

APT1- DDA Power Curves on: Frisco 28951 95 Series Overhead door closer



A Report To: Frisco (UK) Sales Ltd
Unit 14 Pindar Road
Hoddesdon, Hertfordshire
EN11 0DE

Document Reference: WIL 561195

Date: 24/09/2026

Copy: Final

Issue No.: 1

Page 1

TEST CONCLUSIONS

Samples of:

Manufacturer : Frisco (UK) Sales Ltd
Product : Overhead door closer
Models : 28951 95 Series

have been tested in accordance with:

APT1- DDA Power Curves on Door Closers

By Element Materials Technology [A UKAS accredited Testing Laboratory (No. 0621)]

At Unit 3 Wednesbury One Ind Est, Black Country New Rd, Wednesbury. WS10 7NZ.

Results and comments as detailed below:

Results as detailed below:

- The Frisco 28951 95 Series Overhead door closer (**Door mount pull side application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **816mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **699mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **816mm**.

- The Frisco 28951 95 Series Overhead door closer (**Transom mount push side 0mm head projection application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **805mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **632mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **805mm**.

- The Frisco 28951 95 Series Overhead door closer (**Transom mount push side 50mm head projection application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **817mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **636mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **817mm**

- The Frisco 28951 95 Series Overhead door closer (**Parallel arm application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **851mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **587mm** tested in laboratory conditions.

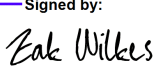
Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **851mm**

NOTE : BS 8300 Requirements are for the whole door set and therefore the minimum width of suitable door will increase when the door closer is fitted with all other items of ironmongery on site.

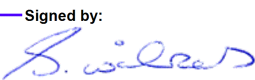
AUTHORISATION

Tests performed by: Zak Wilkes, Test Engineer & Haroon Kiad, Test Engineer

Report issued by: Zak Wilkes, Test Engineer

Signed 
Date : 25-Sep-2026 | 10:14 BST
For and on behalf of Element Materials Technology

Report authorised by: Steve Wilkes, Deputy Business Head

Signed 
Date : 05-Oct-2026 | 10:00 BST
For and on behalf of Element Materials Technology

Report issued: 05-Oct-2026 | 10:00 BST

NOTE.

These tests are not covered by the Laboratory UKAS accreditation schedule.

Tests marked NT were not tested

Tests marked NA are not applicable to the product on test.

The laboratory has tested the material/items supplied by the customer as sampled in accordance with the customer's own requirements. Results apply only to samples as received, and may not be indicative of a type or batch.

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TEST DETAILS

CLIENT DETAILS

Company Name Frisco (UK) Sales Ltd
Address Unit 14 Pindar Road
Hoddesdon
Hertfordshire
EN11 0DE

Contact Simon Foord

ORDER DETAILS

Order No. 0000062727
Dated 21/09/2026

DEVICE DETAILS

Manufacturer Frisco (UK) Sales Ltd
Model No's 28951 95 Series
Closer type:
 With latch action. Yes
 Delayed action No delayed action
Arm configuration: Standard projecting arm

Mounting: Standard door mount pull, parallel arm, transom mount push with and without head projection 0mm & 50mm

TEST REQUIREMENTS

Test specification : APT1- DDA Power Curves on Door Closers
Test to clauses : N/a.
Closer strength: Size 3
Corrosion resistance grade: N/a.
Special test requirements: Opening moments check at power size 3.
Test reference numbers: WIL 561195
Date sample received: 22/09/2026
Date test started: 23/09/2026
Date test completed: 24/09/2026
Other reports to be used in conjunction with this report: None.

