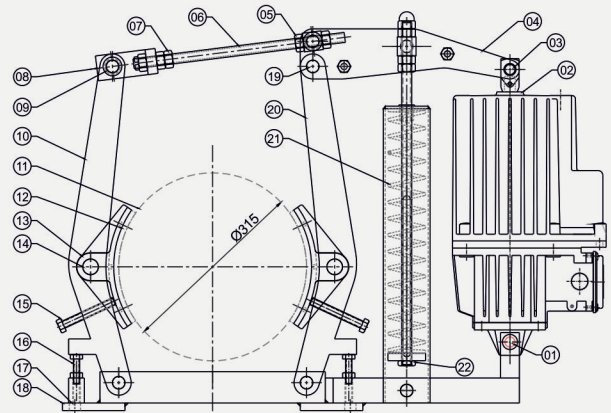
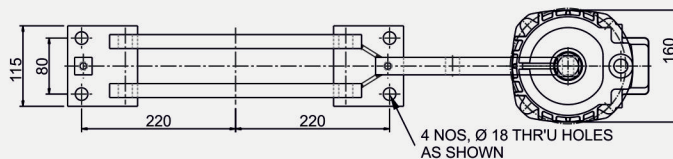
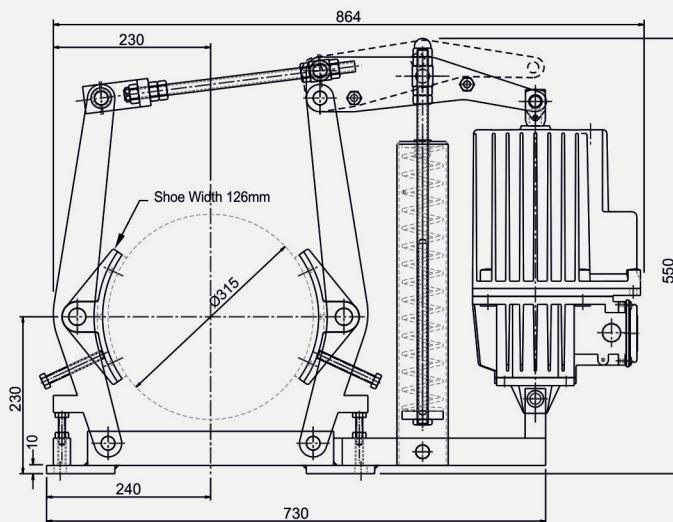
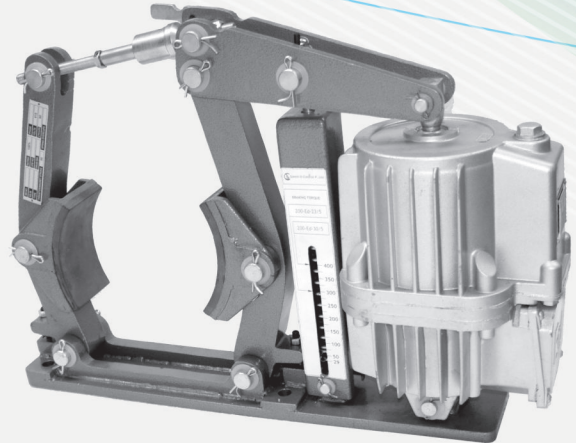


# SMD 315-50

## Features

- Robust and rugged design to withstand arduous environment in steel, Rolling Mills, Elevators, Lifts Cements and other heavy engineering plants.
- Excellent designs & good manufacturing process (GMP) ensure a reliable product.
- Consistent braking torque due to selected and tested brake lining material.
- The design ensures efficient distribution of forces.
- Sturdy components and Thruster ensure long, trouble free service and requires no major attention.
- Ease Of maintenance and replacement of brake shoe without dismounting the brake.
- Compact designs and elegant aesthetic looks.



1. Thruster assembly
2. Thruster Hinge Pin (lower)
3. Thruster Hinge pin (Brake lever)
4. Base Plate.
5. Foundation bolt holes
6. Side Arm
7. Side Arm stopper screw
8. Shoe adjusting screw
9. Shoe hinge pin
10. Brake shoe
11. Brake liner
12. Brake Drum (User's supply)
13. Tie-rod adjustment nut & lock-nut
14. Swivel Block
15. Tie rod or, connecting rod.
16. Swivel block for lever..
17. Tie-rod Hinge pin
18. Lever hinge pin
19. Lever
20. Brake Torque adjustment nuts
21. Compression Spring
22. Main Arm.

| Brake Type | Item Code    | Mbr Torque<br>U = 0.4 |     | Lifting force at<br>+35°C<br>U = 0.4 |    | Stroke | Power<br>at<br>+ 35° | Current at<br>+35 CV.<br>415<br>Hz 50 (A) | Oil<br>Capacity<br>Liters | Max cycles per<br>hour with<br>ambient<br>temperature<br>of +50° C (n°) | Max ambient<br>temperature<br>for<br>continuous<br>operations (C°) | * Weight |
|------------|--------------|-----------------------|-----|--------------------------------------|----|--------|----------------------|-------------------------------------------|---------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------|----------|
|            |              | Nm                    | Kgm | N                                    | kg | (Mm)   | (W)                  | (A)                                       | (Ltrs.)                   | (n°)                                                                    | (C°)                                                               | (Kg)     |
| SMD-315-50 | 100200052001 | 1050                  | 105 | 500                                  | 53 | 60     | 330                  | 1.2                                       | 4.2                       | 2000                                                                    | 50                                                                 | 50       |

\*Without Thruster



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