

SURFACE MOUNTED

FOR DEAD STOP ADD 3/4" TO 'A' DIMENSION
 ALL DRILLING & TAPPING TO BE DONE IN FIELD
 ALL DIMENSIONS SHOWN IN INCHES

'A' & 'B' DIMENSIONS MEASURED FROM CENTER LINE OF PIVOT

MODEL NO.	DEGREE	85° H.D.		90° H.D.		95° H.D.		100° H.D.		105° H.D.		110° H.D.	
		A	B	A	B	A	B	A	B	A	B	A	B
3111	18' TO 23-15/16'	2-1/2	5-1/8	2-3/16	4-13/16	1-7/8	4-1/2	1-11/16	4-5/16	—	—	—	—
3121		24' TO 29-15/16'	5	6-3/4	4-5/8	6-3/8	4-1/4	6	3-15/16	5-11/16	3-11/16	5-7/16	—
3131			10	7-11/16	9-1/2	7-3/16	9-1/16	6-3/4	8-3/4	6-7/16	8-7/16	6-1/8	8-1/8
3112	30' TO 35-15/16'	14-3/8	9-3/16	13-13/16	8-5/8	13-5/16	8-1/8	12-7/8	7-11/16	12-1/2	7-5/16	12-1/8	6-15/16
3122		36' TO 48'											
3132													

1-3/4" TO 2-3/8"
 DOOR THICKNESS
 BUTT & OFFSET PIVOT

MODEL NO.	DEGREE	85° H.D.		90° H.D.		95° H.D.		100° H.D.		105° H.D.		110° H.D.	
		A	B	A	B	A	B	A	B	A	B	A	B
3111	18' TO 23-15/16'	2-3/4	5-3/8	2-7/16	5-1/16	2-1/8	4-3/4	1-15/16	4-9/16	—	—	—	—
3121		24' TO 29-15/16'	7	4-7/8	6-5/8	4-1/2	6-1/4	4-3/16	5-15/16	3-15/16	5-11/16	—	—
3131			10-1/4	7-15/16	9-3/4	7-7/16	9-5/16	7	9	6-11/16	8-11/16	6-3/8	8-3/8
3112	30' TO 35-15/16'	14-5/8	9-7/16	14-1/16	8-3/4	13-9/16	8-3/8	13-1/8	7-15/16	12-3/4	7-9/16	12-3/8	7-3/16
3122		36' TO 48'											
3132													

1-3/8" TO 1-5/8"
 DOOR THICKNESS
 BUTT & OFFSET PIVOT

MODEL NO.	DEGREE	85° H.D.		90° H.D.		95° H.D.		100° H.D.		105° H.D.		110° H.D.	
		A	B	A	B	A	B	A	B	A	B	A	B
3111	22' TO 27-7/16'	3-1/8	5-3/4	2-13/16	5-7/16	2-1/2	5-1/8	2-5/16	4-15/16	2-3/16	4-13/16	2	4-5/8
3121		27-1/2' TO 33-7/16'	5-5/8	7-3/8	5-1/4	7	4-7/8	6-5/8	4-9/16	6-5/16	4-5/16	4-1/16	5-13/16
3131			10-5/8	8-5/16	10-1/8	7-13/16	9-11/16	7-3/8	9-3/8	7-1/16	9-1/16	6-3/4	8-3/4
3112	33-1/2' TO 38-15/16'	15	9-13/16	14-7/16	9-1/4	13-15/16	8-3/4	13-1/2	8-5/16	13-1/8	7-15/16	12-3/4	7-9/16
3122		39' TO 48'											
3132													

1-3/8" TO 2-3/8"
 DOOR THICKNESS
 CENTER HUNG