

Product Data Sheet

SC 1400 SEL19 Clean-Master 20Pa

Flexible High Speed Door with Enhanced Environmental Control

HÖRMANN



Speed-Commander™ 1400 SEL19 Clean-Master 20 Pa high speed flexible door in blue with vision panel and aluminum bottom bar (standard).

- Smart Start™ NXT, NEMA 4X programmable control box available with 304 stainless steel enclosure
- Speed: Up to 80 in/sec. open, 30 in/sec. close
- Extruded Aluminum Bottom Profile, offered standard
- Optional 304 Stainless Steel components
- Space saving 6 in Wide x 3 ½ in Projection compact side frames with dual vinyl seals
- Features non-contact light grid protection
- Tough, 2-ply reinforced puncture resistant Commander™ fabric curtain panels
- 1 Standard full-width clear PVC vision area
- Panel Colors: White, Yellow, Orange, Red, Blue, Gray
- Optional Soft Edge Bottom Bar reinforced with light-weight aluminum spring steel (optional)
- Best-in-class 5 & 2 year warranty

Technical Data	Imperial	Metric	Remark
Application	Interior		Hood required for low clearance doors
Speed	Opening up to 80 in/s Closing up to 30 in/s	Opening up to 2.03 m/s Closing up to 0.76 m/s	Variable speed based on opening height
Control Panel	Smart Start™ NXT W x H x D (in) 11 ½ x 15 ¾ x 8 ½	W x H x D (mm) 295 x 400 x 216	Standard, NEMA Type 4X rated SmartControl M2M activation optional
Roll-up Technology	Hollow-core steel roll tube with precision-welded axles		Standard Galv. (optional Stainless Steel)
Door Construction	Overhead Coiling		
Size Range	Width 4 ft-0 in up to 10 ft 0in Height 4 ft 0 in up to 10 ft 0 in	Width 1.22 m up to 3.05 m Height 1.22 m up to 3.05 m	Standard
Guide Track Profile	W x D (in) 6 x 3 ½	W x D (mm) 152 x 89	(W x D)
Roll Tube Diameter	6 ¼ in	159 mm	6 in (152 mm) for 304 stainless steel
Solid Slat (Panel) Profile	W x D (in) 47 ¼ x ½	W x D (mm) 1200 x 3	
Visible Material Height (Window Size)	W x D (in) 36 x ¾ ₃₂	W x D (mm) 914 x 2	Begins at 52 in (1.32 m) above finished floor
Required Headroom	17 ¼ in min.	438 mm min	Headroom to increase with optional hood
Drive Mechanics	Direct-drive operator keyed to Roll Tube		
Counterbalance System	Not Required		
Braking	Control box activated 24V DC brake		Standard
Cycleability / Maintenance	High Cycleability Inspect at 6 mo. Intervals		Consult factory for details
Safety Features	Integrated in-line light grid, hand crank open / close		Optional Chain Hoist Available
Resistance to Wind Load (Max per Door Width)	Up to 0.42 psf; 0.08 in H2O; 13 mph	Up to 2 kg/m ² ; 2 mm H2O; 6 m/s	Per standard EN 12424, DASMA 108
Fire Resistance Rating (Behavior)	Non-rated, Non-conforming exit		Per 2012 IBC Section 1008
Manufacturer Warranty	5 & 2 years. Motor / gearbox and Panels (5), all other mech. / elec. (2)		Standard

Product Data Sheet

SC 1400 SEL19 Clean-Master 20Pa

Flexible High Speed Door with Enhanced Environmental Control



Materials & Finishes	Description		Remark
Guide Tracks, Covers & Guards (Guides)	12-ga. HDG steel tracks		Zinc, Class G90 (Stainless Steel 304 optional)
Door Headers, Spiral Guides, Drive Shaft Support	5 mm Hot-dipped galvanized steel		Zinc, Class G90 (3 mm Stainless Steel 304 optional)
Weather Seals	Dual white vinyl jamb seals. Vinyl loop lintel seal.		Jamb: White / Lintel: Black
Solid Door Slats (Panels)	White Abrasion resistant, 2-ply poly-reinforced "Commander™" PVC sheet, 1.4 mm Thick, 58 oz./yd ²		Optional Color Availability: Yellow, Orange, Red, Blue, Gray, (58 oz./yd ²)
Vision Door Slats (Panels)	Abrasion resistant, transparent PVC sheet, 2.0 mm Thick		Color Availability: Clear
Bottom Profile (Bar) Door Slat	Clear Anodized Extruded Aluminum Profile		Optional Soft Edge Bottom Bar with spring steel reinforcing available.
Panel Connectors (Hinges)	Clear Anodized Extruded Aluminum Profile		Standard
Electric Door Operator	Cast aluminum		Stainless Steel optional
Control Panel	Standard: Baked-on polyester powder coat paint. Color RAL 7035 Light Gray		304 Stainless Steel optional
Hood and Motor Cover (Optional)	14-ga. Hot-dipped galvanized steel		Zinc, Class G90 (16-ga. 304 Stainless Steel optional)
Energy Analysis	Imperial	Metric	Remark
Visible Transmittance	0.8		Per calc ANSI / NFRC 200-2014 (Clear Vision Panels)
Acoustic Insulation	STC 35, Rw 35 dB		Per test EN 717-2, ASTM E90
LEED Credit (Potential)	EAc2; Optimize Energy Performance (20 pts) MRc1; Environmental Product Declarations (1 pts) MRc3; Environmental Product Declarations (3 pts) IEQc2; Low-Emitting Materials (3 pts) IEQc4; Thermal Comfort (1 pt) INc1; Innovation (5 pts) RPr1; Regional Priority Specific Credit (1 pt)		USGBC® LEED v4
Electrical	Description		Remark
Electric Door Operator	2.0 HP GfA Elektromaten F15		NEMA Type 3 / IP54
Operating Voltage (Motor)	132vAC, 3 PH		From Control Box to Motor
Control Panel	5 KW variable frequency drive rated for operating voltage		NEMA Type 4X / IP66, UL/CUL Listed
Standard Power Requirement (to Control Box)	230 vAC, 1 PH or 208vAC* - 575 vAC*, 3 PH, 60 Hz		*Transformer may be required at voltage limits
Full Load Amps	13.3 A		Operator
Disconnect	Fuse: 20 Amp, Class CC		Service to Control Box. Supplied by Others



Hörmann High Performance Doors | 117 Starpointe Blvd. | Burgettstown, PA 15021-9506
1-800-365-3667 | info2@hormann.us | hormann.us