

ZHCW.R38809 - Swinging Doors, Exterior

Swinging Doors, Exterior

See General Information for Swinging Doors, Exterior

CURRIES DIVISION OF AADG INC

1502 12TH ST NW
Mason City, IA 50401-1814 USA

R38809

Model	Configuration	Max Size	Door Gauge	Stiffness Class	Design Pressure (psf)	Impact Speed (ft/sec)	Impact Energy (ft-lbs)	Latching Hardware Type	Latch Throw Min (in.)	Latch Strength Min (lbf)	Test Method(s)
607 Series											
60720 AWG	Single - Out Swing	3'0" x 7'0"	20	V	±50 psf	50	350 ft-lbs	Cylindrical or Mortise Lock	1/2	525	**
60720AWG	Single - Out Swing	3'0" x 7'0"	20	V	±50 psf	50	350 ft-lbs	Rim Exit	1/2	525	**
60718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Cylindrical, Mortise or Interconnected Lock	1/2	630	**
60718 AWG	Single - Out Swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rim or Mortise Exit	3/4	630	**
60718 AWG	Single - Out Swing	6'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rim with Mullion	3/4	630	**
60718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 70 psf	50	350 ft-lbs	Cylindrical w Dead Bolt, Mortise with Dead Bolt, or Interconnected Lock	1/2	735	**
707 Series											

70720 AWG	Single - Out Swing or In swing	3'0" x 7'0"	20	V	± 50 psf	50	350 ft-lbs	Cylindrical, Mortise, or Interconnected Lock	1/2	525	**
70720 AWG	Single - Out Swing	3'0" x 7'0"	20	V	± 50 psf	50	350 ft-lbs	Rimor Mortise Exit	3/4	525	**
70718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Cylindrical, Mortise, or Interconnected Lock	1/2	630	**
70718 AWG	Single - Out Swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rimor Mortise Exit	3/4	630	**
70718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 70 psf	50	350 ft-lbs	Cylindricalw Dead Bolt, Mortise with Dead Bolt, or Interconnected Lock	1/2	735	**
70718 AWG	Pairs	6'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rims with mullion	3/4	630	**
70716 AWG	Single - Out Swing or In Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Mortise Lock with Dead Bolt	3/4	720	**
70716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rim Exit	3/4	720	**
70716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	2 Point Latching	3/4	360	**
70716 AWG	Single - Out Swing or In Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise Lock with Latch Bolt and Dead Bolt	3/4	1120	**
70716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rim Exit	3/4	1120	**
70716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	2 Point Latching	3/4	560	**
70716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	3 Point Latching	3/4	480	**

70716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	4 Point Latching	3/4	360	**
70716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rims x Mullion	3/4-	720	**
70716 AWG	Pair	6'0" x 7'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise (Active), Flushbolt (inactive)	3/4 Mortise, 1-1/4 flushbolt	490	**
70716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	3 Point Latching	3/4	747	**
70716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	4 Point Latching	3/4	460	**
70716AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rims x Mullion	3/4	1120	**
70716 AWG	Single- Out Swing or In swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Cylindrical or Mortise	1/2	1050	**
70716 AWG	Single- Out Swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Rim Exit	3/4	1050	**
70716 AWG	Single- Out Swing or In swing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Mortise Lock w Dead Bolt	3/4	1207.5	**
70716 AWG	Single- Out Swing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Rim Exit	3/4	1207.5	**
70714 AWG	Single-Out Swing	4'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	2 point latching	3/4	1200	**
70714 AWG	Pair	8'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	4 point latching	3/4	1200	**
70714 AWG	Single Out Swing or In Swing	4'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	2 point latching	3/4 , 1" dead bolt	1200	**
70714 AWG	Pair Out Swing or In Swing	8'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	3 point latching	3/4 1" deadbolt	1600	**

70714 AWG	Single - Outswing	4'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	2 point latching	3/4	1200	**
70714 AWG	Single - Out Swing or In Swing	4'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	Multi-Point Lock with Deadbolt	3/4, 1" dead bolt	800	**
70714 AWG	Pair - Outswing	8'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	4 point latching	3/4	1200	**
70714 AWG	Pair - Out Swing or In Swing	8'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	Multi-Point Lock with Deadbolt and Surface Bolts	3/4 MP, 1 Deadbolt, 1-1/4 Surface Bolts	960	**
727 Series											
72718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Cylindrical, Mortise, or Interconnected Lock	1/2	630	**
72718 AWG	Single - Out Swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rimor Mortise Exit	3/4	630	**
72718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 70 psf	50	350 ft-lbs	Cylindrical w\ Dead Bolt, Mortise with Dead Bolt, or Interconnected Lock	1/2	735	**
72716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Mortise Lock with Dead Bolt	1/2	720	**
72716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rim Exit	3/4	720	**
72716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	2 Point Latching	3/4	360	**
72716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise Lock with Latch Bolt and Dead Bolt	3/4	1120	**
72716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rim Exit	3/4	1120	**

