



## 5200 Series

**Description:** Surface Door Closers > 5200 Series - Grade 1



- Applications - Heavy Duty Commercial
- Certifications - BHMA Certified ANSI A156.4 Grade 1
  - ADA Compliant ANSI A117.1 Accessibility Code only for adjustable sizes 1 to 4
  - UL/cUL Listed for up to 3 hours
  - UL10C Positive Pressure Rated
  - UL10B Neutral Pressure Rated
- Material - Body - Aluminum
- Material - Cover - Full Plastic Cover
  - Slim Line Plastic Cover-Optional
- Springs - Double heat treated Steel, tempered springs
  - Precision machined, heat treated Steel piston
  - Triple heat treated Steel spindle
- Valves - Adjustable latching and sweep speed valve
  - Adjustable backcheck valve
  - Delayed action valve - Optional

- Handing - Non-Handed
- Arms & Brackets - Tri-Pack - Regular, Top Jamb, and Parallel Arms
- Arms - Optional - Hold Open Arm
  - Extra Heavy Duty Hold Open Stop Arm
  - Extra Heavy Duty Stop Arm
  - Extra Heavy Duty Arm
  - Extra Heavy Duty Hold Open Arm
  - Extra Heavy Duty Cushion Stop Arm
  - Extra Heavy Duty Hold Open Cushion Stop Arm
- Fasteners - Self tapping wood and machine screws
  - Sex nuts and bolts
- Door Thickness - 1 3/4"
  - 1-3/8" - 2-1/4" Optional
- Painted Finishes - Aluminum, Bronze, Dark Bronze, Gold

## Exterior (and Vestibule) Door Width

Minimum Door Width (24")

24" - 30" - 36" - 42"

Regular Arm & Top Jamb

Size 3	Size 4	Size 5
Size 3	Size 4	

Parallel Arm

## Interior Door Width

Minimum Door Width (24")

24" - 30" - 34" - 38" - 48" - 54"

Regular Arm & Top Jamb

Size 1	Size 2	Size 3	Size 4	Size 5
Size 1	Size 2	Size 3	Size 4	

Parallel Arm

(Sizing in accordance to BHMA/ANSI 156.4)

## Door Closer ANSI Reference Sheet

Closer Series	Function	Cross Reference #	PT4 Options
5100	Regular Arm Mount	C02011	A, B, C, D, H
	Top Jamb Arm Mount	C02041	A, B, C, D, H
	Parallel Arm Mount	C02021	A, B, C, D, H
Note* Standard tri pack arms include C02011, C02041 & C02021			
Note* Delayed Action optional w/ the 5100 closer series			
	Heavy Duty Parallel Arm Mount	C02021	A, B, C, D, H
	Hold Open Parallel Arm Mount	C02061	A, B, C, D, H
	Bracket Mounting	C02031	A, B, C, D, F, H
5200	Regular Arm Mount	C02011	A, B, C, D, H
	Top Jamb Arm Mount	C02041	A, B, C, D, H
	Parallel Arm Mount	C02021	A, B, C, D, H
Note* Standard tri pack arms include C02011, C02041 & C02021			
Note* Delayed Action optional w/ the 5200 closer series			
	Heavy Duty Parallel Arm Mount	C02021	A, B, C, D, H
	Hold Open Parallel Arm Mount	C02061	A, B, C, D, H
	Bracket Mounting	C02031	A, B, C, D, F, H
5300	Regular Arm Mount	C02011	A, B, C, D, H
	Top Jamb Arm Mount	C02041	A, B, C, D, H
	Parallel Arm Mount	C02021	A, B, C, D, H
Note* Standard tri pack arms include C02011, C02041 & C02021			
Note* Delayed Action optional w/ the 5300 closer series			
	Heavy Duty Parallel Arm Mount	C02021	A, B, C, D, H
	Hold Open Parallel Arm Mount	C02061	A, B, C, D, H
	Bracket Mounting	C02031	A, B, C, D, F, H
5400	Regular Arm Mount	C03012	A
	Top Jamb Arm Mount	C03042	A
	Parallel Arm Mount	C03022	A
Note* Standard tri pack arms include C03012, C03042 & C03022			
Note* Backcheck optional w/ the 5400 closer series			



**Hager Companies, Inc**  
139 Victor Street  
Saint Louis, MO 63104

## **HAGER TEST REPORT NO.: CL05002**

### EVALUATION OF

### **Hager Companies 5200 Series Door Closer - Size 1-4**

#### **TEST PARAMETERS:**

This report covers tests and/or evaluations performed using the following standard(s) as a guideline:  
*ANSI/BHMA A156.4-2000 American National Standard for Door Controls – Closers.*  
Testing was conducted by Intertek Testing Services NA, Inc., at their Middleton, WI facility.

#### **ENGINEERING REVIEW PROCESS:**

The Hager 5200 Series size 2-5 door closer was previously tested by ITS in accordance with ANSI/BHMA A156.4-2000, "American National Standard for Door Controls – Closers" and found to be BHMA compliant. Results are found in Hager Test Report CL04007.

In order to assess mechanical differences between the 5200 Series size 1-4 and the 5200 Series size 2-5, customer-supplied technical drawings and specifications of each model are reviewed by ITS. In order to validate adjustable size range, the 5200 Series size 1-4 model is tested to ANSI/BHMA A156.4-2000 section 6.16 "Test for Range of Multiple Sizes".

#### **CONCLUSION:**

It is determined that the Hager 5200 Series size 1-4 door closer is similar, with minor variations, to the 5200 Series size 2-5 door closer. These variations will not significantly affect the performance of this closer, with the exception of adjustable size range.

