



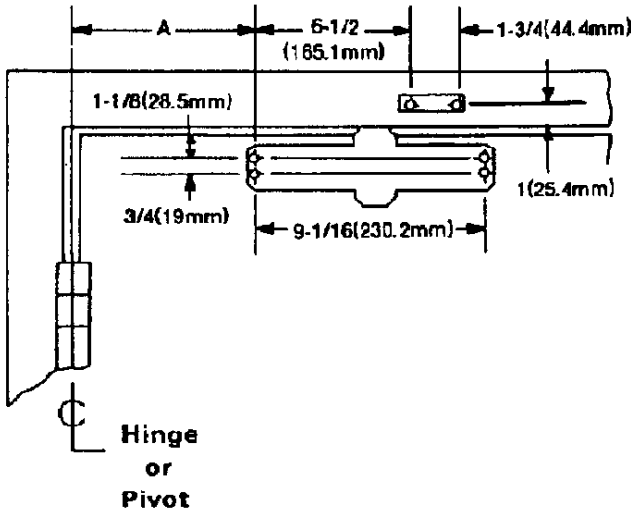
Glazing, Industrial, Construction  
and Automotive Supplies  
Phone Toll Free (800)421-6144  
Fax Toll Free (800)262-3299

C.R. LAURENCE CO., INC.  
Locations to Serve the Industries Throughout North America & Europe  
Corp. Hdqtrs: P.O. Box 268213, Los Angeles, CA 90056-0923  
Website Address: www.crlaurence.com

# MODEL: PR80 SERIES

## Installation Instructions for REGULAR ARM (PULL SIDE) Mounting

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENINGS.



- Right hand door shown
- Left hand door opposite
- Dimensions are in inches
- Do not scale drawing

### INSTALLATION INSTRUCTIONS

1. Select door opening angle and use dimensions shown above, mark four(4) holes on door for door closer and two(2) holes on frame for arm shoe.
2. Drill pilot holes in door and frame for #14 all-purpose screws or drill and tap for 1/4-20 machine screws.
3. Install forearm/arm shoe assembly to frame using screws provided.
4. Mount closer on door using screws provided. SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE EDGE.
5. Install main arm to top pinion shaft, perpendicular to door as shown below. Secure tightly with arm screw/washer assembly provided.
6. Adjust length of forearm so that forearm is perpendicular to frame when assembled to preloaded main arm (illustration below). Secure forearm to main arm with screw/washer assembly provided.
7. Snap pinion cap over shaft at bottom of closer.
8. Adjust closing speed of door, following instructions as shown

POWER ADJUSTMENT CHART FOR DOOR SELECTIONS

DOOR CLOSER SIZE		CLOCKWISE TURNS OF ADJUSTING NUT		APPLICABLE DOOR SIZE		APPLICABLE DOOR WEIGHT
PR82 (SIZE 1-4)	PR80 (SIZE 2-5)	PR82 (SIZE 1-4)	PR80 (SIZE 2-5)	INTERIOR	EXTERIOR (SWING OUT)	
1	Not Recommended Use	0 (FACTORY SET)	N/A	32" (0.81m)	28" (0.71m)	33-66 Lbs (15-30 kg)
2	2	4	0 (FACTORY SET)	36" (0.91m)	32" (0.81m)	66-99 Lbs (30-45 kg)
3	3	8	4	42" (1.07m)	36" (0.91m)	99-143 Lbs (45-65 kg)
4	4	13	8	48" (1.22m)	42" (1.07m)	143-187 Lbs (65-85 kg)
Not Recommended Use	5	N/A	13	54" (1.37m)	48" (1.22m)	187-264 Lbs (85-120 kg)

OPENING	DIM. A
To 120°	6 1/2 (165.1mm)
120°-180°	4 (101.6mm)

### OPENING CYCLE

- NOTE: These instructions apply only to closers equipped with backcheck.
- To increase backcheck intensity, turn valve marked "BC" clockwise.
  - To decrease backcheck intensity, turn valve marked "BC" counter-clockwise.

