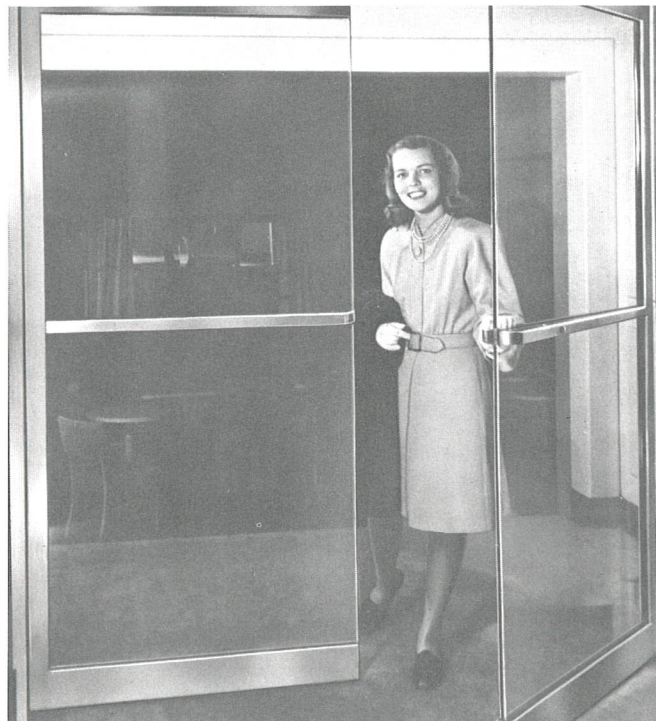


Double Acting—Center Pivoted for Exterior and Heavy Duty Interior Doors



DOR-O-MATIC 300 and 4000 SERIES



Federal Specification FF-H-121c Type 3520A II, III, 3520C III

For complete concealment where doors are required to accommodate two way traffic. 2 Speed Closing, cam design insures positive centering with no "flip flop". Integral leveling screws permit closer to be leveled to suit floor condition. Petroleum base hydraulic oil makes seasonal adjustment unnecessary except where climatic temperature differences are extreme. Extended port caps available where closing adjustment thru the threshold is required.

Use of retractable stop makes it possible to convert double acting doors to single acting to meet traffic requirement.

Top Pivot No. 171A walking beam type is concealed, corrosion resistant and holds the door in perfect alignment.

Retractable Stop 1158A — for wood or hollow metal frames or No. 1150A for aluminum frames available upon request. Can be used in conjunction with double acting closers where it is advantageous to have the doors operated as either single or double acting to meet traffic requirements. Split second re-setting stop converts double acting door to single acting.

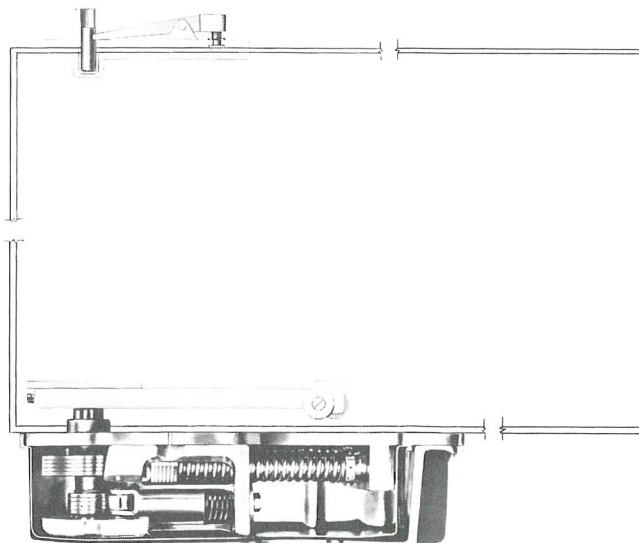
Bottom Arm No. 182A is concealed. It has lateral adjustment. Alignment screws assure positive centering. Tempered glass or metal doors require 1-9/16" depth in the Bottom Rail. When used with wood doors a No. 6231 Spreader must be used to reinforce the Bottom Rail. A depth of 1-11/16" must be provided.

Closer Spindle If clearance between finished floor line and bottom of door (with threshold) is more than 11/16" indicate amount of clearance needed and specify longer spindle.

Cement Case No. 367 is designed to hold floor hinge firmly in position.

Finishes Available in all standard finishes (see page 5).

Extended port caps — to order or specify use letter D suffix with standard threshold numbers.



SELECTOR CHART **Standard** Double Acting* • Center Pivoted • 300 and 4000 Series

DOOR SIZE MAX- IMUM	TYPE AND LOCATION OF DOOR	FOR DOUBLE ACTING DOORS CENTER PIVOTED Specify Finish					Shpg. Wt. Lbs.	THRESHOLDS† Specify Finish, Hand, and Width of Door Opening Jamb to Jamb							PIVOTS Specify Finish and Hand		
		Federal Spec. FF-H-121c Type	105° Hold Open & Stop	105° Stop	90° Hold Open & Stop	90° Stop		4" Wide	5" Wide	7" Wide	7" Wide Mitered Ends	7¾" Wide	4" Wide x 7" Offset	5" Wide x 7¾" Offset	Federal Spec. FF-H-121c, 3525		
															Inter- mediate	Top	Bot- tom
3'0"	Entrance, Vestibule	3510 I	300	301	302	303	35			10x730		10x830				171A	
3'6"	Interior																
3'6"	Entrance, Vestibule	3510 II	4000	4010	4020	4030	50			10x7400		10x8400				171A	
4'0"	Interior																

* Controls shipped with dress plate, bottom arm, top pivot and cement case.

