



# Speed-Guardian™ 5000 LS Low Speed High Performance Door

For the retail automotive industry and commercial or industrial applications  
Maintain a consistent building appearance with all Speed-Guardian™ models

**HÖRMANN**

# Speed-Guardian™ 5000 LS Rigid Low Speed

Low speed operation - High performance appearance

## Matching models without unnecessary cost

Maintain a consistent appearance 360° around the building and satisfy the requirements of everyone involved in the project: owner, brand manufacturer, architect and contractor. This is the Speed-Guardian™ model to choose for areas where looks are mandatory, but fast operating speeds are not. The Speed-Guardian™ 5000 LS (low speed) offers the same aesthetics, at a lower price, than the Speed-Guardian™ 5000 high speed models, and opens at 8" per second. Peripheral service entrances and exits are where this door will shine, with moderate cycling speeds and all of the high performance features such as insulated panel, double-pane scratch resistant vision, security and matching RAL colors (optional) that our other high speed Speed-Guardian™ models offer.

## Model SG 5000 LS CV Complete view panel

The CV model has a complete panel of vision slats as standard. This panel allows more light into the building and more visibility from inside to outside and has solid aluminum top and bottom slats, in place of the galvanized steel slats that are standard on the base model.

## Optional vision slats - Clear or tinted

The insulated windows are coated with our exclusive Duratec® finish which prevents marks and scratches caused by cleaning, and retain clear view after many cleanings. The synthetic double panes provide excellent thermal insulation. Three styles of vision slats are available: clear, perforated or tinted. The tinted slats are a perfect choice where filtered light is required within the interior side, but privacy from the outside to inside view is desired. Individual windows may be replaced without replacing the entire vision slat.

## Thermal efficiency and attractive panel

The 42 mm-thick sections are characterized with an elegant Micrograin™ surface on the exterior and Stucco surface on the interior. Exterior and interior are based on RAL 9006 color as standard. As an option, all Speed-Guardian™ 5000 LS models are available in over 200 RAL colors. Solid slats have an R-value = 13.6.

## Trolley or hoist operation

A trolley motor is standard on models LSS and LS CV 42. Hoist operation is used with the optional high lift and vertical lift track configurations.

## Three track configurations available

The standard lift model with 2" guide tracks requires 15" of headroom clearance for doors up to 12'0" high, and 16-1/2" of headroom clearance for doors from 12'1" to 16'0" high. High lift and vertical lift tracks are options for applications with limited mounting space around the opening. The high lift configuration with 2" tracks requires only 8-1/4" of headroom clearance for doors up to 14'0" high, and 9-1/4" of headroom clearance for doors over 14'0" high. The vertical lift track option runs vertically along the building wall. 3" tracks and hardware are optional on all three track configurations.



Model SG 5000 LS CV low speed complete view



Model SG 5000 LSS with solid panel and select number of vision slats



Double-pane insulated windows slats with exclusive Duratec® finish



Standard lift with 2" tracks



Retail automotive applications are ideal for installing a combination of the SG 5000 high speed roll-up door and the SG 5000 low speed door

## Activation options

Included as standard: remote control with 1-button remote. Other options: 3-button remote, motion detector, traffic light package, traffic light package with induction loop detector.

Exclusive 20 year warranty: 20 years on rollers, tracks and hinges; 5 years on panel; 7 years on vision slats; 1 year on all other mechanical and electrical components.



# Consistent Building Aesthetics

Speed-Guardian™ 5000 LS for low cycle door openings  
Other Speed-Guardian™ 5000 models for high cycle areas

