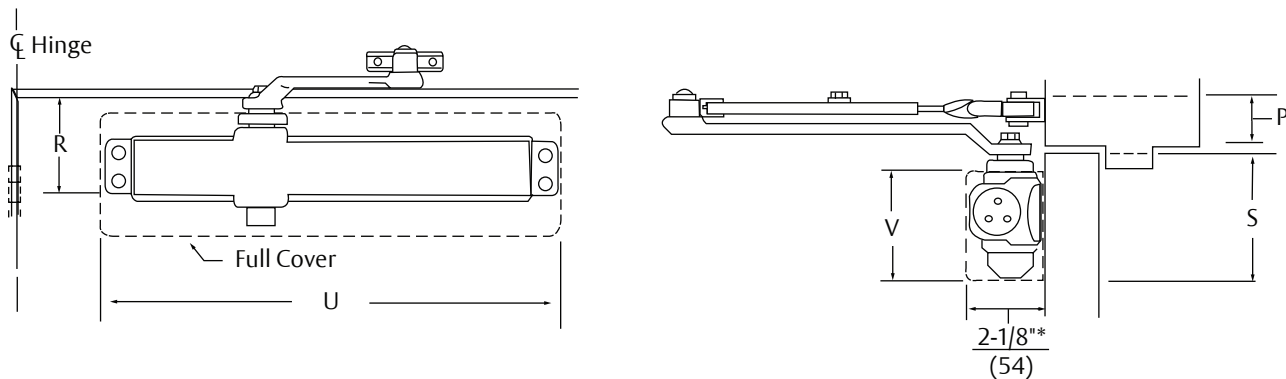


REGULAR ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Covers	P Minimum Ceiling Clearance			R Minimum Top Rail				S Minimum Top Rail Clearance		U Closer Length	V Closer Height	
					W/O Drop Plate		W/8146 Drop Plate						
		NHO	Low Profile	HO	NHO	Low Profile	NHO	Low Profile	NHO	Low Profile			
8101	No cover	1-1/2" (38)	1" (25)	1-5/8" (41)	2-1/2" (64)	2-3/8" (60)	1-5/8" (41)	1-1/2" (38)	3-1/2" (89)	3-3/8" (86)	12-3/4" (324)	2-7/8" (73)	
8301	Slim line plastic										13" (330)		
8501	Full plastic								4-1/4" (108)	4-1/8" (105)	13-5/8" (346)		3-3/4" (95)
8501M	Metal										14" (356)		3-1/8" (79)
8501A	Arch. plastic												
8501MA	Arch. metal								3-1/2" (89)	3-3/8" (86)		3" (76)	

Model Number	
Non-Hold Open	Hold Open
8301 8501	8301H 8501H

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 30"-48" (76-122cm)

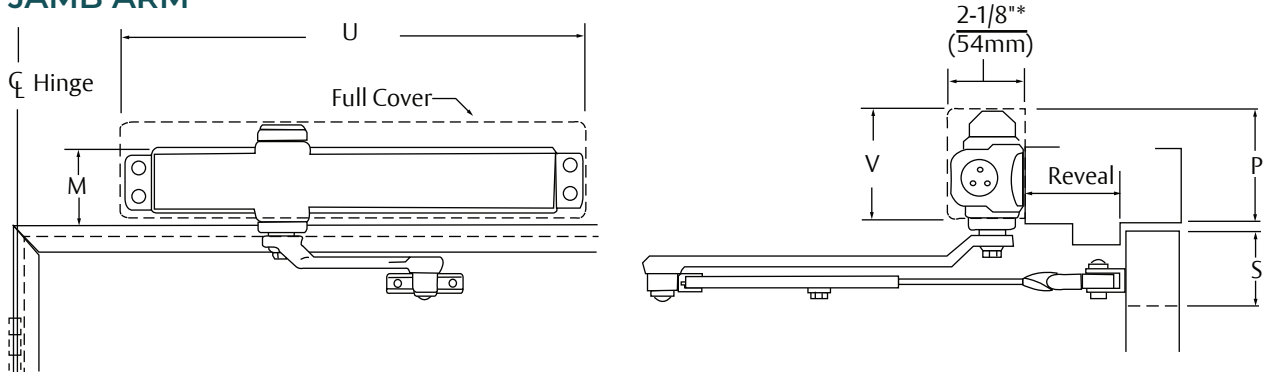
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

TOP JAMB ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm). Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Covers	M Minimum Frame Face			P Minimum Ceiling Clearance			S Minimum Top Rail Clearance 5/8" (16mm) Frame Stop									U Closer Length	V Closer Height	
								W/O Drop Plate			W/8146 Drop Plate			With 8148/8547 Drop Plate					
		W/O Drop Plate	With 8146 Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	W/O Drop Plate	With 8146 Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	NHO	Low Profile	HO	NHO	Low Profile	HO	NHO	Low Profile	HO			
8101	No cover	1-3/4" (40)	1-1/8" (29)	1-1/2" (38)	2-3/4" (70)	1-5/8" (41)	1-1/2" (38)	2-1/4" (57)	N/A	2-1/2" (64)	3-3/8" (86)	2-3/4" (70)	3-5/8" (92)	4-3/8" (111)	3-3/4" (95)	4-5/8" (117)	12-3/4" (324)	2-7/8" (73)	
8301	Slim line plastic																13" (330)		
8501	Full plastic																		
8501M	Metal		N/A	1-5/8" (41)	3-3/4" (95)	N/A	1-5/8" (41)										13-5/8" (346)		3-3/4" (95)
8501A	Arch. plastic			1-1/2" (38)	3" (76)		1-1/2" (38)										14" (356)		3-1/8" (79)
8501MA	Arch. metal			2-7/8" (73)				3" (76)											

