

SPEC SHEET

Rubber Roll-Up Doors

HDC/HDC-DD High Cycle Rubber Door

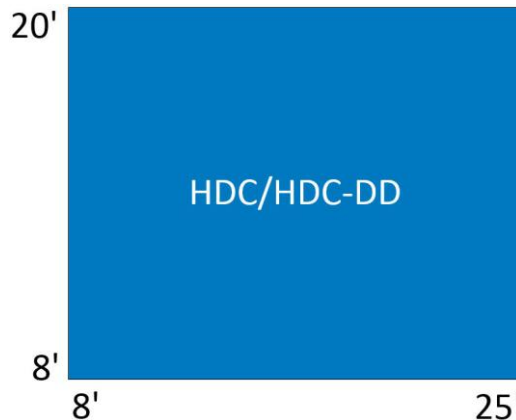


GENERAL DESCRIPTION: High cycle springless operation with Variable Frequency Drive. Suitable for applications up to 25 feet wide and 20 feet high. Self-supporting steel mounting angle. Knock-away double angle steel bottom bar with rubber loop and reversing edge. Thru-beam photoelectric sensor. Heavy-duty gear head Direct Drive Operator (no sprockets or chains required). Multi-function capacity PLC with inverter drive for soft start soft stop operation. Door speeds of up to 48" per second to open; up to 30" per second to close (depending on door size)

APPLICATION EXAMPLE: Manufacturing, mining, food processing, automotive, bus

transit stations, parking garages, postal, airports, and railways.

DOOR SIZES:



TNR® Mechanical Features

- 1/4" Black SBR rubber with polyester core weave. Flexible and resistant to abusive environments and impacts in temperatures from -40°F to 180°F.
- Patented NEWGEN® guide and Curtain Lok™ system. Reliable and consistent door operation with impact release performance. No guide gap maintenance required.
- Withstands impact. After an impact, the door is up and running in minutes.
- Knock-away double angle steel bottom bar with rubber loop and reversing edge.
- Sleek profile with easy installation, reduced clearances & minimal maintenance.
- No hinges, cables, pulleys, or tension springs.
- Self-supporting steel frame.
- Door sizes from 8' x 8' up to 20' x 20' and 25' x 15'
- Guide mounted thru-beam photoelectric sensor.
- Options: colours, windows, hoods, traveling windbar, and MSHA-rated self-extinguishing curtains.

TNR® Drive Features

- High Efficiency Helical Gear Head (HG) Operator (HDC)
- Heavy Duty Gear Head Direct Drive Operator (HDC-DD)
- Options: access controls and speciality functions.

Standard Features

- ¼" SBR rubber, polyester core weave.
- Reliability in temperatures of -40 degrees Fahrenheit to +180 degrees Fahrenheit.
- 2-year warranty on parts and workmanship.
- Sleek profile, easy installation, reduced clearances & minimal maintenance.
- No hinges, cables, pulleys or tension springs.
- Limited lifetime warranty on curtain and NEWGEN Guide System.
- Patented NEWGEN Guide and Curtain Lok System. After an impact, the door is up and running in minutes.

Standard Features	HDC	HDC-DD
Open/Close Speed —Inches per second (up to)	30/20	48/30
Direct Drive —Heavy Duty Worm Gear Head Operator		●
Chain Drive —Helical Gear Head Operator—For reduced side room	●	
Type of curtain —1/4" Black SBR rubber with polyester core weave	●	●
Reversing edge —Pressure sensitive wireless edge	●	●
Control panel —Multi-function capacity PLC with inverter drive for soft start/soft stop operation	●	●
Integrated control board —Provides advanced on-site programming capability		●
Activation —Remotes, pull cords, loop detectors	●	●
Self Supporting Steel Frame —Steel Mounting Angle	●	●
Warranty —Limited lifetime on curtain and NEWGEN Guide. Five years or 1,000,000 cycles on operators with frequency drive. Two years on parts and workmanship.	●	●