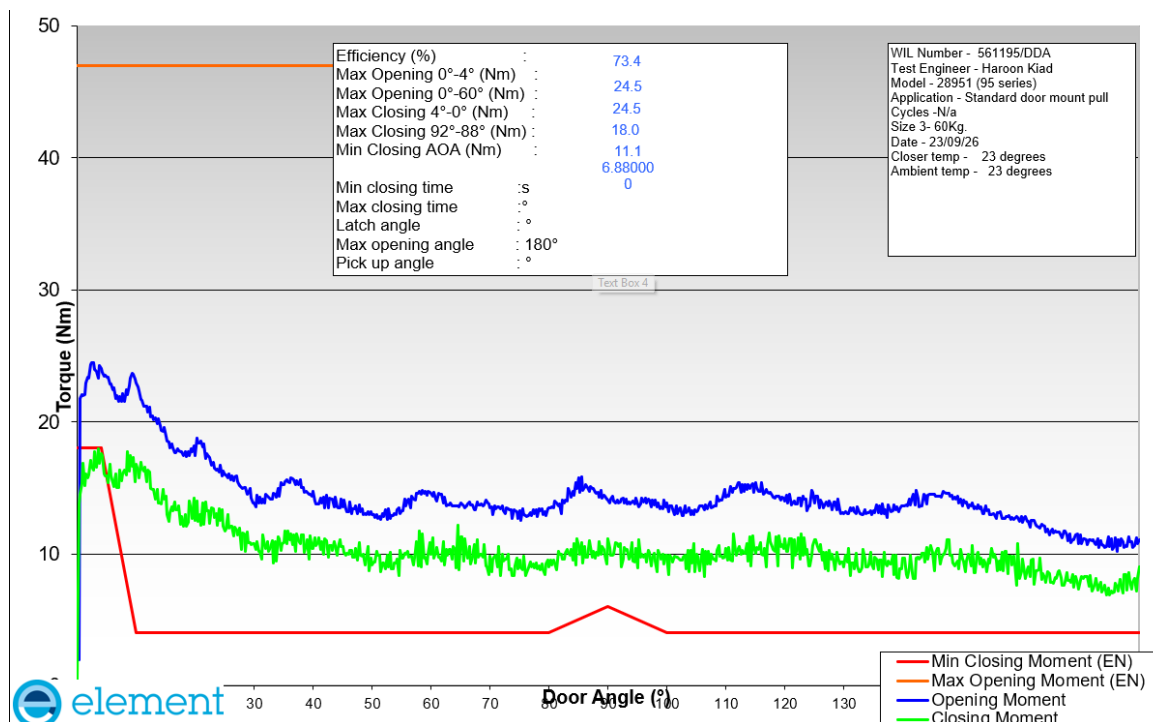
TEST RESULTS

Frisco 28951 95 Series Door closer

Standard door mount pull side application

No cycles completed.