Model Number	
Non-Hold Open	Hold Open
8301 8501	8301H 8501H

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 30"-48" (76-122cm)
- Reveal range information is based upon 1-3/4" (44) doors hung on 4-1/2" wide hinges

Reveal Information

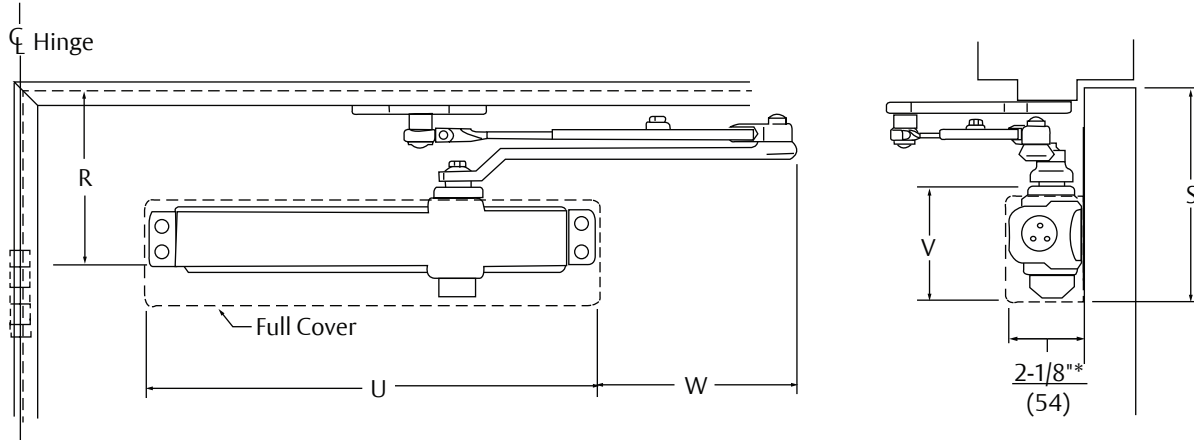
Model Number	Reveal Range Inches (mm)	Maximum Door Opening	
		NHO	HO
J8301, J8501	2-3/4" (70) to 4-1/4" (108)	180°	
J8301, J8501	4-1/4" (108) to 7" (178)	150°	
J8301H, J8501H	2-1/8" (54) to 4-1/4" (108)		180°
J8301H, J8501H	4-1/4" (108) to 6-3/4" (171)		150°

Reveal Information (regular arm installed top jamb)

Model Number	Reveal Range Inches (mm)	Maximum Door Opening	
		NHO	HO
8301, 8501	0 to 2-7/8" (73)	180°	—
8301, 8501 w/Drop Plate ^{^^}	0 to 2-3/4" (70)	180°	
8301H, 8501H	0 to 2-3/4" (70)		180°

^{^^} Drop plate 8146, 8148, 8158, 8547 or 8547A

PARALLEL ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Covers	R Minimum Top Rail Minimum Top Rail 5/8" (16mm) Frame Stop						S Minimum Top Rail Clearance			U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate			With 8148, 8158, 8548, 8548A Drop Plate								
		NHO	Low Profile	HO	NHO	Low Profile	HO	NHO	Low Profile	HO			
8101	No cover	5-1/4" (133)	4-5/8" (117)	5-1/4" (133)	3" (76)	2-3/8" (60)	3" (76)				12-3/4" (324)	2-7/8" (73)	8-1/8" (206)
8301	Slim line plastic							6-1/4" (159)	5-5/8" (143)	6-1/4" (159)	13" (330)		
8501	Full plastic												
8501M	Metal							6-7/8" (175)	6-1/4" (159)	6-7/8" (175)	13-5/8" (346)	3-3/4" (95)	7-5/8" (194)
8501A	Arch. plastic							6" (152)	5-3/8" (137)	6" (152)	14" (356)	3-1/8" (79)	
8501MA	Arch. metal							5-7/8" (149)	5-1/4" (133)	5-7/8" (149)		3" (76)	

Model Number	
Non-Hold Open	Hold Open
8301 8501	8301H 8501H

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 30"-48" (76-122cm)

