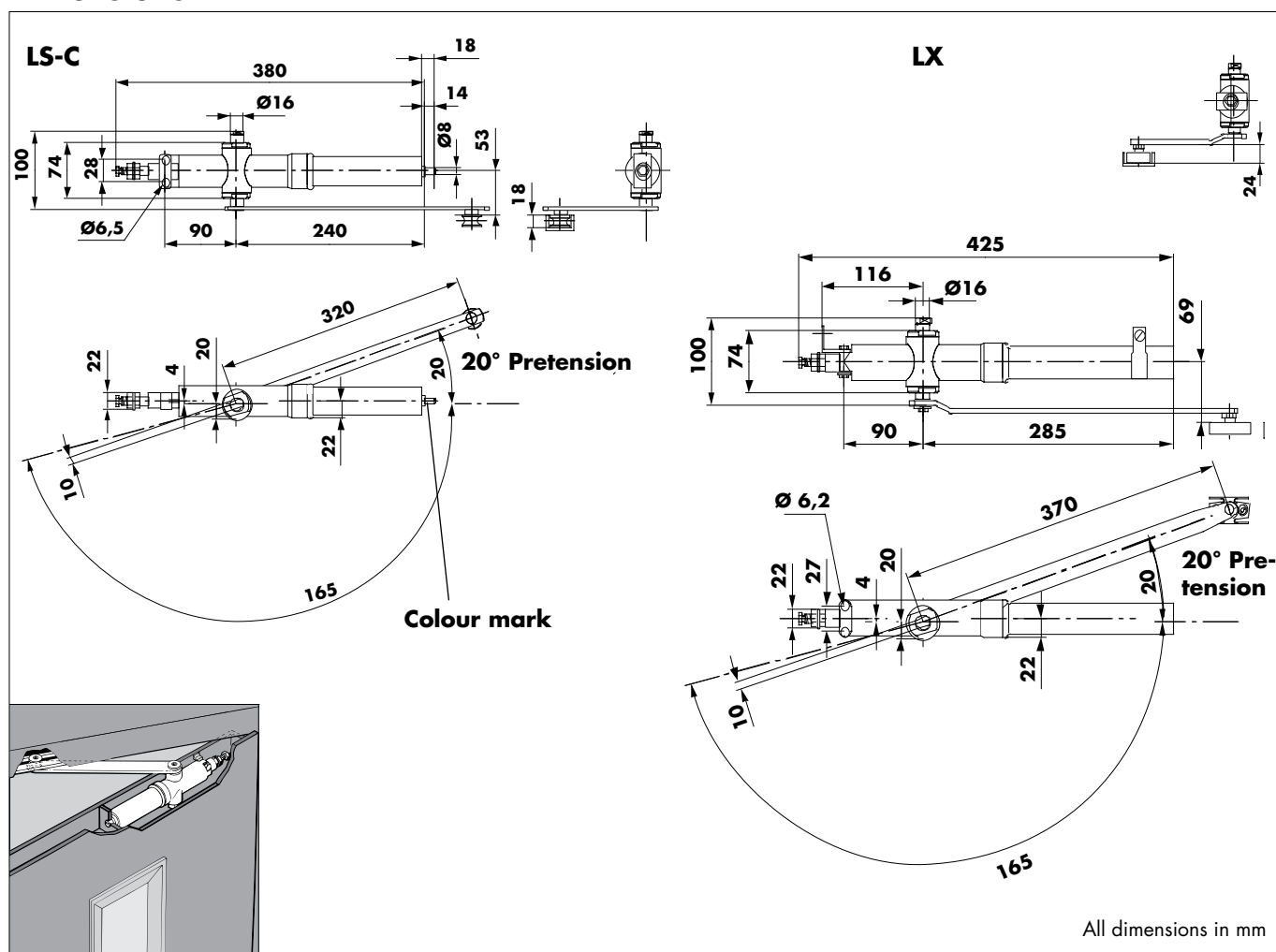
LS-C Lift Door Closer (also Replacement for the LS), LX

The **LS-C** lift door closer is mainly used on **Italien doors**, the **LX** type is for replacement in **Otis doors**. They can be used on both left and right hinged doors.

