alpro

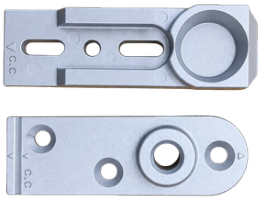
Concealed Overhead Door Closers

PRO50

The Alpro PRO50 concealed overhead door closer is designed for installation within the transom header, providing a discreet and reliable door control solution for single or double action aluminium doors. Available in a range of spring sizes to suit different door weights and widths, the PRO50 features dual adjustable closing speeds for smooth, controlled operation. Options include 90° hold open or no hold open functionality, with each closer supplied complete with fixing pack, bottom pivot and arm.

Standard spindle length is 12mm, with 17mm, 22mm and 28mm extended spindle versions available. Replacement components are also available for retrofit installations and maintenance.

51A10



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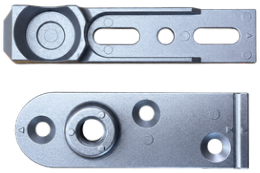
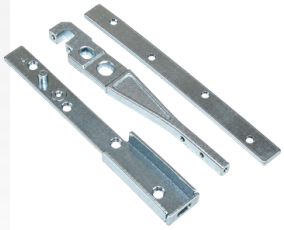


51A5

51A5-H

51A1



51A2

51A3

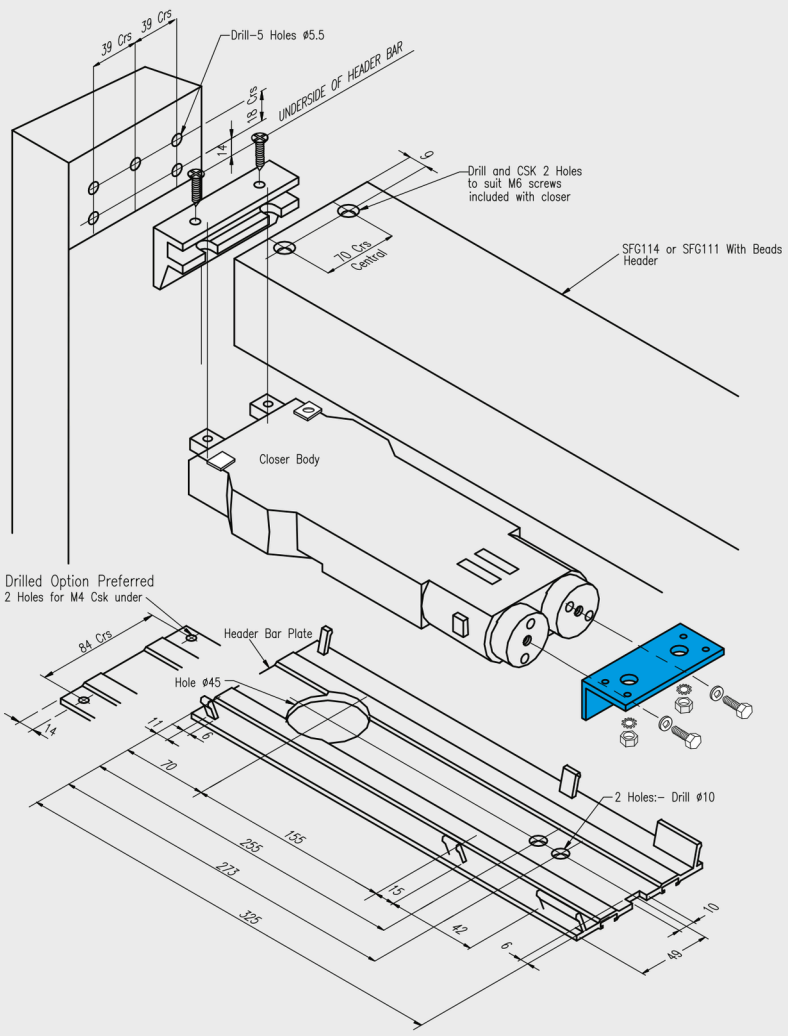
3 YEAR WARRANTY

Concealed Overhead Door Closers - **PRO50**

Ordering Information

Description	Side Load (Includes 51A2 Arm) Code	End Load (Includes 51A3 Arm) Code	Short Side Load (Includes 51A1 Arm) Code
DDA Compliant - no hold open	DDA-NHO-T1-U	DDA-NHO-T2-U	DDA-NHO-T3-U
Light duty (size 1) - no hold open	510100T1-U	510100T2-U	510100T3-U
Medium duty (size 2) - no hold open	510200T1-U	510200T2-U	510200T3-U
Heavy duty (size 3) - no hold open	510300T1-U	510300T2-U	510300T3-U
Variable strength - no hold open	510900T1-U	510900T2-U	510900T3-U
DDA Compliant - 90° hold open	DDA-HO-T1-U	DDA-HO-T2-U	DDA-HO-T3-U
Light duty (size 1) - 90° hold open	510190T1-U	510190T2-U	510190T3-U
Medium duty (size 2) - 90° hold open	510290T1-U	510290T2-U	510290T3-U
Heavy duty (size 3) - 90° hold open	510390T1-U	510390T2-U	510390T3-U
Variable strength - 90° hold open*	510990T1-U	510990T2-U	510990T3-U
Dummy Closer	510400DT1-U	510400DT2-U	510400DT3-U
Special top arm assembly - short side load			51A1
Standard side load top arm assembly			51A2
End load top arm assembly - use for round nose stiles			51A3
Standard bottom pivot assembly (include in closer kit)			51A4
“F” bracket, closing jamb/header bar bracket including fixings			51A5
Heavy duty bottom pivot assembly - maximum weight 120kg			51A10

For 17mm Extended Spindle, change code to ‘X-U’ i.e. 510190T1X-U
For 22mm Extended Spindle: change code to ‘X-U-22’ i.e. 510190T1X-U-22
For 28mm Extended Spindle: change code to ‘X-U-28’ i.e. 510190T1X-U-28



All dimensions are shown in mm.

***Variable - If replacing a standard closer with variable strength, the bracket highlighted below will need to be changed. This is supplied with the variable strength closer.**

NB:

Trade pack quantity for all closer types is 4
17mm Extended Spindle, change code to ‘X-U’ i.e 510190T1X-U
22mm Extended Spindle, change code to ‘X-U-22’ i.e 510190T1X-U-22
28mm Extended Spindle, change code to ‘X-U-28’ i.e 510190T1X-U-28

Dimensions: 293mm x 90mm

Concealed thickness: 37mm

Maximum door width: Light spring - under 750mm (size 1)
Medium spring - 751mm to 950mm (size 2)
Heavy spring - 951mm to 1150mm (size 3)

Maximum door weight: 100kg - Standard pivot, 120kg - Heavy duty pivot

Maximum door height: 2540mm

Closing speed: Dual; initial closing speed is factory preset. Final closing speed is fully adjustable after installation

Lubrication: Stable hydraulic fluid suitable for most climatic conditions and constant lubrication

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