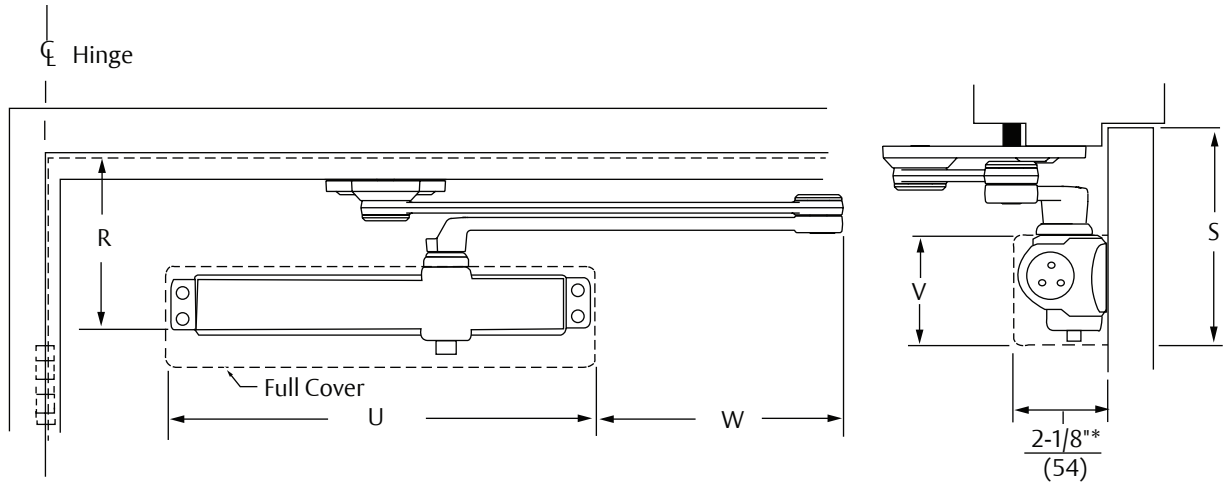
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

PARALLEL RIGID ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).
Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

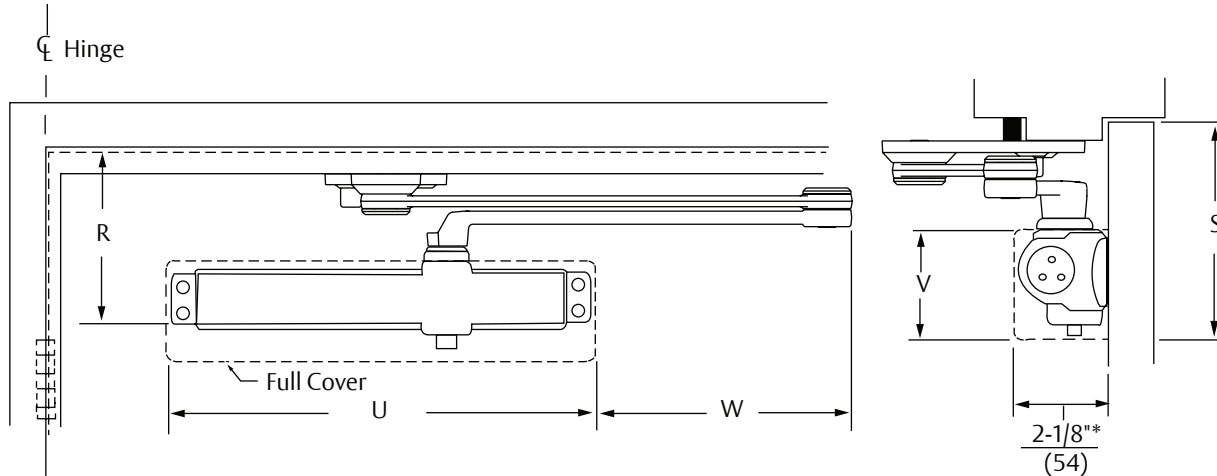
Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate	With Drop Plate				
8101	No cover	4-5/8" (117)	2-3/8" (60)		12-3/4" (324)	2-7/8" (73)	8" (203)
8301	Slim line plastic			5-7/8" (149)	13" (330)		
8501	Full plastic					3-7/8" (98)	7-5/8" (194)
8501M	Metal			6-1/2" (165)	13-5/8" (346)		
8501A	Arch. plastic			6" (152)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501MA	Arch. metal			5-7/8" (149)		3" (76)	

Model Number	
Stop Only	Hold Open
PR8301 PR8501	PR8301H PR8501H

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 28"-48" (71-122cm)

CLOSERPLUS® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).
Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate	With Drop Plate				
8101	No cover	4-5/8" (117)	2-3/8" (60)		12-3/4" (324)	2-7/8" (73)	8" (203)
8301	Slim line plastic			5-7/8" (149)	13" (330)		
8501	Full plastic					3-7/8" (98)	7-5/8" (194)
8501M	Metal			6-1/2" (165)	13-5/8" (346)		
8501A	Arch. plastic			6" (152)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501MA	Arch. metal			5-7/8" (149)		3" (76)	

Model Number		
Stop Only	Thumbturn Hold Open	Ramp Hold Open
CLP8301 CLP8501	CLP8301T CLP8501T	CLP8301R CLP8501R

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 28"-48" (71-122cm)