The LS-C lift door closer is fixed to the door with 2 M6 screws which are inserted horizontally through the 2 fixing holes of the door closer. In case of the LX the fixing holes are vertical.

The LS-C is also used as a **replacement for the LS door closer**. However, please note that the **LS-C can only be fixed from the front** whereas the LS could also be fixed from above. If necessary, the fixing has to be modified slightly.

Dimensions



Order Information

Model	Closing force**	Part no.
LS-C Standard (red*)	20 N - 30 N	205121
LS-C with light spring (blue*)	15 N - 20 N	205122
LX with normal spring	21 N	600008

(* see colour mark)

** measured on the operating arm: first value at 0°, second value at 90°



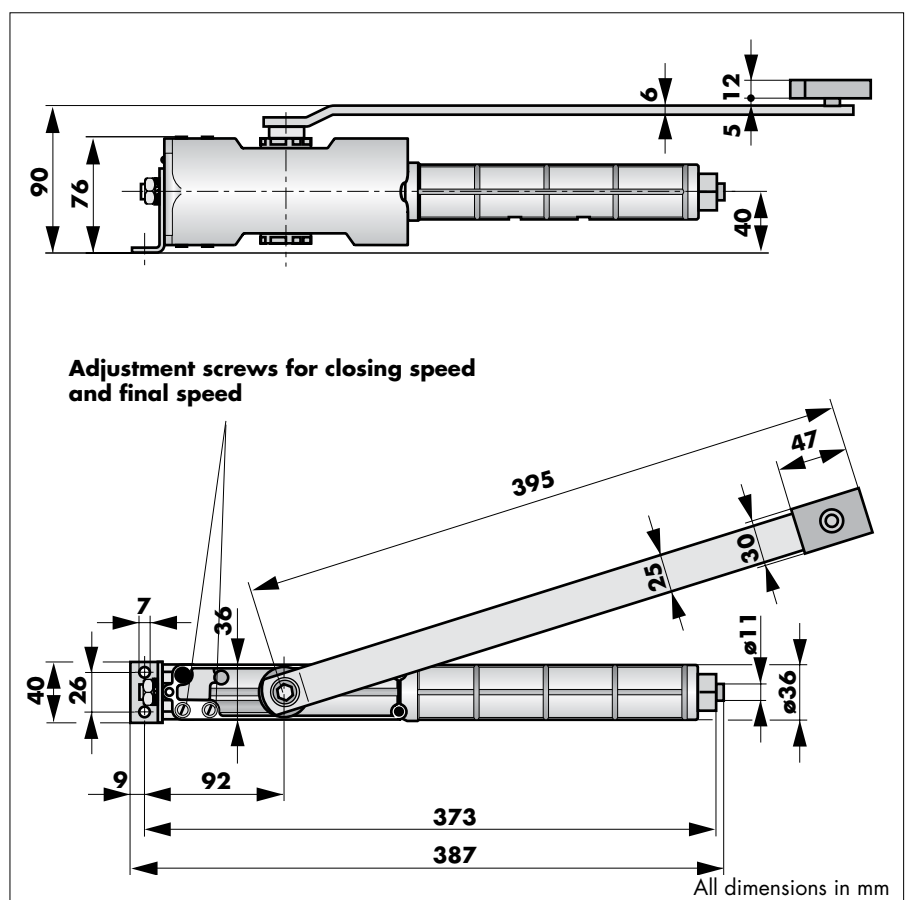
Phantom PH 90 Lift Door Closer

The Phantom PH 90 lift door closer replaces the Phantom door closer. Due to a complete remodelling of the casing the new Phantom PH 90 can now be used on both left and right hand doors. This facilitates maintenance and servicing.

The Phantom PH 90 is completely interchangeable with the previous Phantom door closer. However the operating arm of the old model does not fit the Phantom PH 90 so the Phantom PH 90 is always delivered with the operating arm.

The Phantom PH 90 door closer is designed for doors with a width between 700 and 900 mm and a door weight up to 60 kg. Please contact us if you have different door sizes.