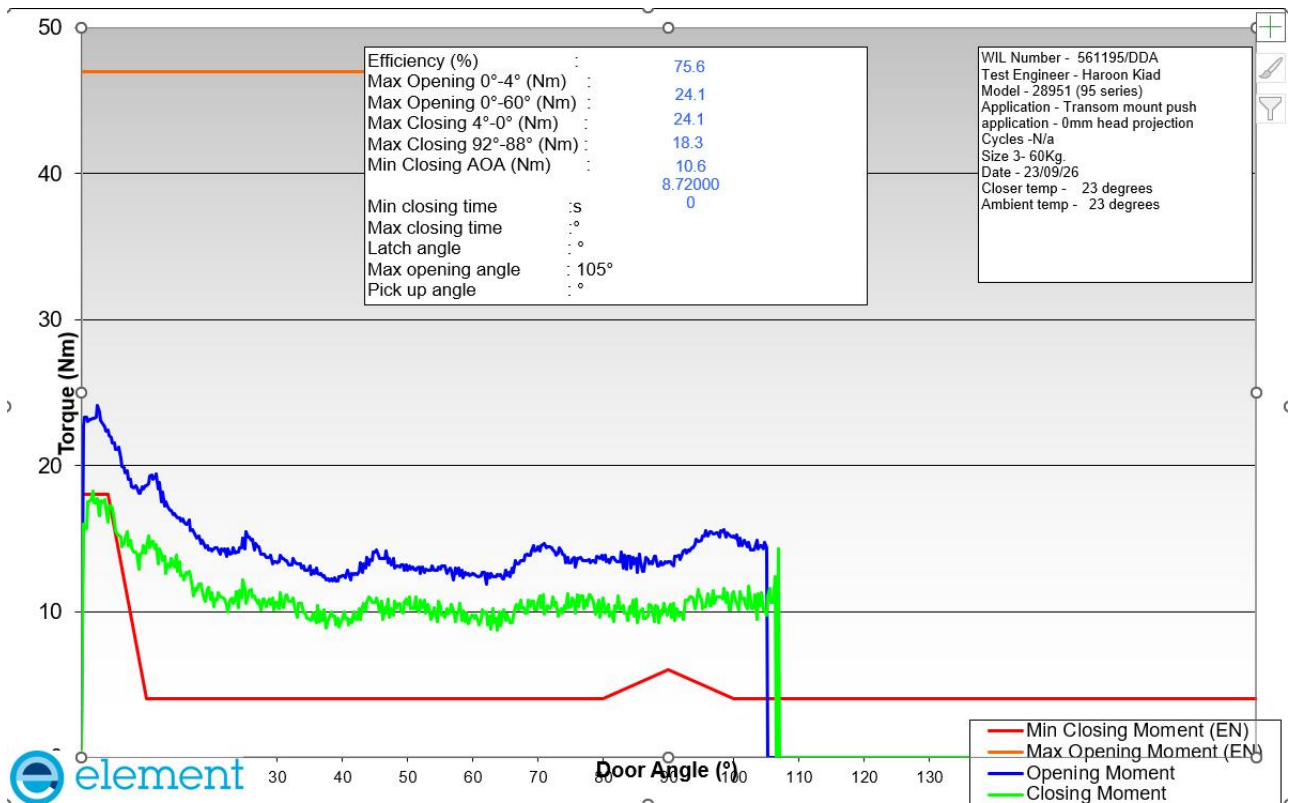
Specification	Requirement	Test result
Cycles completed	0	0 cycles
Ambient temp.	15 - 30° C	23°C
Closer temp	Within 2° of ambient	23°C
Opening moment. Closer size 3	Max opening torque 0 - 4°	24.48Nm
	Max opening torque 0 - 30°	24.48Nm
	Max opening torque 30 - 60°	15.74Nm
Closing moment. Closer size 3	Max closing moment 0 - 4°	18.00Nm
Efficiency	Size 4 closer	73.4%



Transom mount push side 0mm head projection fixing position

No cycles completed.