---

This report summary was prepared as an account of work performed by a Third-Party Nationally Recognized Testing Laboratory. The information included in this report is certified extracts from the original test records, as contained in the permanent records of Hager Companies, Inc. Copies of the original third-party test reports are available upon request.



Hager Companies, Inc  
139 Victor Street  
Saint Louis, MO 63104

**HAGER TEST REPORT NO.: CL04007**

EVALUATION OF

**Hager Companies  
5200 Series Door Closer - Size 2-5**

**TEST PARAMETERS:**

This report covers tests and/or evaluations performed using the following standard(s) as a guideline:  
*ANSI/BHMA A156.4-2000 American National Standard for Door Controls – Closers.*  
Testing was conducted by Intertek Testing Services NA, Inc., at their Middleton, WI facility.

**DESCRIPTION OF TEST SAMPLES:**

Samples were identified as Model 5200 Grade 1 Closer with backcheck.  
Samples were received in good condition on 11/12/2004.

**TEST DATES:** 01/18/05 – 04/12/05

**RESULTS:** COMPLIANT

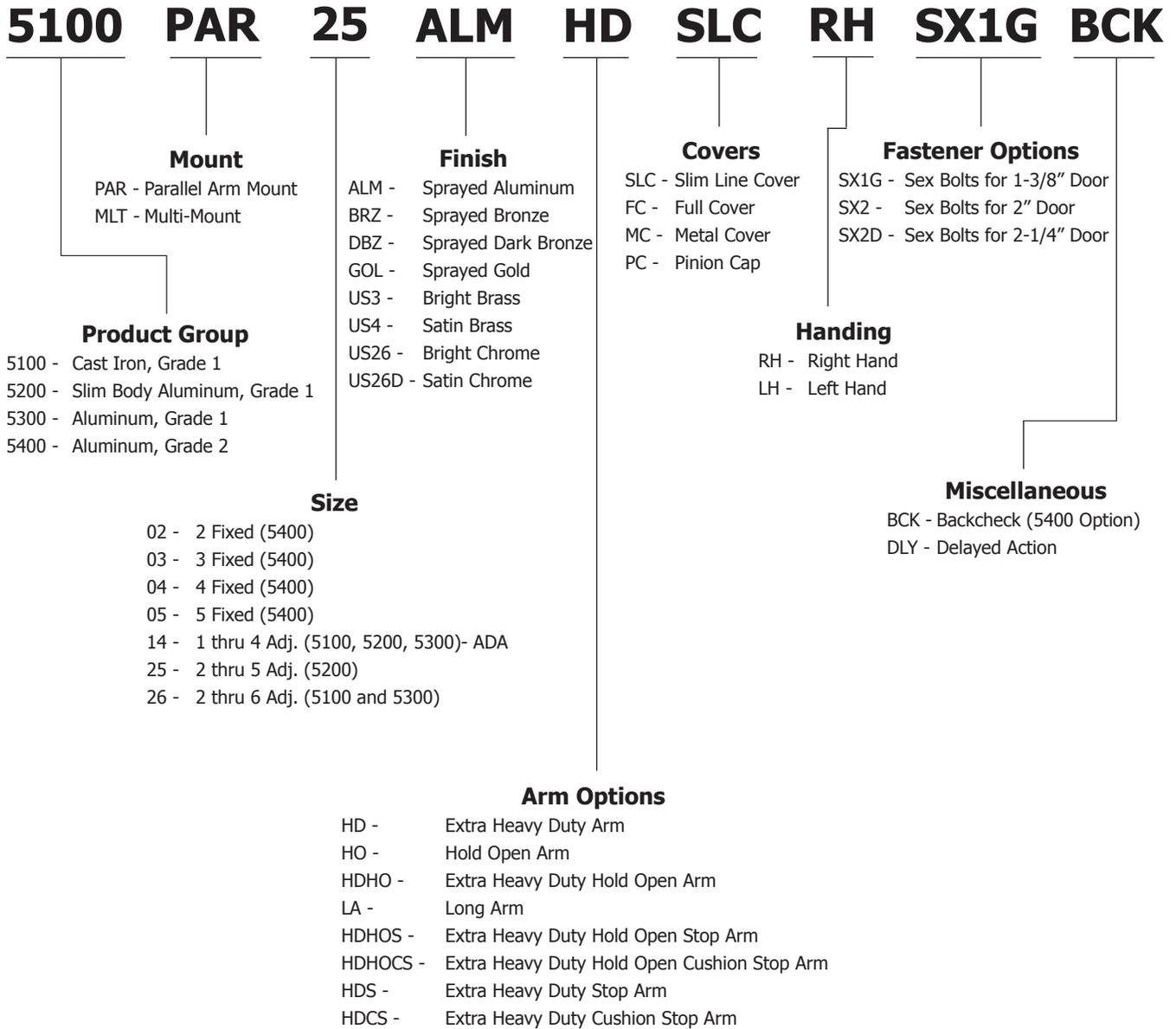
The testing results of specific subsections are summarized below.

<b>Subsection</b>	<b>Test Description</b>	<b>Test Results</b>
5.1	Initial Static Test	Compliant
5.2	First Cycle Test	Compliant
5.3	Second Cycle Test	Compliant

This report summary was prepared as an account of work performed by a Third-Party Nationally Recognized Testing Laboratory. The information included in this report is certified extracts from the original test records, as contained in the permanent records of Hager Companies, Inc. Copies of the original third-party test reports are available upon request.



**HOW TO ORDER**



Example of how to order:  
 5100P14ALMHDHOS

