

Product Data Sheet

HD-DD 3065

HD SERIES Direct Drive Rubber Door

HÖRMANN



The HD-DD 3065 offers the full heavy duty rubber door design for harsh, demanding environments while providing the speed and durability industry demands.

- The HD-DD 3065 offers the full heavy duty rubber door design for harsh, demanding environments.
- A variable frequency drive (VFD) provides soft start and soft stop, ensuring smooth operation and extending life of the mechanical system.
- Springless direct drive system is simple to install, low maintenance while providing high-speed operation.

Technical Data	Imperial	Metric	Remark
Application	Interior / Exterior		
Speed	Opening: 64 in/s Closing: 30 in/s	Opening: 1.60 m/s Closing: 0.80 m/s	
Control Panel	W x H x D (in) 11.625 x 15.75 x 8.5	W x H x D (mm) 295 x 400 x 215	
Roll-up Technology	Roll tube with precision-welded axles		
Size Range	Width 6 ft 0 in up to 30 ft 0 in Height 6 ft 0 in up to 30 ft 0 in	Width 1.83 m up to 9.14 m Height 1.83 m up to 9.14 m	
Mounting angle / Guide track Assembly Profile	W x D (in) 5.25 x 9 9.25 x 9	W x D (mm) 140 x 230 230 x 230	Steel mount Concrete mount
Roll Tube Diameter	8.625 in x 0.322 in thick wall	219 mm x 8.2 mm thick wall	
Visible Material Height (Window Size)	16 in x 16 in, ½ in thick	406 mm x 406 mm 3 mm thick	
Required Headroom	32.5 in 37 in	825 mm 940 mm	Opening height up to 17 ft (5185 mm) Opening height over 17 ft (5185 mm)
Drive Mechanism	Direct drive operator with manual chain hoist		
Counterbalance System	Not Required		
Braking	Control box activated 24 VDC disc brake		
Cycleability / Maintenance	Up to 500 per day (size dependent) / Inspection every three months		
Safety Features	Integrated in-line light grid, manual chain hoist		
Resistance to Wind Load (Max per Door Width)	20 psf, wind class 5	1.0 kPa wind class 5	ANSI / DASMA 108-2002
Fire Resistance Rating (Behavior)	Non-rated, Non-conforming exit		
Manufacturer Warranty	Curtain - Limited lifetime Operator - 5 years or 1 million cycles / General - 2 years		Curtain - 10 years in Europe

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Materials & Finishes	Imperial	Metric	Remark
Guides	5 in aluminum extrusion guards	127 mm aluminum extrusion guards	
Mounting Angles	Rollformed high strength galvanized steel, 10 gauge with gussets		
Guide Guards	Rollformed high strength galvanized steel, 10 gauge		
Roll Tube	Galvanized steel		
End Plates	Zinc dichormate plated steel		
Weather Seals	Self sealing rubber curtain / guides, EPDM loop seal on bottom bar, brush seal at lintel		
Curtain	Standard ¼ in Black SBR (Styrene-Butadiene Rubber)	Standard 6 mm Black SBR (Styrene-Butadiene Rubber)	Optional: ¼ in (6 mm) Blue or Grey EPDM (Ethylene Propylene Diene Monomer), Black Nitrile, Black MSHA (Mine Safety and Health Administration)
Curtain Temperature Rating	SBR: -40°F to 185°F	SBR: -40°C to 85°C	Grey EPDM: -63°F (-53°C) to 185°F (85°C) Blue EPDM: -56°F (-49°C) to 185°F (85°C)
Bottom Profile (Bar) Door Slat	Extruded aluminum weighted bottom bar with patented pivoting arms		
Electric Door Operator	DD direct drive operator		
Control Panel	Smart Start™ NXT with VFD, powder coated enclosure		Optional Smart Start XL with heater / Optional stainless steel enclosure
Hood and Motor Cover (Optional)	18 gauge galvanized steel		
Truss	N/A as standard		Included with guide mount windbar only - Fabricated steel construction, painted
Idler Barrel	Galvanized steel 6.25 in diameter x 0.16 in thick wall	Galvanized steel 159 mm diameter x 4 mm thick wall	
Energy Analysis	Imperial	Metric	Remark
Thermal Resistance (R-value)	0.73 hr·ft²·°F/BTU	0.13 m²·K/W	ASTM C518 – 10
Heat Transfer Coefficient (U-value)	1.36 BTU/hr·ft²·°F	7.74 W/m²·K	ASTM C518 – 10
Acoustic Insulation	Sound transmission Class (STC) 28 dB Outdoor-Indoor transmission class (OITC) 23 dB		ASTM E 90-09 / E 413-10 / E1332 - 10a
Electrical	Description		Remark
Electric Door Operator	GFA Elektromaten 2.0 to 5 hp (1.5 to 3.75 kW) varies by door size		NEMA Type 3 / IP54
Motor Voltage	230 - 272 VAC, 3 PH, 60 Hz		Voltage dependent on door / operator size
Control Panel	6.7 hp (5 kW) variable frequency drive rated for operator voltage		NEMA Type 4X / IP66, UL/CUL/CE Listed
Standard Power Requirement	208-230V, 3 Phase, 60 Hz, Max. full load amps 16.2 A 460-480V, 3 Phase, 60 Hz, Max. full load amps 7.3 A 575-600V, 3 Phase, 60 Hz, Max. full load amps 5.9 A		Buck-Boost transformers may be required at 208v, 50Hz available
Disconnect	Fuse: 20 A, Class K		Service to control box supplied by others



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