

# alpro

## Concealed Overhead Door Closers

### PRO50



Standard Closer Model



Variable Strength Model

The Alpro PRO50 overhead door closer is designed to be concealed within the transom header bar of the door. It provides controlled closing of a single or double action aluminium doors. Features built into the closer include dual closing speeds to allow flexibility in closing. Our variable version has three levels of spring strength and either 90° hold open or no hold options.

The closer comes complete with its own fixing pack including a bottom pivot and arm.

Standard spindle length is 12mm.

Extended versions available in 17/22/28mm.

Replacement items available for retrofit installations and maintenance.

#### Accessories

##### 51A1

Special Top Arm Assembly

Short Side Load

For use with 65mm pivot and 51A5 'F' bracket

##### 51A2

Side Load Top Arm

Assembly 70mm pivot

##### 51A3

End Load Top Assembly

Use for Roundnose

Stiles

##### 51A4

Bottom Pivot

Assembly

##### 51A5

'F' Bracket with Screws (Set A)

##### 51A10

Heavy Duty Bottom Pivot Assembly also available



## 3 YEAR GUARANTEE

## Ordering Information

### Description

DDA Compliant - no hold open  
 Light duty (size 1) - no hold open  
 Medium duty (size 2) - no hold open  
 Heavy duty (size 3) - no hold open  
 Variable strength - no hold open DDA  
 Compliant - 90° hold open  
 Light duty (size 1) - 90° hold open  
 Medium duty (size 2) - 90° hold open  
 Heavy duty (size 3) - 90° hold open  
**Variable strength - 90° hold open\***  
 Dummy Closer

### Side Load (Includes 51A2 Arm) Code

**DDA-NHO-T1-U**  
**510100T1-U**  
**510200T1-U**  
**510300T1-U**  
**510900T1-U**  
**DDA-HO-T1-U**  
**510190T1-U**  
**510290T1-U**  
**510390T1-U**  
**510990T1-U**  
**510400DT1-U**

### End Load (Includes 51A3 Arm) Code

**DDA-NHO-T2-U**  
**510100T2-U**  
**510200T2-U**  
**510300T2-U**  
**510900T2-U**  
**DDA-HO-T2-U**  
**510190T2-U**  
**510290T2-U**  
**510390T2-U**  
**510990T2-U**  
**510400DT2-U**

### Short Side Load (Includes 51A1 Arm) Code

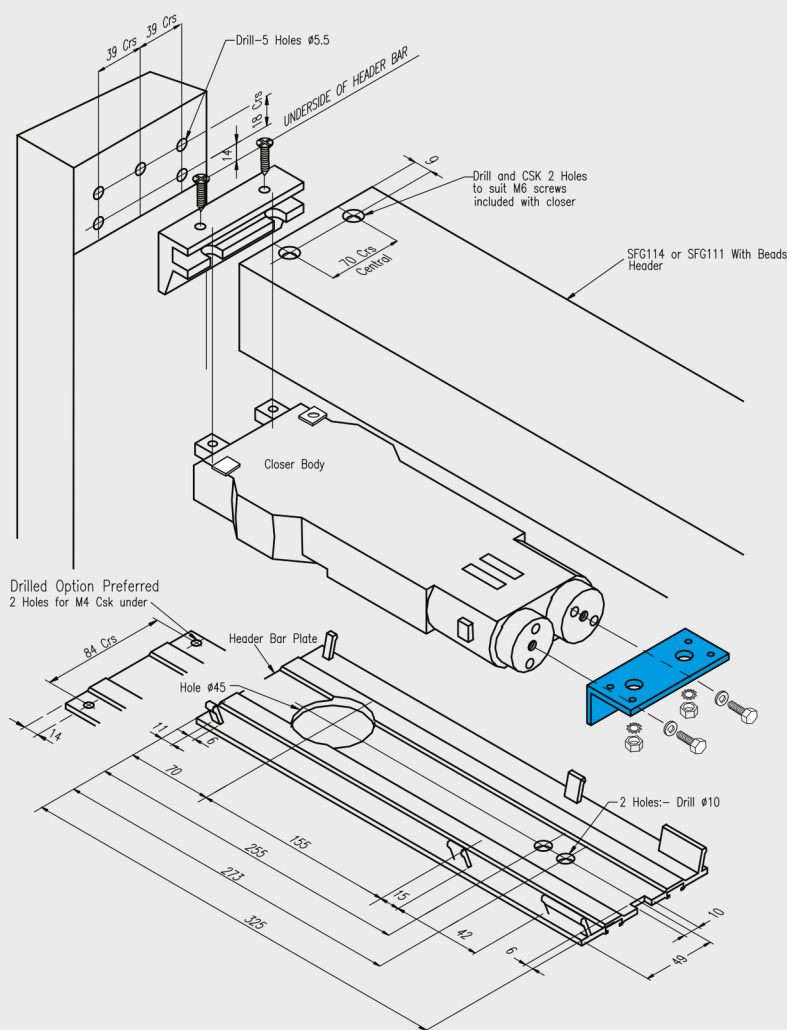
**DDA-NHO-T3-U**  
**510100T3-U**  
**510200T3-U**  
**510300T3-U**  
**510900T3-U**  
**DDA-HO-T3-U**  
**510190T3-U**  
**510290T3-U**  
**510390T3-U**  
**510990T3-U**  
**510400DT3-U**

### Description

Special top arm assembly - short side load  
 Standard side load top arm assembly  
 End load top arm assembly - use for round nose stiles  
 Standard bottom pivot assembly (include in closer kit)  
 "F" bracket, closing jamb/header bar bracket including fixings  
 Heavy duty bottom pivot assembly - maximum weight 120kg

### Code

**51A1**  
**51A2**  
**51A3**  
**51A4**  
**51A5**  
**51A10**



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