

Dok-Guardian[®] LDXL Safety Barrier

Simple, easy-to-use safety solution for almost any loading dock, drop-off or protection need.



Help prevent loading dock accidents

- » Helps prevent carts, pedestrians and non-motorized lift trucks from falling off the dock that can result in serious injuries that are sometimes fatal
- » Can be used inside a facility to separate people from production and material handling equipment or define work zones
- » Meets guardrail requirements under OSHA 1910.29 (Walking Working Surfaces).

Designed for impact

- » Designed to stop up to 5,500 lbs (2500 kg). Consult the Dok-Guardian™ LDXL BLAST Impact Rating Chart for complete weight and speed ratings
- » 58" (1475 mm) high yellow barrier with black restraining straps
- » Serves as a highly visible warning sign
- » Operated manually and easily fits across openings up to 10'5" (3175 mm) wide
- » Anchored on either side by 62" (1575 mm) tall yellow safety Warden guards, which provide excellent door track protection
- » Retracts into one of the Wardens when loading or unloading trailer

Flexible design

- » Can be used inside a facility to separate people from production equipment and material handling
- » Designed to integrate with Rite-Hite's powerful Dok-Lok[®] system to ensure full-time loading dock safety
- » When interlocked, the red light on the Dok-Lok control box indicates that the Dok-Guardian's curtain is safely locked across the opening
- » When the lock button on the Dok-Lok is pressed and the inside light turns green, the Dok-Guardian interlock releases, allowing for loading and unloading of trailer



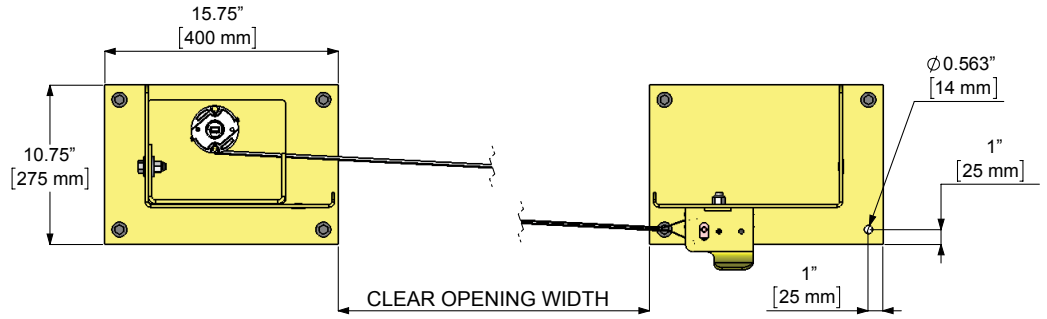
Secondary Assist Handle

Magnetic Proximity Switch

Electronic Linear Actuator

Specifications/Survey

Date _____
 Company Name _____
 Address _____
 City _____
 State _____ Zip Code _____
 Representative _____
 Salesperson _____
 Quantity: _____ Signature: _____



Curtain Pull Direction:

- From Left to Right
- From Right to Left (shown)

Interdeterrent/Interlock Option:

- None (Default)
- Interdeterrent (See note #3)
- Interlock (See note #4)
- Interlock with Light Communication (See note #5)

Standard Clear Opening Widths:

- 2'-6" to 3'-5" (760-1040 mm)*
- 3'-6" to 4'-5" (1065-1345 mm)*
- 4'-6" to 5'-5" (1370-1650 mm)*
- 5'-6" to 6'-5" (1675-1955 mm)*
- 6'-6" to 7'-5" (1980-2200 mm)*
- 7'-6" to 8'-5" (2285-2565 mm)
- 8'-6" to 9'-5" (2590-2870 mm)
- 9'-6" to 10'-5" (2895-3175 mm)

* Sizes that may have longer lead times.

Notes:

1. Dok-Guardian Interdeterrent/Interlock can only be used with Rite-Hite Vehicle Restraints.
2. Additional components may be required for the Interdeterrent/Interlock option.
3. Interdeterrent — Dok-Guardian must be stored in "working position" across opening before power to the Dok-Lok Unlock switch is available.
4. Interlock — Inside Green Light must be present on the Dok-Lok before the Dok-Guardian curtain can be released from the "working position" across the opening. The Dok-Guardian must be stored in the "working position" across the opening before power to the Dok-Lok Unlock switch is available.
5. Light Communication Option may be applied to applications without a restraint. Option includes an interior control box with red/green lights, and outdoor red/green light assembly.

BLAST Impact Rating Chart - Dok-Guardian® LDXL

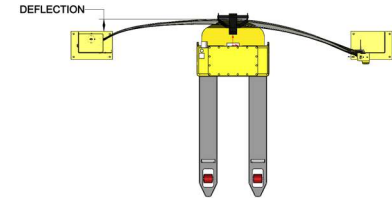
MPH	Ft/sec	M/sec	Weight (lbs)											
			1000	1300	1800	2000	2500	3000	3500	4000	4500	5000	5500	
			Mass (kg)											
			454	590	816	907	1134	1361	1588	1814	2041	2268	2495	
			KE (Joules)											
1.0	1.5	0.44	44	57	79	88	110	132	154	176	198	220	241	
1.5	2.2	0.67	102	132	183	204	255	305	356	407	458	509	560	
2.0	2.9	0.89	180	234	323	359	449	539	629	719	808	898	988	
2.5	3.7	1.11	279	363	503	559	699	838	978	1118	1257	1397	1537	
3.0	4.4	1.34	407	529	733	814	1018	1222	1425	1629	1833	2036	2240	
3.5	5.1	1.56	552	718	993	1104	1380	1656	1932	2208	2484	2760	3036	
4.0	5.9	1.78	719	934	1293	1437	1796	2156	2515	2874	3234	3593	3952	
4.5	6.6	2.01	916	1191	1649	1833	2291	2749	3207	3665	4123	4581	5040	
5.0	7.3	2.23	1128	1466	2030	2256	2820	3384	3947	4511	5075	5639	6203	
5.5	8.1	2.45	1361	1770	2450	2723	3403	4084	4765	5446	6127	6808	7487	
6.0	8.8	2.68	1629	2118	2932	3258	4072	4887	5701	6516	7330	8145	8959	

- Will absorb multiple impacts at this level with minimal damage. (1397 Joules maximum)
- Will absorb an impact, may sustain damage. (3593 Joules maximum)
- Will not absorb an impact of this level.

* The Barrier Load And Speed Test (BLAST) chart expresses an impact rating in terms of kinetic energy. Consult [The Science of Safety](#) white paper for a complete explanation of the information contained within this chart.

Dok-Guardian LDXL Deflection*

KE (Joules)	Inches	mm
1000	13.5	343
2000	17.0	432
3000	20.5	521
3600	23.0	584



*Deflection measured from back of base plate

Round up the Joules in the BLAST Impact Rating Chart to determine the appropriate Deflection dimension. For example, 438 Joules would be rounded up to 1000 in the Deflection Chart.



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