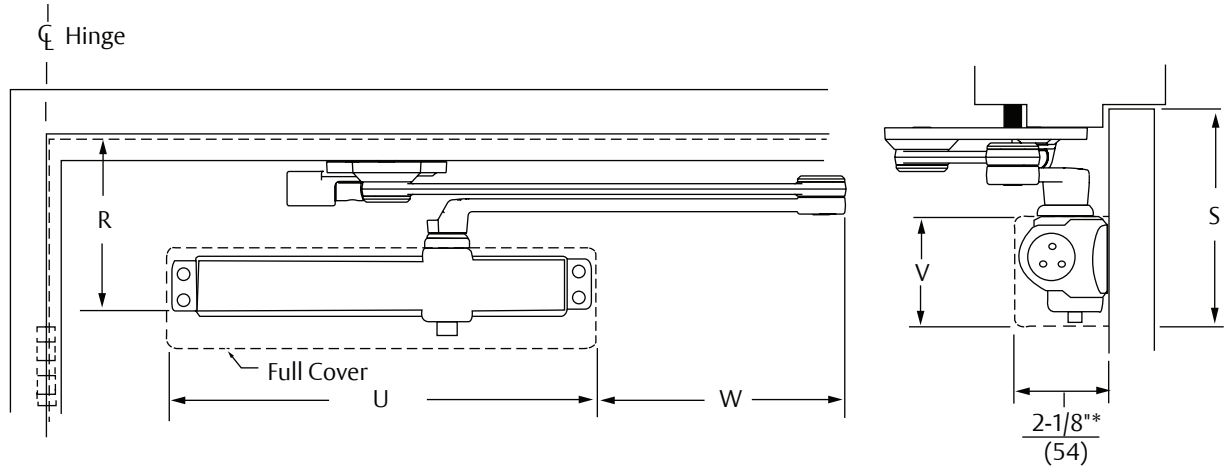
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

CLOSERPLUS SPRING™ ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

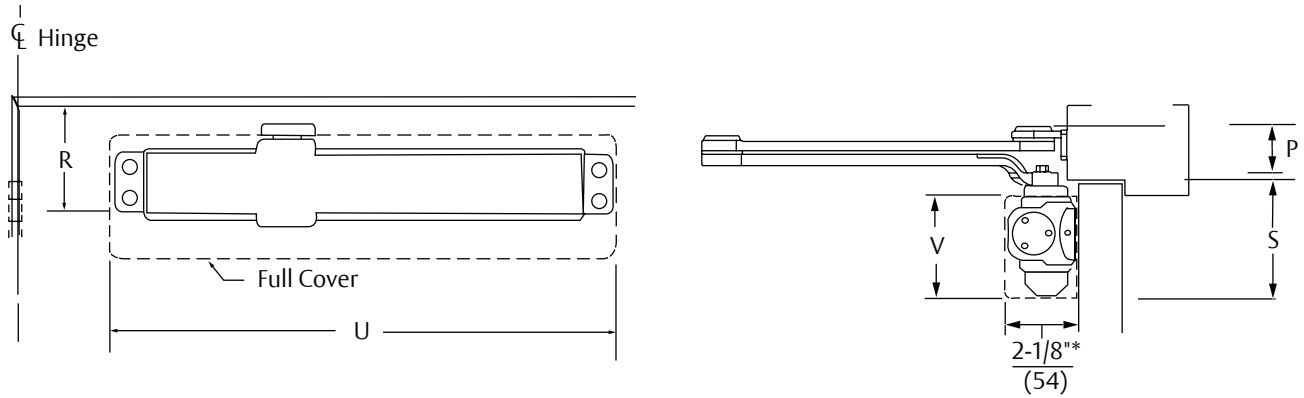
Closer Series	Covers	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height	W Arm Extension
		W/O Drop Plate	With Drop Plate				
8101	No cover	4-5/8" (117)	2-3/8" (60)	5-7/8" (149)	12-3/4" (324)	2-7/8" (73)	8" (203)
8301	Slim line plastic				13" (330)		
8501	Full plastic						
8501M	Metal			6-1/2" (165)	13-5/8" (346)	3-7/8" (98)	7-5/8" (194)
8501A	Arch. plastic			6" (152)	14" (356)	3-1/8" (79)	7-1/2" (191)
8501MA	Arch. metal			5-7/8" (149)		3" (76)	

Model Number	
Stop Only	Hold Open
CPS8301 CPS8501	CPS8301T CPS8501T

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 28"-48" (71-122cm)

REGULAR RIGID HEAVY-DUTY ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Covers	P Minimum Ceiling Clearance	R Minimum Top Rail		S Minimum Top Rail Clearance	U Closer Length	V Closer Height
			W/O Drop Plate	W/8146 Drop Plate			
		NHO	NHO	NHO	NHO		
8101	No cover	1-3/4" (44)	2-1/2" (64)	1-5/8" (41)	3-1/2" (89)	12-3/4" (324)	2-7/8" (73)
8301	Slim line plastic					13" (330)	
8501	Full plastic						
8501M	Metal				4-1/4" (108)	13-5/8" (346)	3-3/4" (95)
8501A	Arch. plastic				3-5/8 (92)	14" (356)	3-1/8" (79)
8501MA	Arch. metal				3-1/2" (89)		3" (76)

Model Number

Non-Hold Open Only

R8301
R8501

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: interior – 36"-54" (91-137cm), exterior – 30"-52" (76-132cm)

