

1330 SE 6th Ave Portland, OR 97214 (503) 239-6000 www.vgoinc.com

Laboratory Testing Report

Report # 22157A

Client:	Project Information		
	Richelieu Hardware	Date:	2/24/2023
Client Address:	7900 Boul. Henri-Bourassa West,	Page:	1 of 2
	St-Laurent, QC. Canada H4S 1V4		
Client PO:	Verbal		_
est Information			
Sample Description:	4501 Ball Bearing Slide – 550mm	1.0 Sect 1.0	
Specification: Test Date:	ANSI/BHMA A156.9-2020 Section 4.11.4 (NAAWS 4 2/20/2023 – 2/24/2023	4.0 Sect 10)	
Notes:		100-pound initial loa	ad
	Results		
verall results: Pass	5		
	Results by Section		
ANSI/BHMA A156 9	2020 Section 4.11.4.1 "Out Stop"		
Test Description			
	load of 100 lbs. Open Test drawer at a rate not to exc		
Measure and r position force.	ecord the maximum drawer opening force. Next, Meas	sure and record wa	rning or stop
position force.			
Acceptance Level			
With a warning	stop, the force required to open a drawer through the		
With a warning increase to at I	east 2 times the normal drawer operating force. With a	a stop position, the	force required
With a warning increase to at I	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1	a stop position, the	force required
With a warning increase to at I to open a draw	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1	a stop position, the	force required
With a warning increase to at I to open a draw operating force	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1	a stop position, the	force required
With a warning increase to at I to open a draw operating force Results Pass	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1	a stop position, the	force required
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 e.	a stop position, the 10 times the normal	force required I drawer
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description Place an initial	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 2. 2020 Section 4.11.4.2 "Cycle Test" load of 100 lbs. Operate drawer through 50,000 cycle	a stop position, the 10 times the normal s at a rate of 10 +/-	force required I drawer 2 cycles per
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description Place an initial	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 e.	a stop position, the 10 times the normal s at a rate of 10 +/-	force required I drawer 2 cycles per
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description Place an initial minute. One cy stop position.	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 2. 2020 Section 4.11.4.2 "Cycle Test" load of 100 lbs. Operate drawer through 50,000 cycle	a stop position, the 10 times the normal s at a rate of 10 +/-	force required I drawer 2 cycles per
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description Place an initial minute. One cy stop position. Acceptance Level	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 2. 2020 Section 4.11.4.2 "Cycle Test" load of 100 lbs. Operate drawer through 50,000 cycle	a stop position, the 10 times the normal s at a rate of 10 +/-	force required I drawer 2 cycles per
With a warning increase to at I to open a draw operating force Results Pass ANSI/BHMA A156.9- Test Description Place an initial minute. One cy stop position. Acceptance Level	east 2 times the normal drawer operating force. With a ver through the stop position shall increase to at least 1 a. •2020 Section 4.11.4.2 "Cycle Test" load of 100 lbs. Operate drawer through 50,000 cycle ycle consists of opening the drawer to 2/3 of its total tra	a stop position, the 10 times the normal s at a rate of 10 +/-	force required I drawer 2 cycles per



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