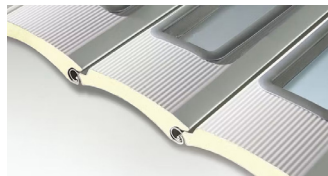


Product Data Sheet

SR 9500 LS

High-Performance Rolling Steel Door
with Insulated Curtain Panels

HÖRMANN



- Superior performance and reliability with springless design and direct-drive motor
- Push-to-operate safety equipped, standard. Non-contact light curtain protection feature optional
- Efficient operation, with speeds of 8 in./sec., open, 8 in./sec. close
- Steel Decotherm® Polyurethane insulated slats for reduced energy transfer

The Steel Ranger™ 9500 LS low speed, secure line of doors provide strong and durable Decotherm® insulated steel slats with an attractive surface finish.

Key Product Information		Description	Remark
Application		Interior/Exterior	
Size Range	Width	4ft 0in - 26ft 3in	Reference Door Size Matrix
	Height	6ft 0in - 16ft 0in	
Speed	Opening	8 in/s	0.2 m/s
	Closing	8 in/s	
Windload			Consult Factory for Details
Operational Temperature		4 to 104°F -15 to 40°C	
Warranty		5 & 2 years. Motor / gearbox and Panels (5), all other mech. / elec. (2)	

● Standard ○ Optional

Safety Features	Description	Remark	
Activation	Constant Contact Push Button		●
Light Curtains	UL325 Rated Light Curtains Provide Touchless Safety	With Aluminum Light Curtain Protection Cover if Exterior Mounted	○
Reversing Edge	UL325 Electronic Wireless Reversing Edge and Thru-Beam Sensors		○
Emergency Egress in the Event of Power Failure	Chain Hoist		●
Operator Safety Catch System	Integrated UL325 Safety Catch System		●

SR9500LS - SIZE MATRIX

SR9500LS - SIZE MATRIX							
Door Height	mm	ft/in					
	4877	16' 0"					
	4725	15' 6"					
	4572	15' 0"					
	4420	14' 6"					
	4268	14' 0"					
	4115	13' 6"					
	3963	13' 0"					
	3810	12' 6"					
	3658	12' 0"					
	...	...					
	1829	6' 0"					
	ft/in	4' 0"	...	25' 0"	25' 6"	26' 0"	26' 3"
	mm	1220	...	7620	7773	7925	8001
Door Width							

Product Data Sheet

**SR 9500 LS**

High-Performance Rolling Steel Door with Insulated Curtain Panels

● Standard ○ Optional

Design Specifications		Description		Remark	
Panel Design	Solid Door Panels	Decotherm® Polyurthane Insulated Slats	RAL9006 with Proprietary Low Friction Coating		●
		Zinc, Class G40 (0.4 oz. per SF)			
	Polyurethane foam density 2.0 pcf (33kg/m3)	Custom Colors (Specify RAL#)		○	
	Vision Door Panels	Decotherm® Polyurthane Insulated Slats			
		Imact Resistant Polycarbonate Window Elements			○
	Portal Dimension: 6 ¼ in x 2 ½ in	RAL9006 with Proprietary Low Friction Coating, OR Custom Colors (Specify RAL#)	Portals Spaced Evenly over Width or 7 Centered on the Panel		
Ventilated Door Panels	Decotherm® Polyurthane Insulated Slats				
	Impact Resistant Ventilated Window Elements			○	
	Portal Dimension: 6 ¼ in x 2 ½ in				
	Open area per Portal = 4.18 In²				
Bottom Edge	Aluminum Bottom Bar	Anodized Aluminum with EPDM Rubber Edge			●
		Loop Seal		Standard on Exterior Openings. Optional on Interior.	○
Tracks	Aluminum	Mill Finish Aluminum		With Patented Door Panel Flex Funnel	●
		Painted or Powder Coated Any RAL			○
Weather Seals	Lintel Seal	Black Polypropylene Brush			●
	Track Seals	Black Polypropylene Brush		Standard on Exterior Openings. Optional on Interior.	○
Hood	Panel and Motor Covers	16Ga G90 Galvanized Steel			○
		Painted or Powder Coated Any RAL			○

Electrical Specifications		Description		Remark	
Drive System	Operator	Direct Drive Operator		IP54	●
	Encoder	Integrated DES Encoder for High Accuracy Door Positioning			●
	Brake	Control box activated 103 V DC brake			●
Control Box	On-Site Power Requirements	208V/3ph/60Hz	Reference Control Box Manual for Voltage Tolerances	Transformer Required for 208V 3ph	○
		230V/3ph/60Hz			○
		460V/3ph/60Hz			○
		575-600V/3ph/60Hz		Transformer Required for 575V 3ph	○
		Max 20 Amp OADK Slow Blow Fuse (Internal)			●
	Enclosure	NEMA 4 Indoor		Polycarbonate Enclosure	●
	Other Features	6 Programmable Inputs and 2 Programmable Relay Outputs			●
		Up to 0.5A of Onboard 24VDC for Accessories			●

Energy Analysis	Description		Remark
Thermal Resistance (R-Value)	R 8.0 (ft² x °F x hr)/BTU	1.41 (m² x K)/W	Per test EN 717-1, DASMA TDS-163 (Without Vision)
Heat Transfer Coefficient (U-Factor)	U 0.69 BTU/(hr x ft² x °F)	3.9 W/(m² x K)	Per ANSI/ DASMA 105
Acoustic Insulation	Rw 18 dB		Per test EN 717-2, ASTM E90