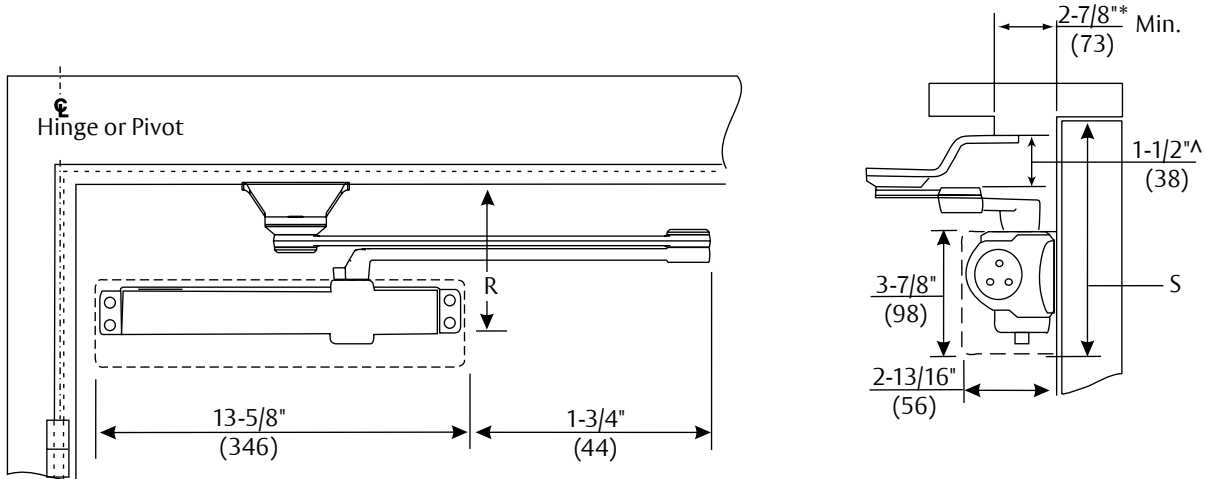
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

PARALLEL RIGID OFFSET ARM



Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

^ If clearance greater than 1-1/2" is needed, 6891 spacer block is required.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm). Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

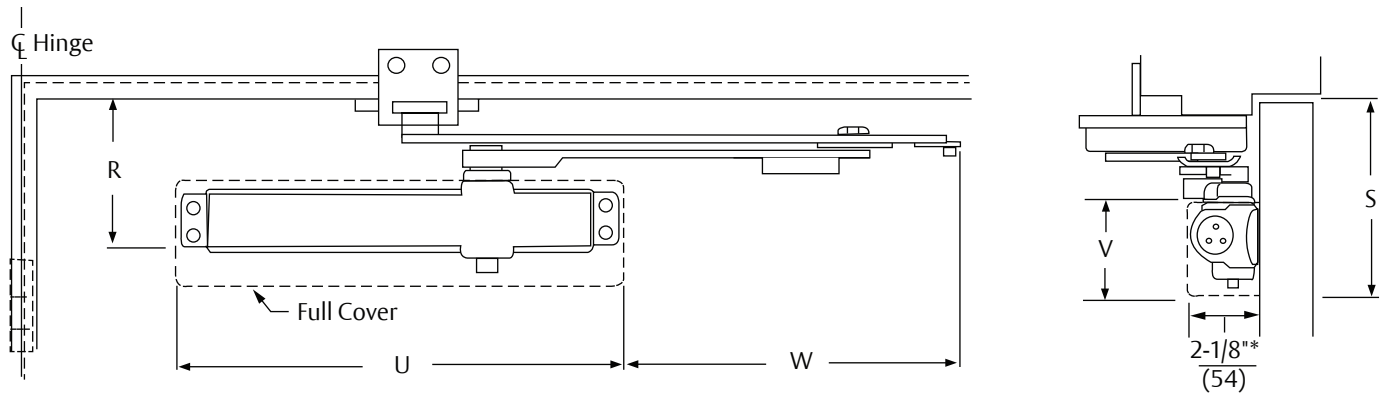
R (inches/mm) Minimum Top Rail of Door with 5/8" (16mm) Frame Stop		S Minimum Top Rail of Door	
Without 6891 Spacer	With 6891 Spacer	Without 6891 Spacer	With 6891 Spacer
7-1/8" (181)	7-5/8" (194)	7-5/8" (194)	8-1/8" (206)

Model Number	
Non-Hold Open	Hold Open
PRO8301 PRO8501	PRO8301H PRO8501H

Notes:

- Door closers are set at midpower range from the factory
- Closers with hold open arms are handed. Specify when ordering.
- Measurements are inches/mm unless noted
- Standard door widths: interior 30"-48" (76-122cm), exterior 32-48" (81-122cm)

PARALLEL UNITROL® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm). Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	Door Width	Covers	R Minimum Top Rail		S Minimum	U Closer Length	V Closer Height	W Arm Extension
			W/O Drop Plate	With Drop Plate				
8301	28"-32"	Slim line	4-3/4" (121)	2-1/2" (64)	5-3/4" (146)	13" (330)	2-7/8" (73)	8-3/8" (213)
	33"-41"							9-7/8" (251)
	42"-48"							11-1/4" (286)
8501	33"-41" [^]	Full plastic			6-3/8" (162)	13-5/8" (346)	3-7/8 (98)	9-7/8" (251)
8501M		Metal						9-1/2" (241)
8501A		Arch. plastic			5-1/2" (140)	14" (356)	3-1/8" (79)	9-3/8" (238)
8501MA		Arch. metal			5-3/8" (137)		3" (76)	9" (229)

[^] Consult installation instructions for additional door width dimensions.

