

Product Data Sheet

HD-DD 3065

HD SERIES Direct Drive Rubber Door



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 |

Product Data Sheet



HD-DD 3065

HD SERIES Direct Drive Rubber Door

| 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 dichromate 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·ft ² ·°F/BTU | 0.13 m ² ·K/W | ASTM C518 – 10 |
| Heat Transfer Coefficient (U-value) | 1.36 BTU/hr·ft ² ·°F | 7.74 W/m ² ·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 |
| Operating Voltage (Motor) | 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 (to Control Box) | 208 - 600 VAC, 3 PH, 60 Hz | | Buck-Boost transformers may be required at 208v, 50Hz available |
| Full Load Amps | 7.6 to 12.4 A | | Operator |
| Disconnect | Fuse: 20 A, Class K | | Service to control box supplied by others |



TNR Industrial Doors | 200 Fairview Road, Unit #2 Barrie, ON Canada L4N 8X8
1-866-792-9968 | 705-792-9968 | hormann.ca