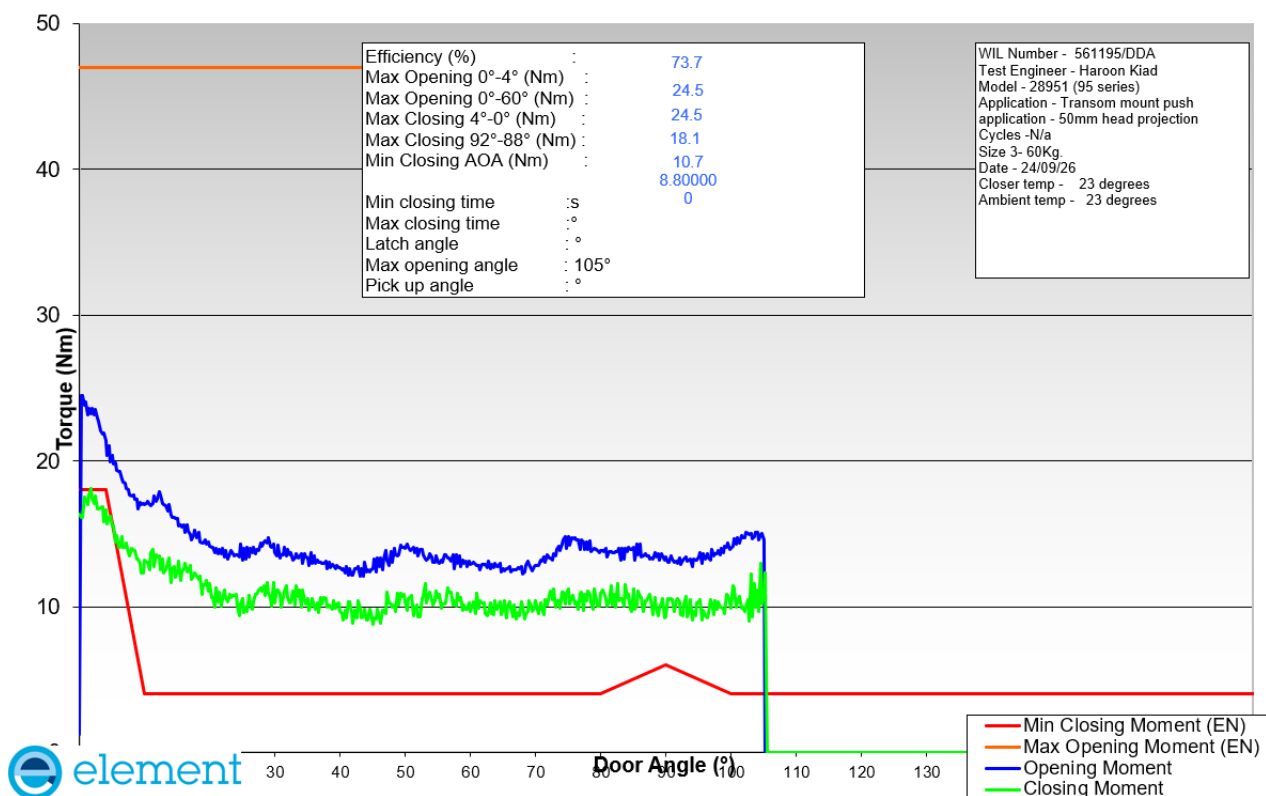
Specification	Requirement	Test result
Cycles completed	0	0 cycles
Ambient temp.	15 - 30° C	23°C
Closer temp	Within 2° of ambient	23°C
Opening moment. Closer size 3	Max opening torque 0 - 4°	24.14Nm
	Max opening torque 0 - 30°	24.14Nm
	Max opening torque 30 - 60°	14.22Nm
Closing moment. Closer size 3	Max closing moment 0 - 4°	18.3Nm
Efficiency	Size 4 closer	75.6%



Transom mount push side 50mm head projection fixing position

No cycles completed.

Specification	Requirement	Test result
Cycles completed	0	0 cycles
Ambient temp.	15 - 30° C	23°C
Closer temp	Within 2° of ambient	23°C
Opening moment. Closer size 3	Max opening torque 0 - 4°	24.52Nm
	Max opening torque 0 - 30°	24.52Nm
	Max opening torque 30 - 60°	14.30Nm
Closing moment. Closer size 3	Max closing moment 0 - 4°	18.1Nm
Efficiency	Size 4 closer	73.7%



Parallel arm fixing position

No cycles completed.

Specification	Requirement	Test result
Cycles completed	0	0 cycles
Ambient temp.	15 - 30° C	23°C
Closer temp	Within 2° of ambient	23°C
Opening moment. Closer size 3	Max opening torque 0 - 4°	25.54Nm
	Max opening torque 0 - 30°	25.54Nm
	Max opening torque 30 - 60°	13.26Nm
Closing moment. Closer size 3	Max closing moment 0 - 4°	18.0Nm
Efficiency	Size 4 closer	70.4%



OBSERVATIONS AND COMMENTS

- The Frisco 28951 95 Series Overhead door closer (**Door mount pull side application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **816mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **699mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **816mm**.

- The Frisco 28951 95 Series Overhead door closer (**Transom mount push side 0mm head projection application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **805mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **632mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **805mm**.

- The Frisco 28951 95 Series Overhead door closer (**Transom mount push side 50mm head projection application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **817mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **636mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **817mm**

- The Frisco 28951 95 Series Overhead door closer (**Parallel arm application**) has an opening force (0-30°) less than 30N when fitted to a minimum width door of **851mm**, and has an opening force (30-60°) less than 22.5N when fitted to a minimum width door of **587mm** tested in laboratory conditions.

Therefore the suitable width of door for the Frisco 28951 door closer when fitted in the above fixing position is **851mm**

NOTE : BS 8300 Requirements are for the whole door set and therefore the minimum width of suitable door will increase when the door closer is fitted with all other items of ironmongery on site.

----- END OF REPORT -----