

# Product Data Sheet

## SM 2600 L

Large Format High-Performance Door with Flexible Curtain Panels



- The SM2600L comes standard with larger tracks, hinges, and bottom bar, making it perfect for rugged use.
- Durable hot-dipped galvanized steel guide tracks
- Variable frequency drive enables soft-start, soft-stop, decreasing drive system wear and increasing product life

The Speed-Master® 2600 L high-performance fabric doors for demanding, high-traffic interiors and exteriors.

Key Product Information		Description		Remark
<b>Application</b>		Interior/Exterior		
<b>Size Range</b>	Width	4ft 0in - 24ft 0in	1219mm - 7315mm	See Door Size Matrix Below
	Height	6ft 0in - 24ft 0in	1829mm - 7315mm	
<b>Speed</b>	Opening	Up to: 36 in/s	Up to: .91 m/s	Variable Speed Based on Opening Height
	Closing	Up to: 30 in/s	Up to: 0.76 m/s	
<b>Windload</b>		Consult factory for details.		Per standard EN 12424, DASMA 108
<b>Operational Temperature</b>		-4 to 104°F      -20 to 40°C		
<b>Maximum Cycles Per Hour</b>		15 cycles/hour		
<b>Warranty</b>		5 & 2 years. Motor / gearbox and Panels (5), all other mech. / elec. (2)		

● Standard      ○ Optional

Safety Features	Description	
<b>Light Curtains</b>	Integrated UL325 Rated Light Curtains in Tracks Providing Touchless Safety	●
<b>Reversing Edge</b>	Electronic Wireless Reversing Edge (with Aluminum Bottom Bar) and UL 325 Thru-Beam Sensors	○
<b>Emergency Egress in the Event of Power Failure</b>	Chain Hoist	●
<b>Anti-Fall</b>	Integrated UL325 Anti-Fall device	●

### SM2600L - SIZE MATRIX

<b>Door Height</b>	<b>mm</b>	<b>ft/in</b>																		
	7315	24' 0"																		
	7163	23' 6"																		
	7010	23' 0"																		
	6858	22' 6"																		
	6706	22' 0"																		
	6553	21' 6"																		
	6401	21' 0"																		
	6248	20' 6"																		
	6096	20' 0"																		
	5944	19' 6"																		
	5791	19' 0"																		
	5639	18' 6"																		
	5486	18' 0"																		
	5334	17' 6"																		
	5182	17' 0"																		
	5029	16' 6"																		
	4877	16' 0"																		
...	...																			
1829	6' 0"																			
	<b>ft/in</b>	4' 0"	...	16' 6"	17' 0"	17' 6"	18' 0"	18' 6"	19' 0"	19' 6"	20' 0"	20' 6"	21' 0"	21' 6"	22' 0"	22' 6"	23' 0"	23' 6"	24' 0"	
	<b>mm</b>	1219	...	5029	5182	5334	5486	5639	5791	5944	6096	6248	6401	6553	6706	6858	7010	7163	7315	
		<b>Door Width</b>																		

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● Standard ○ Optional

Design Specifications		Description	Remark
Panel Design	Bulldog XT	Abrasion Resistant 2-Ply 1/8in (2.8mm) Thick Poly-Reinforced 90Oz/Yd <sup>2</sup> Vinyl	Available in Orange, Blue, Black, and Gray. ●
	Vision Section	Full Width Vision Panel 1/8in (3mm) Clear PVC	2 Vision ● 1 Vision or No Vision ○
	Screen Section	Vinyl coated 1000 density polyester core yarn in warp and fill. 0.03in (0.75mm) Thick, 10.3 oz./yd <sup>2</sup>	Fabric Openness 46.9% ○ Full-Width Continuous Screen ○
	Aluminum Hinge Profiles	6063-T6 Clear Anodized Extruded Aluminum	●
Bottom Edge	Aluminum Bottom Bar	6063-T6 Clear Anodized Aluminum with EPDM Rubber Edge and Loop Seal	●
Tracks		11Ga self supporting HDG steel tracks, 11Ga HDG steel covers	●
Weather Seals	Lintel Seal	Black Polypropylene Brush	●
	Track Seals	Dual Black Polypropylene Brush Track Seals with UHMW Wear Guide	●

Electrical Specifications		Description	Remark
Drive System	Operator	Direct Drive 3.3hp Operator. 265V Δ 9.9 FLA (for 3ph feed)	See Control Box Requirements for Field Connection Voltage Feed Specifications IP54 ●
	Encoder	Integrated DES Encoder for High Accuracy Door Positioning	●
	Brake	Integrated 24 Vdc Holding Brake	●
Control Box	On-Site Power Requirements	208 - 240V/3ph/60Hz	Transformer Supplied ○
		460-480V/3ph/60Hz	Reference Control Box Manual for Voltage Tolerances ○
		575-600V/3ph/60Hz	Transformer Supplied ○
		Max 20 Amp Class CC Fuses Required	●
	NXT VFD With Quick Connect Terminals		Listed Per UL 61800-5-1, UL325, and UL991 ●
	Enclosure		NEMA 4X Indoor RAL7035 Light Gray Powder Coated Finish ● NEMA 4X Indoor 304 Stainless Steel ○
Other Features	10 Programmable Inputs and 3 Programmable Relay Outputs		●
	Up to 2.4A of Onboard 24VDC for Accessories		●
	Expansion Boards		1&2 Channel Loop Detectors; I/O Expansion Options ○

Energy Analysis		Description	Remark
Visible Transmittance		0.83	Per calc ANSI / NFRC 200-2014 (Clear Vision Panels)
Solar Heat Gain Coefficient (G-Value)		0.81	Per test EN 717-1, DASMA TDS-163 (Without Vision)
Thermal Resistance (R-Value)		R 1.73 (ft <sup>2</sup> x °F x hr)/BTU      R 0.3 (m <sup>2</sup> x K)/W	Per test EN 717-1, DASMA TDS-163 (Without Vision)
Heat Transfer Coefficient (U-Factor)		U 0.58 BTU/(hr x ft <sup>2</sup> x °F)      3.30 W/(m <sup>2</sup> K)	Per test EN 12667: 199997-11, DASMA TDS-105
Acoustic Insulation		STC 24      Rw 21 dB	Per test EN 717-2, ASTM E90



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