



Specifications :

Features

- Machine with mechanical loading arrangement
- Includes digital tachometer
- High grade FRP material enclosure.
- The Rear of the Control panel covered with transparent sheet
- Heavy duty base and channel
- Brake-Drum Pulley with heat suppression facility
- Equipped with supply indication lamps

Scope of Learning

- Study of running and reversing of three phase induction motor using VVVF Drive
- Study of no load test performed in a three phase induction motor using VVVF Drive
- Study of speed-torque characteristics in a three phase induction motor using VVVF Drive
- Study of speed control of three phase induction motor with VVVF control technology in open loop condition.

Technical Specifications

Mains Supply	: Three phase, 415V AC ± 10%, 50Hz
Drive	
Make	: Siemens
Input Voltage	: Three phase, 415V AC ± 10%,
Output frequency range	: 0 to 599Hz (default range) with resolution of 0.01Hz
Protection Class	: IP20
Three Phase Induction Motor	
Type	: Squirrel Cage
Rating	: 1HP (2 HP and 3 HP also available)
Voltage Rating	: 415V AC
Speed	: 1440 RPM ± 5%
Insulation	: Class B/F
Loading arrangement	: Mechanical
Brake Drum/Pulley	: Aluminum Casted
Digital Meters used	
AC Voltmeter	: 450V AC
AC Ammeter	: 5AAC
MCB (TPN)	: 10AAC

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com