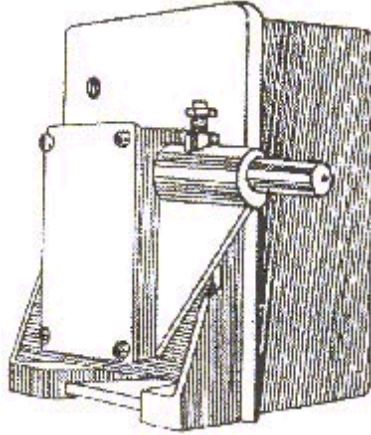


## Rotary Geared Limit Switch



### Introduction

Rotary geared limit switch is used to trip motor supply when the moving loads reach the extreme end positions of working zone. Rotary geared limit switches are suitable for use on reversing drives such as Hoists, winches, rolling mills and various other mechanisms used in steel plants such as coke oven, feeding machinery etc.

### Assembly and Function

A two (or more) contact elements are operated by respective rotating cams, suitably adjusted on a cam shaft which rotates with fixed speed ratio of the drive motor shaft. The cams can be steplessly positioned so that they trip motor supply and stop the motion at the set point of travel. The RGLS limit switches with IP-44 / IP-54 degree of protection are available in desired NO / NC contacts combinations and specified gear ratios

### Technical Specification

Body Material	C.I casting
Enclosure	IP-44/IP-54
Mounting Position	Vertical
Cable entry	¾" Conduit
Gear ratios	48:1, 60:1, 96:1
Drive	Worm drive
Rated Voltage	500 V
Thermal Test Current	10 Amp
No. of contacts	2 NO or 2 NC (Adjustable cam setting)
Contact Material	Silver Cadmium