

ZHCW.R26900 - Swinging Doors, Exterior

Swinging Doors, Exterior

AADG Inc, DBA Concept Frames

2015 INDUSTRIAL DR

PO BOX 248

NEWTON, NC 28658-0248 United States

R26900

Model	Configuration	Max Size	Stiffness Class	Design Pressure (psf)	Impact (ft-lbs)	Latching Hardware Type	Latch Throw Min (in.)	Latch Strength Min (lbf)	Test Method(s)*
Steel stiffened	Single out- swing	3 ft - 0 in. by 7 ft - 0 in.	I	70	350	Cylindrical or mortise w/deadbolt,	1/2	735	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Steel stiffened	Single out- swing	3 ft - 0 in. by 7 ft - 0 in.	I	70	350	Rim exit device	3/4	735	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203

Steel stiffened	Pair out-swing	6 ft - 0 in. by 7 ft - 0 in.	I	70	350	Cylindrical (active) X Surface bolts (inactive) Mortise (active) X Surface bolts (inactive)	1/2	735	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Steel stiffened	Pair out-swing with active and inactive Rim Exit devices	6 ft - 0 in. by 7 ft - 0 in.	I	70	350	Rim exit device(active), Mullion (inactive leaf)	3/4	735	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Steel Stiffened	Pair out-swing	6 ft - 0 in. by 7 ft - 0 in	I	70	350	Concealed X Concealed Vertical Rod or Surface X Surface Vertical Rod	3/4	368	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203

* See ZHCH for ratings and construction details.

Model	Configuration	Max Size	Stiffness Class	Design Load (psf)	Impact Rating (ft-lbs)	Latching Hardware Type	Latch Throw Min (in.)	Min Latch Strength Min (lbf)
DE, DEMB	Single - Out-Swing	3-0, 7-0	V	+/- 50	350	Cylindrical	1/2	525
DE, DEMB	Single - Out-Swing	3-0, 7-0	V	+/- 50	350	Mortise	1/2	525
DE, DEMB	Single - Out-Swing	3-0, 7-0	V	+/- 50	350	Rim Exit	N/A	N/A
DE, DSS, DEMB, DS	Single - Out-Swing	3-0, 7-0	I	+/- 60	350	Mortise	1/2	630

DE, DSS, DEMB, DS	Single - Out-Swing	3-0, 7-0	I	+/- 60	350	Mortise Exit	N/A	N/A
DE, DSS, DEMB, DS	Single -Out-Swing	3-0, 7-0	I	+/- 70	350	Cylindrical, with or without Dead Bolt	1/2: Cylindrical Latch1: Opt. Dead Bolt	735
DE, DSS, DEMB, DS	Single - Out-Swing	3-0, 7-0	I	+/- 70	350	Interconnected	1/2: Cylindrical Latch 3/4: Opt. Dead Bolt	735
DE, DEMB, DSS, DS	Single - Out-Swing	4-0, 7-0	I	+65/-70	350	Cylindrical	1/2	910(+65); 980(-70)
DE, DEMB, DSS, DS	Single - Out-Swing	4-0, 7-0	I	+65/-70	350	Mortise	3/4	910(+65); 980(-70)
DE, DEMB, DSS, DS	Single - Out-Swing	4-0, 7-0	I	+65/-70	350	Rim Exit	N/A	910(+65); 980(-70)
DE, DEMB, DSS, DS	Single - Out-Swing	4-0, 7-0	I	+65/-70	350	Vertical Rod Exit	N/A	910(+65); 980(-70)
DE, DSS, DS	Single - Out-Swing	4-0, 8-0	I	+/-70	350	Mortise	3/4	1120
DE, DSS, DS	Single - Out-Swing	4-0, 8-0	I	+/- 70	350	Rim Exit	N/A	N/A
DE, DSS, DS	Single - Out-Swing	4-0, 8-0	I	+/-70	350	Vertical Rod Exit	N/A	N/A
DE, DSS, DEMB, DS	Single - In-Swing	3-0, 7-0	I	+/- 60	350	Cylindrical	1/2	630
DE, DSS, DEMB, DS	Single - In-Swing	3-0, 7-0	I	+/- 60	350	Mortise	3/4	630
DE, DSS, DEMB, DS	Single - In-Swing	3-0, 7-0	I	+/- 70	350	Cylindrical with Dead Bolt	1/2: Cylindrical Latch1: Dead Bolt	735
DE, DSS, DEMB, DS	Single - In-Swing	3-0, 7-0	I	+/- 70	350	Interconnected	1/2: Active Latch 1: Opt. Dead Bolt	735
DE, DSS, DEMB, DS	Single - In-Swing	3-0, 7-0	I	+/- 70	350	Mortise	3/4	735
DE, DSS, DEMB, DS	Pair - Out-Swing	8-0, 7-0	I	+/- 65	350	Rim Exit with Rem HM Mullion	N/A	N/A
DE, DSS, DEMB, DS	Pair - Out-Swing	6-0, 7-0	I	+65/-70	350	Cylindrical with Deadbolt X Flush bolt	1/2 Latch, 1 DB, FB	Latch: 683, FB: 342 each (+65); Latch: 735, FB: 368 each (-70)

DE, DSS, DEMB, DS	Pair - Out-Swing	8-0, 7-0	I	+65/-70	350	Cylindrical x Surface Bolt	1/2 Latch, 3/4 SB	Latch: 910, SB: 455 each (+65); Latch: 980, SB: 490 each (-70)
DE, DSS, DS	Pair - Out-Swing	8-0, 8-0	I	+/- 70	350	Mortise x Surface Bolt	3/4 Latch, 3/4 SB	SPL: 1120SB: 560 each
DE, DSS, DEMB, DS	Pair - Out-Swing	6-0, 7-0	I	+/-70	350	Mortise X Flush bolt	3/4 Latch, 1 FB	Latch: 735, FB: 368 each
DE, DSS, DEMB, DS	Pair - Out-Swing	8-0, 8-0	I	+/-70	350	Rim Exit with Hardware Mullion	N/A	N/A
DE, DSS, DEMB, DS	Pair - Out-Swing	8-0, 8-0	I	+/- 70	350	Vertical Rod Exit	N/A	N/A
DE, DSS, DEMB, DS	Pair - In-Swing	6-0, 7-0	I	+/-70	350	Mortise X Flush bolt	3/4 Latch, 1 FB	Latch: 735, FB: 368 each

Doors may be glazed with a windstorm resistant glazing material with a design load and impact rating the same or greater than the ratings present for the door.

Louvers are available on doors up to ± 70 psf.

Products also tested to TAS 201, TAS 202, TAS 203, PA 201, PA 202, PA 203, ASTM E330, ASTM E1886 and ASTM E1996.

See manufacturer's installation instructions.

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