Additional Door Options

MECHANICAL OPTIONS	ELECTRICAL OPTIONS
<input type="checkbox"/> - GUIDE MOUNTED WINDBAR	<input type="checkbox"/> - FUSED DISCONNECT
<input type="checkbox"/> - JAMB MOUNTED WINDBAR	<input type="checkbox"/> - LOOP DETECTOR
<input type="checkbox"/> - GUIDE GUARDS	<input type="checkbox"/> - WIRELESS RECEIVER
<input type="checkbox"/> - *** EXTERIOR HOODS	<input type="checkbox"/> - WIRELESS TRANSMITTER, QTY _____
<input type="checkbox"/> - *** SAFETY CHAIN GUARDS	<input type="checkbox"/> - N 4X, PUSHBUTTON ST'N, QTY _____
<input type="checkbox"/> - 16" x 16" WINDOWS, QTY _____	<input type="checkbox"/> - MOTION DETECTOR, QTY _____
<input type="checkbox"/> - ELECTRIC REVERSING EDGE	<input type="checkbox"/> - ADD. THRU-BEAM PHOTOEYE, QTY _____
<input type="checkbox"/> - BLUE EPDM CURTAIN	<input type="checkbox"/> - ADD. REFLECTIVE PHOTOEYE, QTY _____
<input type="checkbox"/> - GRAY EPDM CURTAIN	<input type="checkbox"/> -
<input type="checkbox"/> - OPTIONAL DIRECT CONNECT INERTIA BRAKE FOR DOORS <= 20' 0" x 10' 0")	<input type="checkbox"/> -
<input type="checkbox"/> -	<input type="checkbox"/> -

TNR Standard Door Features Guide

Model	Mounting Location (Interior/ Exterior)	Opening Type (Interior/ Exterior)	Static Winload (PSF)	Maximum W x H (ft)	Std. Curtain Material	Guides	Standard Controls	Optional Controls	Operator	Max. Opening Speed ² (Inches per second)	Spring Cycle Rating (,000)	Egress	Standard Photo Cell	Standard Reversing Edge
HDM	Int / Ext	Int / Ext	20	20 x 20	SBR Rubber	Aluminum	n/a	n/a	Manual Chain Hoist	n/a	50	Manual Chain Hoist	n/a	n/a
HDE	Int / Ext	Int / Ext	20	20 x 20	SBR Rubber	Aluminum	OMC	Relay Logic, PLC	RG	18	100	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDS	Int / Ext	Int / Ext	20	20 x 20	SBR Rubber	Aluminum	PLC / VFD	none	HG	60	100	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDT	Int / Ext	Int / Ext	20	20 x 20	SBR Rubber	Aluminum	PLC	OMC, Relay Logic	HG	30	100	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDC	Int / Ext	Int / Ext	20	20 x 20 or 25 x 15	SBR Rubber	Aluminum	PLC / VFD	none	HG	30	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDC_DD	Int / Ext	Int / Ext	20	20 x 20 or 25 x 15	SBR Rubber	Aluminum	Feig	PLC / VFD ³	GFA	48	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDP	Int / Ext	Int / Ext	20	25 x 10	SBR Rubber	Aluminum	PLC / VFD	none	HG	30	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDL23	Int / Ext	Int / Ext	20	20 x 30 or 25 x 20	SBR Rubber	Aluminum	PLC	OMC, Relay Logic	HG	20	50	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDL45	Int / Ext	Int / Ext	20	25 x 30 or 30 x 20	SBR Rubber	Aluminum	PLC	OMC, Relay Logic	HG	18	50	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDL_DD	Int / Ext	Int / Ext	20	No exact size ¹	SBR Rubber	Aluminum	Feig	PLC / VFD ³	GFA	48	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDXL6	Int / Ext	Int / Ext	20	35 x 25	SBR Rubber	Aluminum	PLC	OMC, Relay Logic	HG	12	50	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDXL9 ⁵	Int / Ext	Int / Ext	20	55 x 35	SBR Rubber	Aluminum	PLC	OMC, Relay Logic	HG	12	50	Emergency Chain Hoist	Through Beam	No reversing Edge
HDF	Interior	Interior	n/a	16 x 16	PVC Fabric	Aluminum	Feig	none	GFA	60	n/a	Emergency Hand Crank	Through Beam	ASO 2 Wire Edge
Chillfast	Interior	Interior	n/a	12 x 16	Insulated PVC	Aluminum	Feig	none	GFA	75	n/a	Emergency Hand Crank	Through Beam	ASO 2 Wire Edge
HSR-007	Int / Ext	Int / Ext	20	19 x 19	Aluminum Stat	Galv. Steel	Feig	none	GFA	54 ⁴	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDFX	Int / Ext	Int / Ext	20	18 x 18	SBR Rubber / PVC	Aluminum	Feig	none	GFA	60	n/a	Emergency Chain Hoist	Through Beam	Wireless Air Wave
HDD	Int / Ext	Int / Ext	20	10 x 12	SBR Rubber	Aluminum	n/a	n/a	Manual Chain Hoist	n/a	25	Manual Chain Hoist	n/a	n/a



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