



LIFTER ASSISTER APPLICATION DATA

(Refer to Drawings B-302, B-303/B-304, B-305/B-306 and B-307)

A. Cover Style: Noninsulated Insulated

B. Eyebolt:

If the cover thickness is 1/4" to 1 1/4", use 303-7-CS. If the cover thickness is up to 4 1/4", use 303-71-CS.

C. Washer: Standard flat washer is included.

For insulated covers with thin jacket, use 2 7/8" O.D. x 3/16" thick large washer. For angled surface, use wedge washer.

D. The unassisted lifting force at the handle is _____ pounds. (≈ 1/2 the cover weight.)

E. The distance from the handle to the hinge pin is _____ inches.

F. The spring assistance desired at the handle is _____ pounds.

G. Please select one of the following Lifter Assistors in the table on the right:

H. The hole diameter for the hinge pin is _____ inches.

If the holes are larger than 1 1/8, a sleeve may be required.

Please specify the sleeve below on line "J".

I. The outer face to face span of hinge bracket is _____ inches.

J. The sleeve (if required) O.D. is _____ inches; the length is _____ inches.

K. Customer name: _____

L. Purchase order number: _____; quantity: _____

M. Car numbers: _____

N. Submitted by: _____; date: _____

| PART NUMBER | ASSIST (POUNDS) ⁽¹⁾ | SPRING | QTY. | WIND | SELECTION (CHECK ONE) |
|-------------|--------------------------------|------------------------|------|----------|-----------------------|
| B-302 | 22 | 303-31-CS | 1 | RH | |
| B-303 | 44 | 303-3-CS | 1 | RH | |
| B-304 | 44 | 303-31-CS 303-34-CS | 1 | RH LH | |
| B-305 | 66 | 303-31-CS 303-33-CS | 1 | RH LH | |
| B-306 | 88 | 303-3-CS 303-33-CS | 1 | RH LH | |
| B-307 | 88 | 303-3-CS 303-33-CS | 1 | RH LH | |

Note 1. Assist at handle for 36" dia. cover.

2. If you have a possible lifter assister application not shown, please send us information on your cover weight and detailed drawings of the hinge bracket and cover arrangement. Midland engineering will make a design layout for your application.