

Model DS

File Number: R26900

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

MODEL INFO
 DS

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	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 1/2 or without Dead Bolt		735	SDI A250.13, ASTM E330, ASTME1886, ASTM E1996, TAS 201, TAS

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										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 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

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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
										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 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

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										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, 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, ASTME1886, 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, ASTME1886, 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, ASTME1886,

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										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, 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,

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										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, 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	96	96	I	70	−70	350	Mortise x Surface Bolt	3/4 Latch	1120	SDI A250.13, ASTM E330, ASTME1886, 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,

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										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
Pair Out-Swing	72	84	I	70	−70	350	Mortise X Flush bolt	1 FB	368	SDI A250.13, ASTM E330, ASTM E1886, 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, ASTM E1886, 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, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203

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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
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 202, TAS 203

GENERAL

Additional Information

Also Tested to PA 201, PA 202, PA 203

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