Model Number		
Stop Only	Hold Open	Specify frame reveal
UNI8301 UNI8501	UNI8301H UNI8501H	

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 28"-48" (71-122cm)

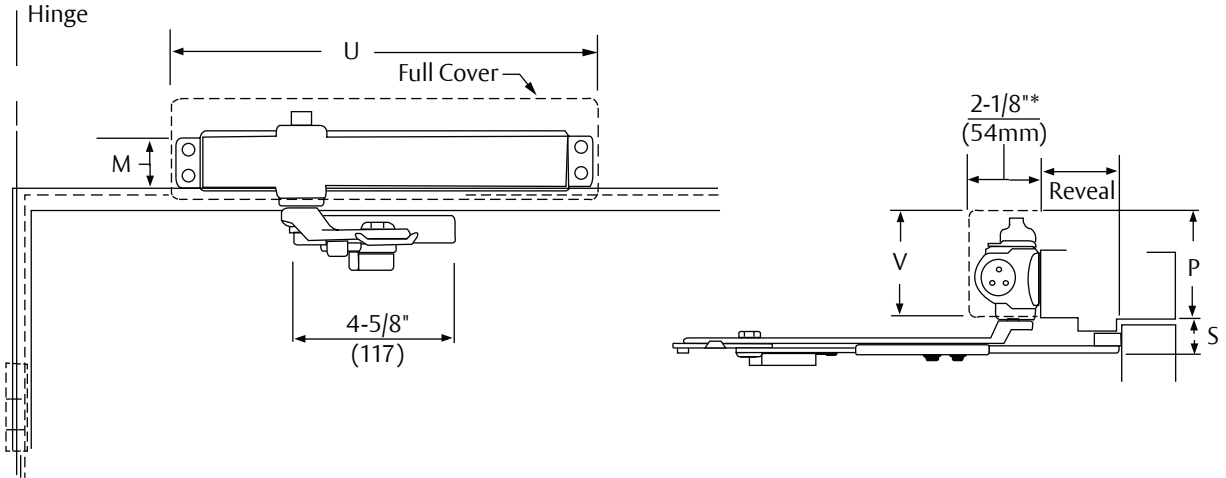
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

TOP JAMB UNITROL® ARM



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

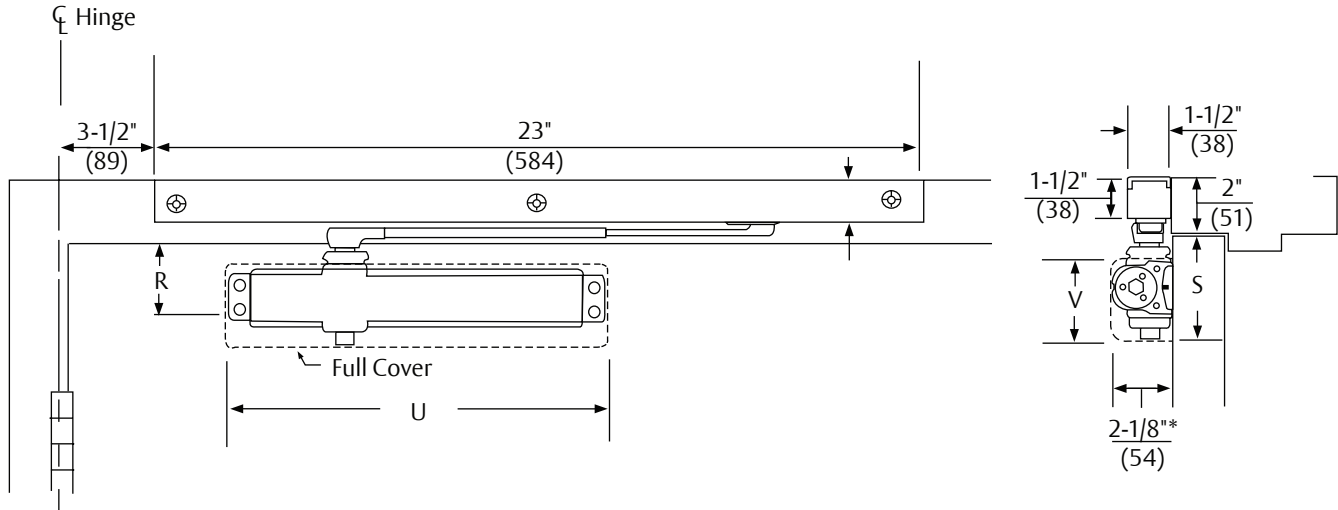
Closer Series	Covers	R Minimum Top Rail		P Minimum Ceiling Clearance		S Minimum Top Rail Clearance		U Closer Length	V Closer Height
		W/O Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate	W/O Drop Plate	With Drop Plate	W/O Drop Plate	With 8148, 8158, 8547, 8547A Drop Plate		
8301	Slim line	1-3/4" (44)	1-1/2" (38)	2-3/4" (70)	1-1/2" (38)	1-7/8" (48)	3-3/4" (95)	13" (330)	2-7/8" (73)
8501	Full plastic								
8501M	Metal		1-5/8" (41)	3-3/4" (95)	1-5/8" (41)			13-5/8" (346)	3-7/8" (98)
8501A	Arch. plastic		1-1/2" (38)	3" (76)	1-1/2" (38)			14" (356)	3-1/8" (79)
8501MA	Arch. metal			2-7/8" (73)					

