



BPRPS-5600-13GSS

Adjustable 13" washability casement hinge
kit left hand shown

5000 SERIES Casement/Awning Hinges

Our heavy-duty casement hinge transcends the conventional definition of a hinge, embodying a commitment to superior engineering and meticulous design. Featuring a deeper interlocking track for heightened performance, thicker material ensuring unparalleled durability and increased weight capacity, additional fixing holes for stability, and an integrated snubber for extra security, this hinge stands as the pinnacle of excellence in heavy-duty applications. Take your projects to new heights with a hinge that surpasses expectations.

Features

SHARED BY BOTH MODELS

- High performance slider with a deeper interlocking track, for superior results on impact and load testing
- Integrated snubber for extra security and superior strength in blow out and impact testing
- Extra fixing holes to prevent bending and increase heavy sash stability
- Adjustable eccentric track rivets for and easy on- an off-the-field adjustment
- Heavy duty stainless steel track (0.040" | 1.02mm of thickness)
- Same hole configurations as industry standards
- Available in standard 430 grade stainless steel or optional austenitic 304
- Available pre-assembled (kit) for cost and time savings on production lines
- Optional 0.500" | 12.7mm stack height to accommodate custom extrusions
- Positioning marking tools available



Awning clip attachment shown

CASEMENT ONLY

- Fast and secure snap-on attachment
- Egress opening option allows maximum sash opening
- Available in both 10- and 13-inch versions

AWNING ONLY

- Adjustable friction slider shoe to prevent sash rattling
- Clip-on feature for strongly securing the sash to the frame*
- Optional heavy duty slider stopper for enhanced security
- Available in a range of 10-26-inch versions



**AAMA 904.14 | MAXIMUM HINGES
LOAD TESTED**

Maximum load capacity of 130lb.**



*Attachment clip is required on awning window hinges. Under no circumstances should a casement hinge with a snap-on stud be used on awning windows. Due to the rotational forces applied by an awning sash, the snap stud can work its way apart, allowing the sash to fall out and cause a serious threat of injury to individuals below.

**Maximum load permitted for the AAMA hardware load test. Refer to the chart on page 3 for the maximum weight recommended by Radisson Industries to ensure ease of operation.

Ordering information

ITEM #	DESCRIPTION	BOX QTY.
CASEMENT		
BPS-52XY-1ZDSS	Adjustable Egress snap on hinge arm - right hand	100 each
BPS-52XY-1ZGSS	Adjustable Egress snap on hinge arm - left hand	100 each
BPS-55XY-1ZDSS	Adjustable Washability snap on hinge arm - right hand	100 each
BPS-55XY-1ZGSS	Adjustable Washability snap on hinge arm - left hand	100 each
RPS-560Y-1ZD	Adjustable snap on hinge track - right hand	100 each
RPS-560Y-1ZG	Adjustable snap on hinge track - left hand	100 each
CASEMENT KIT (Assembled)		
BPRPS-53XY-ZZDSS	Adjustable Egress snap on hinge & track kit - right hand	100 each
BPRPS-53XY-ZZGSS	Adjustable Egress snap on hinge & track kit - left hand	100 each
BPRPS-56XY-ZZDSS	Adjustable Washability snap on hinge & track kit - right hand	100 each
BPRPS-56XY-ZZGSS	Adjustable Washability snap on hinge & track kit - left hand	100 each
AWNING		
BP-51XY-ZZDSS	Adjustable clip on hinge arm - right hand	100 each
BP-51XY-ZZGSS	Adjustable clip on hinge arm - Left hand	100 each
RP-560Y-ZZD	Adjustable clip on hinge track - right hand	100 each
RP-560Y-ZZG	Adjustable clip on hinge track - left hand	100 each
AWNING KIT (Assembled)		
BPRP-51XY-ZZDSS	Adjustable clip on hinge & track kit - right hand	10-18 inch 100 each 22-26 inch 50 each
BPRP-51XY-ZZGSS	Adjustable clip on on hinge & track kit - left hand	100 each 50 each

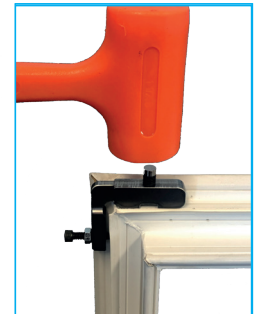
*The company has an ongoing development program and therefore reserves the right to make alterations without notice. Products that are not stocked items will be subject to longer lead times. Please confirm with your Radisson representative.