## Features

Model	SG 5000 LSS Standard Lift	SG 5000 LS CV 42 Standard Lift Complete View Standard Model	SG 5000 LS H 42 High Lift	SG 5000 LS H CV 42 High Lift Complete View Optional Model	SG 5000 LS V 42 Vertical Lift	SG 5000 LS V CV 42 Vertical Lift Complete View Optional Model
	Standard Model	Standard Model	Optional Model	Optional Model	Optional Model	Optional Model
<b>Suitable application</b>	Interior mount on interior or exterior opening					
<b>Maximum opening dimensions</b>	16'0" w x 16'0" h*	16'0" w x 16'0" h*	16'0" w x 16'0" h*	16'0" w x 16'0" h*	16'0" w x 16'0" h*	16'0" w x 16'0" h*
<b>Panel</b>						
Depth inches (mm)	1-5/8" (42)	1-5/8" (42)	1-5/8" (42)	1-5/8" (42)	1-5/8" (42)	1-5/8" (42)
Section height inches (mm)	20" (600)**	20" (600)**	20" (600)**	20" (600)**	20" (600)**	20" (600)**
Exterior / interior surface	Micrograin / Stucco	Smooth	Micrograin / Stucco	Smooth	Micrograin / Stucco	Smooth
Standard color	RAL 9006	C0 anodized	RAL 9006	C0 anodized	RAL 9006	C0 anodized
Vision: Double-pane slats	○	●	○	●	○	●
<b>Operating speeds</b>						
Max. opening (in/s)	8"	8"	8"	8"	8"	8"
Closing approx. (in/s)	8"	8"	8"	8"	8"	8"
<b>Resistance to wind load in closed position</b>	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory
<b>Resistance to water penetration (EN 12489)</b>	Class 2	—	Class 2	—	Class 2	—
<b>Air permeability (EN 12427)</b>	Class 2	—	Class 2	—	Class 2	—
<b>Acoustic insulation (EN 717-2) no vision R = dB</b>	26	—	26	—	26	—
<b>Thermal insulation (EN 717-1) no vision</b>						
U-value (metric) in W/(m²K)	1.04	4.41	1.04	4.41	1.04	4.41
U-value (imperial) in BTU/(h·ft²·°F)	0.18	0.77	0.18	0.77	0.18	0.77
<b>R-value</b>	13.6	—	13.6	—	13.6	—
<b>Guide tracks</b>						
Galvanized steel 2"	●	●	●	●	●	●
Galvanized steel 3"	○	○	○	○	○	○
<b>Required headroom</b>						
2" guide tracks	DH ≤ 12'0" =15"	DH ≤ 12'0" =15"	DH ≤ 14'0" = 8-1/4"	DH ≤ 14'0" = 8-1/4"	DH + 9"	DH + 9"
2" guide tracks	DH > 12'0" =16-1/2"	DH > 12'0" =16-1/2"	DH > 14'0" = 9-1/4"	DH > 14'0" = 9-1/4"	(Backroom 16")	(Backroom 16")
3" guide tracks	DH ≤ 12'0" =16"	DH ≤ 12'0" =16"	DH ≤ 14'0" = 9-1/4"	DH ≤ 14'0" = 9-1/4"	DH + 9"	DH + 9"
3" guide tracks	DH > 12'0" =17-1/2"	DH > 12'0" =17-1/2"	DH >14'0" =10-1/4"	DH >14'0" =10-1/4"	(Backroom 16")	(Backroom 16")
<b>Springs</b>						
15,000 cycle	●	●	●	●	●	●
25,000 cycle	○	○	○	○	○	○
50,000 cycle	○	○	○	○	○	○
100,000 cycle	○	○	○	○	○	○
<b>Motor</b>						
1/2 HP trolley	●	●	—	—	—	—
Hoist w/ chainfall	—	—	●	●	●	●
<b>Available voltage</b>						
115 v 1-phase	●	●	●	●	●	●
230 v 1-phase	●	●	●	●	●	●
208 / 230 v or 480 v 3-phase	●	●	●	●	●	●
<b>Protection devices</b>						
Thru-beam photo eyes	●	●	●	●	●	●
Light curtain	○	○	○	○	○	○

● = Standard ○ = Optional — = Unavailable

\* Consult factory for door openings larger than 16'0" h x 16'0" w \*\* (2) 10" high slats are connected to form each 20" high section

### Our promise to you

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether industrial or commercial, retail automotive, parking garages, transit, waste management,

fire stations or food processing, we have the door you're looking for. The Hörmann product line has a door for any application, from one manufacturer.



Hörmann Burgettstown, PA



Hörmann Barrie, Ontario, Canada



**USGBC**  
MEMBER

Environmental commitment has been part of our corporate culture for decades. From our manufacturing processes to the products we make.

In everything we do we strive to minimize energy and use of resources through efficient processes, long-lasting quality and innovative engineering.

Connect with us!



Visit our website for more information!

Hörmann High Performance Doors  
Starpointe Business Park • 117 Starpointe Boulevard  
Burgettstown, PA 15021-9506  
Phone: 800.365.3667 • 724.385.9150 • Fax: 724.385.9151  
www.hormann.us • Email: info2@hormann.us

Hörmann TNR Doors  
200 Fairview Road • Unit # 2  
Barrie, Ontario L4N 8X8  
Phone: 866.792.9968 • Fax: 705.735.9564  
www.TNRdoors.com • Email: info@tnrdoors.com