Model Number		
Non-Hold Open	Hold Open	Specify frame reveal
UNIJ8301 UNIJ8501	UNIJ8301H UNIJ8501H	

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: 28"-48" (71-122cm)

PULL SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	w/o Drop Plate	with Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
8301ST	2-1/2"	1-5/8"	3-1/2"	4-1/8"	3-5/8"	3-1/2"	13"	13-5/8"	14"		2-7/8"	3-3/4"	3-1/8"	3"
8501ST	(64)	(41)	(89)	(105)	(92)	(89)	(330)	(346)	(356)		(73)	(95)	(79)	(76)

Model Number		
Non-Hold Open		Hold Open
85°-110°++	85°-180°~~	85°-110°~~
8301ST 8501ST	8301ST-180 8501ST-180	8301STH 8501STH

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: interior 32"-48" (81-122cm), exterior 32"-38" (81-97cm)

++ Track is furnished with a spring buffered stop. Additional stop, by others, is recommended where abusive conditions are anticipated.

~~ Track is supplied without the spring buffered assembly. An auxiliary door stop, by others, is required.

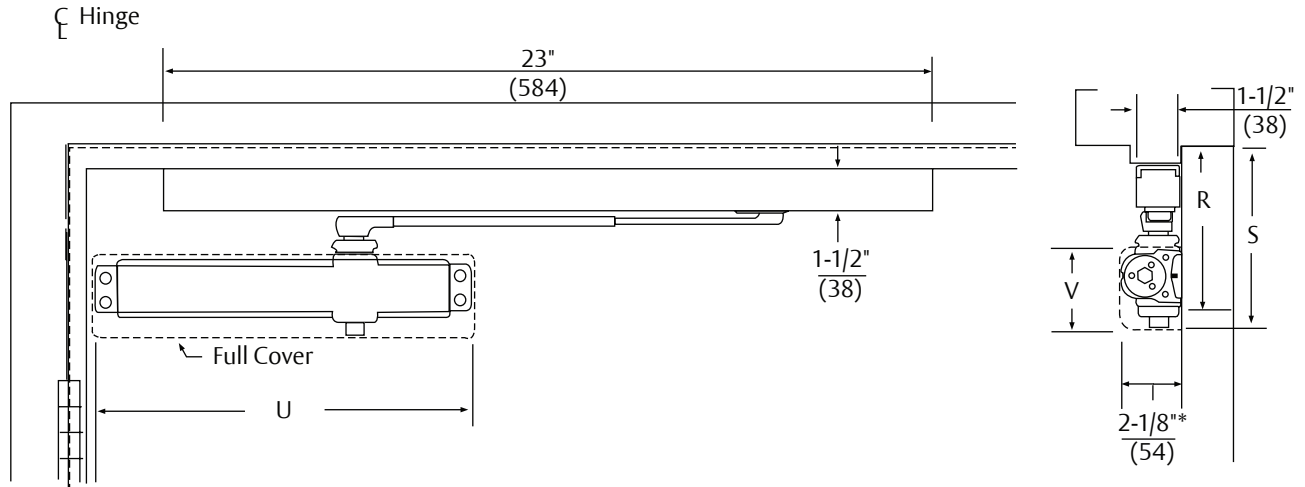
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

PUSH SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

* Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).
Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail	S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	w/o Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
PS8301ST	5" (127)	6" (152)	6-5/8" (168)	6-1/8" (156)	6" (152)	13" (330)	13-5/8" (346)	14" (356)		2-7/8" (73)	3-3/4" (95)	3-1/8" (79)	3" (76)
PS8501ST													