72716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	2 Point Latching	3/4	560	**
72716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	3 Point Latching	3/4	480	**
72716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	4 Point Latching	3/4	360	**
72716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rims x Mullion	3/4	720	**
727 16 AWG	Pair	6'0" x 7'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise (Active), Flushbolt (inactive)	3/4 Mortise, 1-1/4 flushbolt	560	**
72716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	3 Point Latching	3/4	747	**
72716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	4 Point Latching	3/4	560	**
72716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rims x Mullion	3/4	1120	**
72716 AWG	Single- Out Swing or In swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Cylindrical or Mortise	1/2	1050	**
72716 AWG	Single- Out Swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Rim Exit	3/4	1050	**
72716 AWG	Single- Out Swing or In swing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Mortise Lock with Dead Bolt	3/4	1207.5	**
747 and 847 Series											
747/84718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Cylindrical, Mortise, or Interconnected Lock	1/2	630	**
747/84718 AWG	Single - Out Swing	3'0" x 7'0"	18	I	± 60 psf	50	350 ft-lbs	Rimor Mortise Exit	3/4	630	**

747/84718 AWG	Single - Out Swing or In swing	3'0" x 7'0"	18	I	± 70 psf	50	350 ft-lbs	Cylindrical w Dead Bolt, Mortise with Dead Bolt, or Interconnected Lock	1/2	735	**
747/84716 AWG	Single - Out Swing or In Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Mortise Lock with Dead Bolt	1/2	720	**
747/84716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rim Exit	3/4	720	**
747/84716 AWG	Single - Out Swing	3'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	2 Point Latching	3/4	360	**
747/84716 AWG	Single - Out Swing or In Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise Lock with Latch Bolt and Dead Bolt	3/4	1120	**
747/84716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rim Exit	3/4	1120	**
747/84716 AWG	Single - Out Swing	4'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	2 Point Latching	3/4	560	**
747/84716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	3 Point Latching	3/4	480	**
747/84716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	4 Point Latching	3/4	360	**
747/84716 AWG	Pair	6'0" x 8'0"	16	I	± 60 psf	50	350 ft-lbs	Rims x Mullion	3/4	720	**
747/84716 AWG	Pair	6'0" x 7'0"	16	I	± 70 psf	50	350 ft-lbs	Mortise (Active), Flushbolt (inactive)	3/4 Mortise, 1-1/4 flushbolt	490	**
747/84716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	3 Point Latching	3/4	747	**
747/84716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	4 Point Latching	3/4	560	**
747/84716 AWG	Pair	8'0" x 8'0"	16	I	± 70 psf	50	350 ft-lbs	Rims x Mullion	3/4	1120	**

747/84716 AWG	Single- Out Swing or In Swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Cylindrical or Mortise	1/2	1050	**
747/84716 AWG	Single - Outswing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Rim Exit	3/4	1050	**
747/84716 AWG	Single- Out Swing or In Swing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Mortise Lock w Dead Bolt	3/4	1207.5	**
747/84716 AWG	Single- Out Swing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Rim Exit	3/4	1207.5	**
747/84714 AWG	Single-Out Swing	4'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	2 point latching	3/4	1200	**
747/84714 AWG	Pair	8'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	4 point latching	3/4	1200	**
747/84714 AWG	Single Out Swing or In Swing	4'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	2 point latching	3/4, 1 deadbolt	1200	**
747/84714 AWG	Pair Out Swing or In Swing	8'0" x 8'0"	14	I	±150 psf	50	350 ft-lbs	3 point latching	3/4, 1 dead bolt	1200	**
747/84714 AWG	Single - Outswing	4'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	2 point latching	3/4	1200	**
70714 AWG	Single - Out Swing or In Swing	4'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	Multi-Point Lock with Deadbolt	3/4, 1" dead bolt	800	**
747/84714 AWG	Pair - Outswing	8'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	4 point latching	3/4	1200	**
747/84714 AWG	Pair - Out Swing or In Swing	8'0" x 8'0"	14	I	± 150 psf	80	895 ft-lbs	Multi-Point Lock with Deadbolt and Surface Bolts	3/4 MP 1 Deadbolt 1-1/4 Surface Bolts	960	**
757 Series											
757 16 AWG	Single- Out Swing or In Swing	3'0" x 7'0"	16	I	± 100 psf	50	350 ft-lbs	Cylindrical or Mortise	1/2, 3/4 Mortise, 1-1/4 flusbolt	1050	**

757 16 AWG	Single - Outswing	3'0" x 7'0"	16	I	± 115 psf	50	350 ft-lbs	Mortise	3/4 Mortise, 1-1/4 flushbolt	1050	**
777 Series											
777 18 AWG	Single- Out Swing or In Swing	3'0" x 7'0"	18	I	± 100 psf	50	350 ft-lbs	Cylindrical or Mortise	1/2	1050	**
777 18 AWG	Single - Outswing	3'0" x 7'0"	18	I	± 100 psf	50	350 ft-lbs	Rim Exit	3/4	1050	**
777 18 AWG	Pair Inswing or Outswing	6'0" x 7'0"	18	I	± 70 psf	50	350 ft-lbs	Mortise (Active), Flushbolt (inactive)	3/4 Mortise, 1-1/4 flushbolt	490	**

* See [ZHCH](#) for ratings and construction details.

** Indicates testing complies with the following standards: ANSI/SDI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202 (Structural only), TAS 203.

See manufacturer's installation instructions.

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