

Indian Standard IS 3564:1995- Your Guide to Safe and durable Door Closers

IS 3564:1995 is the Indian Standard for **Hydraulically Regulated Door Closers**, which specifies the design, testing and performance of door closers that use hydraulic mechanisms to control the closing action of doors. These closers are widely used in both residential and commercial buildings to ensure that **doors close automatically**, safely, and securely.

A hydraulically regulated door closer is a mechanical device used to control the closing action of a door. It operates by using hydraulic fluid to **regulate the speed and force** with which the door closes, ensuring smooth, controlled, and reliable door movement. These door closers are typically used in commercial, residential, and industrial settings to automatically close doors after they have been opened, preventing them from remaining ajar or swinging open too forcefully.

This standard specifies the materials, construction, performance, finish, test methods, marking and labelling requirements for the Hydraulically Regulated Door Closers. The standard emphasises on safety, durability and functionality of the Hydraulically Regulated Door Closers. The standard is essential for manufacturers, architects, and engineers involved in the design and installation of automatic door systems.

In summary, IS 3564:1995 ensures that hydraulically regulated door closers meet key user expectations such as smooth, adjustable and safe door closing, as well as durability and quiet operation. The standard ensures that the door closer meet the essential performance criteria, including durability, safety and smooth operation by ensuring that these products meet specific criteria. The standard helps maintain the efficiency and longevity of hydraulically regulated door closers in both residential and commercial buildings.