

Model DE

File Number: R26900

COMPANY
AADG Inc, DBA Concept Frames
2015 INDUSTRIAL DR
PO BOX 248
NEWTON, NC 28658-0248 United States

MODEL INFO
DE

GENERAL

Configuration	Max. Opening Size Width (in)	Max. Opening Size Height (in)	Stiffness Class	Design Load (psf)	Negative Design Load (psf)	Impact (ft-lb)	Latching Hardware	Min. Latch Throw (in)	Min. Latch Strength (lbf)	Test Methods
Single Out-Swing	36	84	V	50	-50	350	Cylindrical	1/2	525	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	V	50	-50	350	Mortise	1/2	525	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	V	50	-50	350	Rim Exit			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS

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										202, TAS 203
Single Out-Swing	36	84	I	60	−60	350	Mortise	1/2		SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	I	60	−60	350	Mortise Exit			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	I	70	−70	350	Cylindrical, with or without Dead Bolt	1/2	735	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	I	70	−70	350	Interconnected: 1/2 Cylindrical Latch		735	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	36	84	I	70	−70	350	Interconnected: 3/4 Opt. Dead Bolt		735	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS

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										201, TAS 202, TAS 203
Single Out-Swing	48	84	I	65	−70	350	Cylindrical	1/2	980	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	84	I	65	−70	350	Mortise	3/4	980	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	84	I	65	−70	350	Rim Exit		980	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	84	I	65	−70	350	Vertical Rod Exit		980	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	96	I	70	−70	350	Mortise	3/4	1120	SDI A250.13, ASTM E330, ASTME1886, ASTM

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										E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	96	I	70	−70	350	Rim Exit			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single Out-Swing	48	96	I	70	−70	350	Vertical Rod Exit			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single In-Swing	36	84	I	60	−60	350	Cylindrical	1/2	630	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single In-Swing	36	84	I	60	−60	350	Mortise	3/4	630	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single In-Swing	36	84	I	70	−70	350	Cylindrical with Dead Bolt	1/2: Cylindrical Latch 1: Dead Bolt	735	SDI A250.13, ASTM E330, ASTME1886,

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										ASTM E1996, TAS 201, TAS 202, TAS 203
Single In-Swing	36	84	I	70	−70	350	Interconnected Active Latch 1: Opt. Dead Bolt	1/2	735	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Single In-Swing	36	84	I	70	−70	350	Mortise	3/4	735	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	84	I	65	−65	350	Rim Exit with Rem HM Mullion			SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	72	84	I	65	−70	350	Cylindrical with Deadbolt X Flush bolt	1/2 Latch	Latch: 683	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	72	84	I	65	−70	350	Cylindrical with Deadbolt X Flush bolt	1 DB, FB	FB: 342 each (+65)	SDI A250.13, ASTM E330,

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										ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	84	I	65	-70	350	Cylindrical x Surface Bolt	1/2 Latch	Latch: 980	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	84	I	65	-70	350	Cylindrical x Surface Bolt	3/4 SB	SB: 490 each (-70)	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	72	84	I	65	-70	350	Cylindrical with Deadbolt X Flush bolt	1/2 Latch	Latch: 683	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	72	84	I	65	-70	350	Cylindrical with Deadbolt X Flush bolt	1 DB, FB	FB: 342 each (+65)	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	84	I	65	-70	350	Cylindrical x Surface Bolt	1/2 Latch	Latch: 980	SDI A250.13,

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										ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	84	I	65	−70	350	Cylindrical x Surface Bolt	3/4 SB	SB: 490 each (−70)	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	96	I	70	−70	350	Mortise x Surface Bolt	3/4 Latch	1120	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	96	I	70	−70	350	Mortise x Surface Bolt	3/4 SB	560	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	72	84	I	70	−70	350	Mortise X Flush bolt	3/4 Latch	735	SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203

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Pair Out-Swing	72	84	I	70	−70	350	Mortise X Flush bolt	1 FB	368	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	96	I	70	−70	350	Rim Exit with Hardware Mullion			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair Out-Swing	96	96	I	70	−70	350	Vertical Rod Exit			SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair In-Swing	72	84	I	70	−70	350	Mortise X Flush bolt	3/4 Latch	Latch: 735	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Pair In-Swing	72	84	I	70	−70	350	Mortise X Flush bolt	1 FB	FB: 368 each	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS

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										202, TAS 203

GENERAL

Additional Information

Also Tested to PA 201, PA 202, PA 203

Report Date: 2004-06-16

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