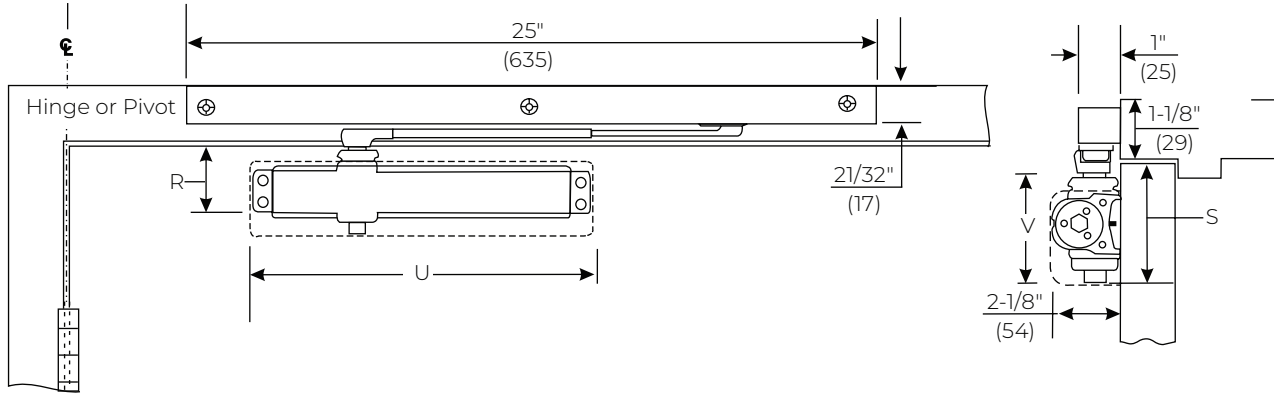
Model Number	
Non-Hold Open	Hold Open
85°-110°	
PS8301ST PS8501ST	PS8301STH PS8501STH

Notes:

- Door closers are set at midpower range from the factory
- All track assemblies are supplied with a spring buffered stop
- A separate door stop, by others, is recommended where abusive conditions are anticipated
- Measurements are inches/mm unless noted
- Standard door widths: interior 32"-48" (81-122cm), exterior 32"-38" (81-97cm)

Optional	
Drop Plates	Model
8148	PS8301ST
8158	PS8501ST
8548	PS8501STM
8548A	PS8501STMA

LOW PROFILE PULL SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	w/o Drop Plate	with 8146 Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
8341ST	2-1/2" (64)	5/8" (16)	3" (76)	4-5/8" (117)	3-1/8" (79)	3" (76)	13" (330)	13-5/8" (346)	14" (356)		3" (76)	3-7/8" (98)	3-1/4" (83)	3-1/8" (79)
8541ST														

Model Number	
Non-Hold Open	Hold Open
8341ST 8541ST	8341STH 8541STH

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: **interior only** 32"-48" (81-122cm)

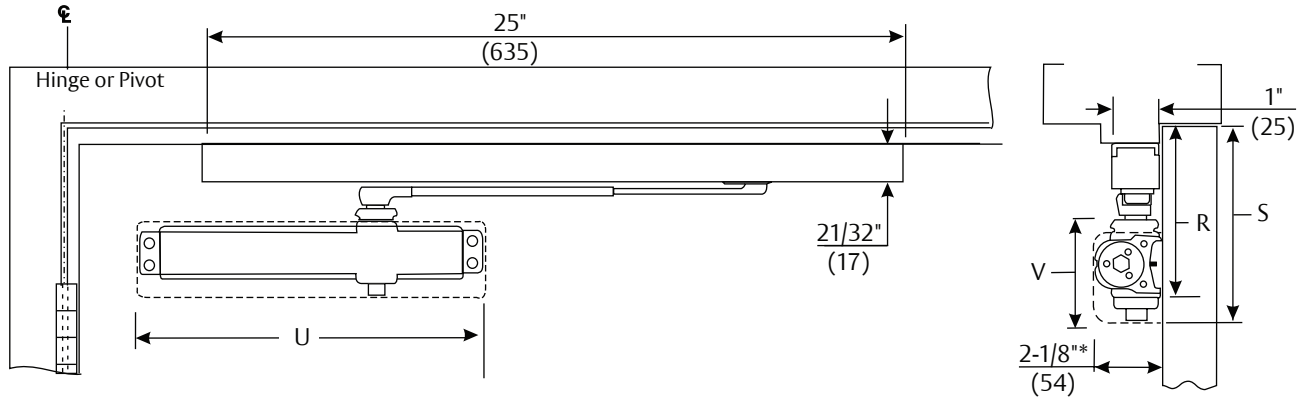
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ARCHITECTURAL DOOR CLOSER

**NORTON
RIXSON**
ASSA ABLOY

**TRADEMARK
HARDWARE**

LOW PROFILE PUSH SIDE SLIDE TRACK



Mounting holes for closer body are spaced 3/4" (19mm) vertically x12" (305mm) horizontally.

*Projection is for slim line or full covers. Projection for metal covers = 2-3/16" (56mm).

Projection for architectural plastic & architectural metal covers = 2-1/4" (57mm).

Closer Series	R Minimum Top Rail		S Minimum Top Rail Clearance				U Closer Length				V Closer Height			
	w/o Drop Plate	with 8146, 8158, 8548, 8548A Drop Plate	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal	Slim or Full Cover	Metal Cover	Arch Plastic	Arch Metal
PS8341ST	4"	1-3/4"	5"	5-5/8"	5-1/8"	5"	13"	13-5/8"	14"		3"	3-7/8"	3-1/4"	3-1/8"
PS8541ST	(102)	(44)	(127)	(143)	(130)	(127)	(330)	(346)	(356)		(76)	(98)	(83)	(79)

Model Number	
Non-Hold Open	Hold Open
PS8341ST PS8541ST	PS8341STH PS8541STH

Notes:

- Door closers are set at midpower range from the factory
- Measurements are inches/mm unless noted
- Standard door widths: **interior only** 32"-48" (81-122cm)