

SUMMARY OF INDIAN STANDARD

IS 6343:1982

Door Closers (Pneumatically Regulated) For Light Doors Weighing Upto 40 Kg (First Revision)

Pneumatic door closers, increasingly used in air-conditioned hospitals, offices, restaurants, and frequently accessed residential spaces, offer an economical alternative to hydraulic closers, especially for light doors up to 40 kg. This Indian Standard, IS 6343:1982, first issued in 1971 and revised in 1982, outlines manufacturing and performance specifications for these closers, considering feedback from both users and manufacturers. The revised standard introduces additional materials for components, aligns with recent Indian Standards, and refines performance requirements. This standard covers the requirements for door closers (pneumatically regulated) for use on light doors weighing up to 40 kg.

Pneumatic door closers are classified by door-opening direction: right, left, or universal. The standard defines requirements for component materials, dimensions, and finishes, ensuring durability and a defect-free appearance. Treatment processes for components are also detailed, such as anodizing aluminium and applying a two-coat enamel finish to steel parts for enhanced resilience.

Marking and packaging details, including manufacturer information and batch numbers, are mandated for traceability. This standard promotes high-quality, uniform production of pneumatic door closers. Recognizing the importance of these specifications, the Ministry of Commerce and Industry, Government of India mandates BIS certification under the Door Fittings (Quality Control) Order to ensure compliance to IS 6343:1982, ensuring the production of safe, reliable door closers (pneumatically regulated) for use on light doors weighing up to 40 kg.