VARIABLE	VALUE	DESCRIPTION
X	0	Standard 0.430" (10.9mm) stack height
	1	Optional 0.500" 1(2.7mm) stack height
Y	0	430 ferritic stainless steel for standard application
	1	304 austenitic stainless steel for coastal application
Z	0	10 inch
	3	13 inch
	10	10 inch
ZZ	14	14 inch
	18	18 inch
	22	22 inch
	26	26 inch

Using the table beside, replace the corresponding variables of the part numbers with the desired values to specify available products options.



BP-POS-2500
Optional positioning marking tool



NAFS Casement Window Hardware Load Test (North American Fenestration Standard)

MAXIMUM FRAME SIZE & SASH WEIGHT

ITEM #		10 INCHES	13 INCHES
STD. WASHABILITY HINGES	DYAD ARM	MAX FRAME (Width x Height)	MAX WEIGHT (With Glass)
	OPS-30601	24" x 60" (609mm x 1524mm)	45lb. (20kg)
	OPS-30602	24" x 60" (609mm x 1524mm)	45lb. (20kg)
	OPS-30608	24" x 72" (609mm x 1828mm)	53lb. (24kg)
	DUAL ARM		
	OPS-30603	32" x 72" (812mm x 1828mm)	83lb. (38kg)
	OPS-30604	32" x 72" (812mm x 1828mm)	83lb. (38kg)
	OPS-30605	24" x 84" (609mm x 2133mm)	70lb. (32kg)
	OPS-30615	24" x 84" (609mm x 2133mm)	70lb. (32kg)
	STRAIGHT ARM		
EGRESS HINGES	OPS-30622	24" x 62" (609mm x 1575mm)	19lb. (9kg)
	OPS-30623	26" x 69" (660mm x 1753mm)	41lb. (18kg)
	OPS-30682	24" x 62" (609mm x 1575mm)	19lb. (9kg)
	OPS-30683	26" x 69" (660mm x 1753mm)	41lb. (18kg)
	DUAL ARM		
	OPS-30603	32" x 68" (812mm x 1724mm)	69lb. (31kg)
	OPS-30604	32" x 68" (812mm x 1724mm)	69lb. (31kg)
	OPS-30605	28" x 78" (711mm x 1981mm)	69lb. (31kg)
	STRAIGHT ARM		
	OPS-30621	22" x 63" (559mm x 1600mm)	42lb. (19kg)
	OPS-30622	24" x 65" (609mm x 1651mm)	48lb. (22kg)
	OPS-30623	32" x 72" (812mm x 1828mm)	73lb. (33kg)
	OPS-30681	22" x 63" (559mm x 1600mm)	42lb. (19kg)
	OPS-30682	24" x 65" (609mm x 1651mm)	48lb. (22kg)
	OPS-30683	32" x 72" (812mm x 1828mm)	73lb. (33kg)



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Many factors in addition to the hardware dictate maximum casement window size. These include sash and frame stiffness and strength, screw holding strength, sash sag, weathertightness, and weatherstrip drag. For this reason, we recommend careful evaluation of the entire window before producing units as large as this matrix suggests.



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The table above assumes the following typical mounting positions:

- A - Stud bracket position 1.750"
- B - Hinge position 0.437"
- C - Operator position 1.938"

Larger dimensions than these typical positions will not be able to support windows as large as the ones shown in this table.
Smaller dimensions may be able to support larger windows.