Dimensions



Order Information

PHANTOM PH 90 door closer with long operating arm	part no. 600081
Short operating arm (separately), 272 mm	part no. 600082
Long operating arm (separately), 372 mm	part no. 600083



Koni Lift Door Closer

The Koni door closer features in addition to the adjustable closing speed also an additional final damping in closing direction. It is used for Otis lifts.

It is installed in the door frame. They are produced with different closing forces. Which one to choose depends on the width of the door (see diagram below).

Dimensions

Part no.	La	Le*	Lc
203262	625	495	394
203263	625	495	394
203265	610	480	379
203269	570	440	339
203270	610	480	379

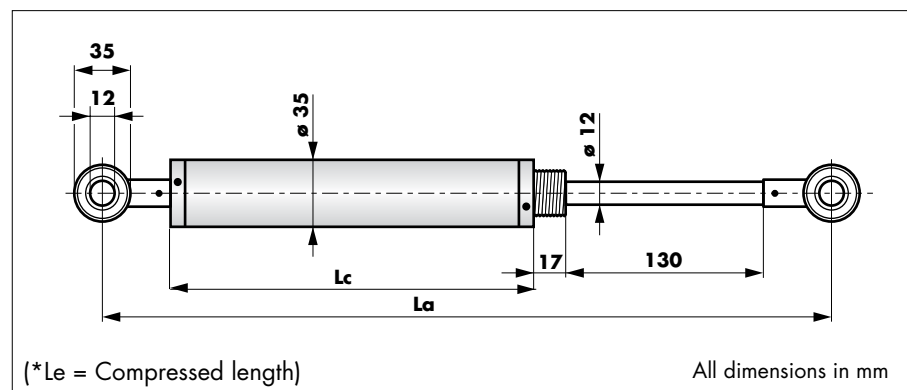
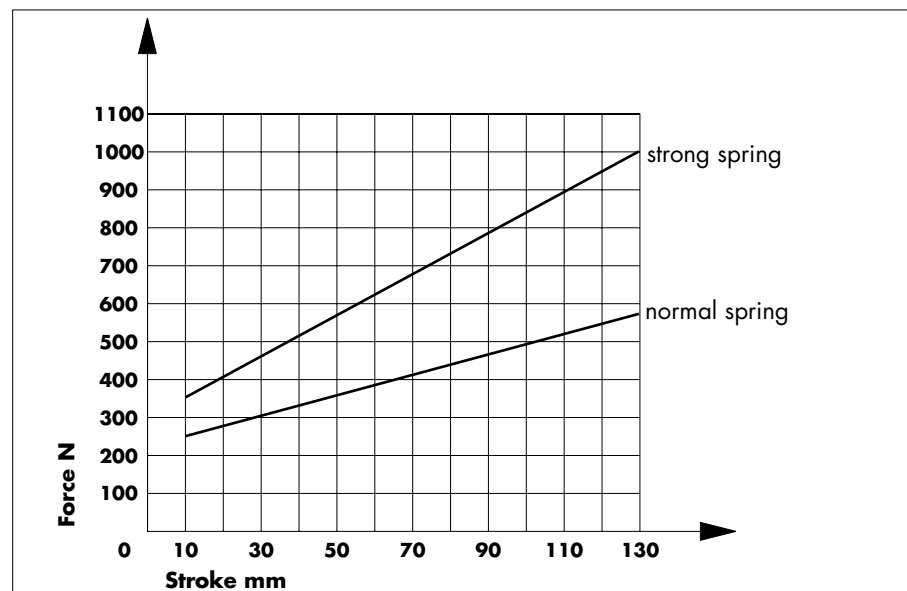


Diagram of the Closing Forces



Order Information

Type	Closing force (approx.)	Part no.
Koni door closer, normal spring	30 - 40 N	203262
Koni door closer, strong spring	50 - 60 N	203263
Koni door closer, normal spring, short	30 - 40 N	203265
Koni door closer, normal spring, very short	30 - 40 N	203269
Koni door closer, very light spring, short	15 N	203270