## MOUNTING INFORMATION

Sex nuts or through bolts are required for wood and plastic covered composite doors, and any type of door without reinforcements and recommended for wood core and metal clad (Kalamein) type doors.

NOTES:

1. Dimensions given in inches and (mm).
2. Minimum Top Rail:

Standard Header Width: 1-7/8 (48)
Narrow Header Width: 2-1/4 (57)
3. Auxiliary door stop required, by others.
4. Center hung doors must be single acting.
5. Maximum Opening is based on a 3-1/4 (83) reveal. Deeper reveals will limit the degree of opening.

RH SHOWN
LH OPPOSITE

CAUTION:
Closer To Be Installed In A True Horizontal Position To Ensure Proper Closer Performance.


| OPENING <br> MAXIMUM | A | B | HINGE <br> CONDITION |
| :---: | :---: | :---: | :---: |
| $110^{\circ}$ | $6-7 / 8$ <br> $(175)$ | 14 <br> $(356)$ | Butts, Offset <br> Pivots, and <br> Swing Clear <br> Hinges |
| $140^{\circ}$ | $5-1 / 8$ <br> $(130)$ | $12-1 / 2$ <br> $(318)$ | $3-3 / 8$ <br> $(86)$ | | $10-1 / 2$ |
| :---: |
| $(267)$ |$\quad$| CENTER |
| :---: |
| $140^{\circ}$ | | $5-1 / 8$ |
| :---: |
| $(130)$ | | $12-3 / 8$ |
| :---: |
| $(314)$ | | CENTE |
| :---: |
| HUNG |


| HEADER <br> WIDTH | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}_{\text {MIN }}$ | $\mathbf{F}_{\text {MIN }}$ |
| :---: | :---: | :---: | :---: | :---: |
| STANDARD | $1-1 / 2$ <br> $(38)$ | $3 / 4$ <br> $(19)$ | $2-1 / 8$ <br> $(54)$ | 4 <br> $(102)$ |
| NARROW | $1-7 / 8$ <br> $(48)$ | $3 / 8$ <br> $(10)$ | $1-3 / 4$ <br> $(45)$ | $3-5 / 8$ <br> $(92)$ |



RESPONSIBILITY
Door and Frame Manufacturers are responsible for providing adequate construction or reinforcements for proper installation of hardware shown. All architectural builders hardware must be installed on properly reinforced doors and frames, regardless of the type, material, or method of construction.

## DC8220 Series

Top Jamb Arm Mounted
Surface Door Closer
(with or without A1/A6/A8)

| Russwin7/ת |  |  |
| :---: | :---: | :---: |
| ASSA ABLOY |  |  |
| Do Not Scale Drawing |  |  |
| Supersedes | Dr. | App. |
| Date 04-08 | ate |  |

Copyright® 2008 Corbin Russwin, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of Corbin Russwin, Inc. is prohibited.