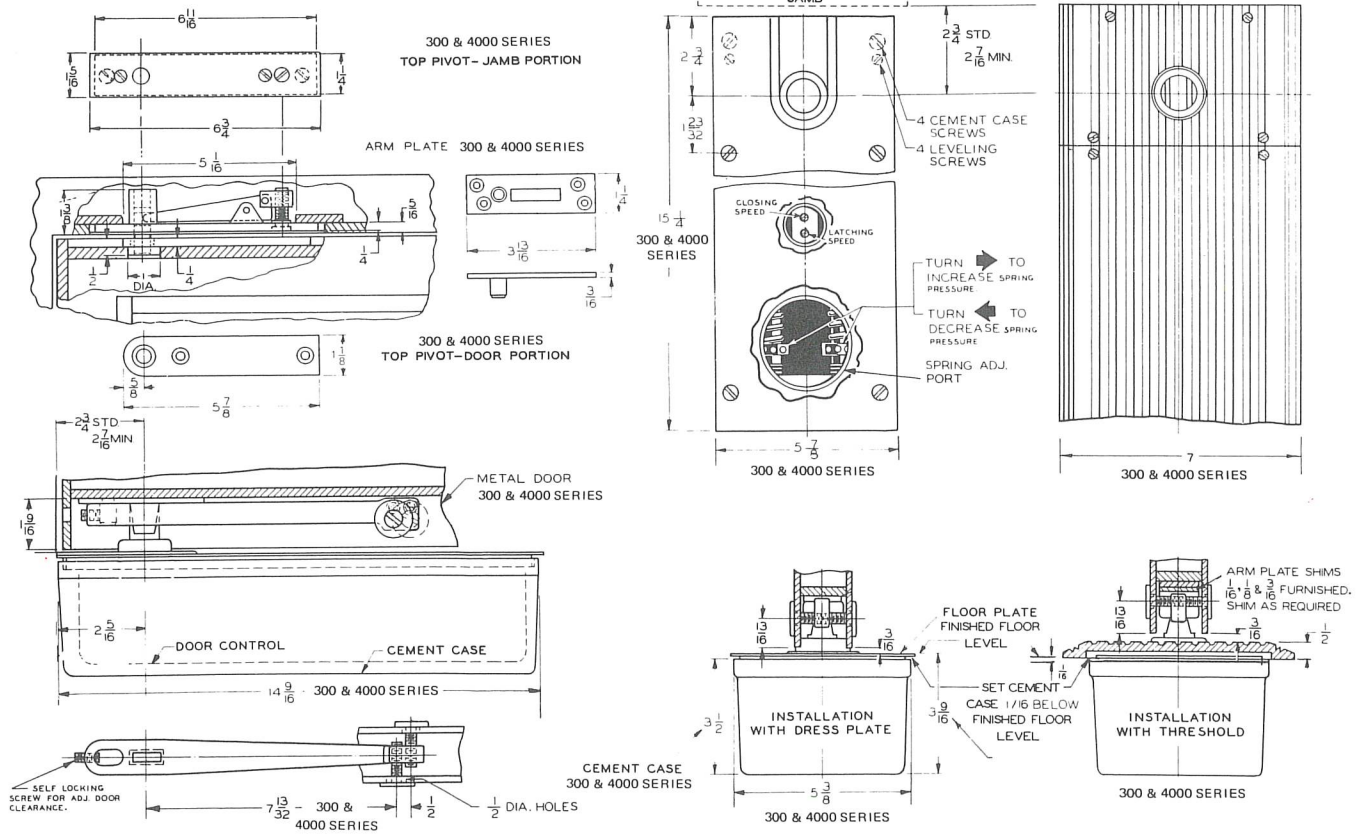
† No. 2 stop strip available upon request.

Standard concealed in floor door controls **300 and 4000**
WHEN SPECIFYING OR ORDERING ALWAYS... **SERIES**

1. Specify door size and type.
2. Select correct door control by model number for application.
3. Advise door and frame material so proper screws and accessories are furnished.
4. Advise door thickness.
5. Specify finish.
6. Advise if thresholds are required. (If thresholds are specified, order floor-type door controls less floor dress plates.)
7. Advise if spindle longer than standard length is required.

TYPICAL ORDER

Quantity	Hand	Dor-O-Matic Model No.	Finish	Special instructions on other than standard units	Door Size	Door		Jamb	
						Metal	Wood	Metal	Wood
16		301	US28	spindle clearance 1"	3'0" x 7'0" x 1 3/4"	M		M	
6		4020	US10	with extended port caps less dress plates	4'0" x 7'6" x 2 1/2"		W	M	



Caution: Request latest template for each installation; templates are revised from time-to-time when necessary.

SUGGESTED SPECIFICATION – **Standard** 300 And 4000 SERIES

Concealed in the floor closers to be Federal Specification number 3510 I (300 Series) to conform to manufacturers recommendation for door size and location.

Closers to be equipped with compression springs, two readily accessible adjustments to independently control the

initial closing and latching speeds, and integral leveling screws to level the door control in cement case.

Positive Stop and Hold Open 90°-105° to be identical degree with no over swing permitted.

Offset Closers used on B, C, D, E label doors must have U.L. approval, with no hold open.