

ELECTRO-HYDRAULIC THRUSTER (ST)-545



INTRODUCTION

An Electro-hydraulic thruster is a device that develops linear thrust (or force) required to operate the required mechanism. The input to the device is a three-phase supply. The thrusters are widely used to actuate. Thruster shoe Brakes, commonly used in material handling machines. Thrusters in various models develop 15 kg to 295 kg. In stroke lengths of 51 mm, 76 mm & 127 mm.

Thrusters should be mounted with in $\pm 10^\circ$ from vertical. Working fluid Thrusters should be mounted with in $\pm 10^\circ$ from vertical. Working fluid - Transformer oil to BS 148.

TECHNICAL DATA

THRUSTER MODEL	ST - 545
LIFTING FORCE	46 Kg
STROKE	50 mm
CURRENT	0.6 Amps
POWER	180 Watt
OIL CAPACITY	3 Liters Transformer Oil
WEIGHT	16 Kg
VOLTAGE A.C.	415V 3Ø, AC
INGRESS PROTECTION	IP-55 (IS/IEC 600529:2001)
AMBIENT TEMPERATURE	50°C Max
NO.OF START	720/hr

★ 380V, 460V, 550V on Enquiry



**ELECTRO-HYDRAULIC THRUSTER
MODEL ST 545**

