

Tesca Technologies Pvt. Ltd.

Order Code - 22235521.2.35 Three Phase VVVF Drive Training System



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 ٠
- Brake-Drum Pulley with heat suppression facility
- Equipped with supply indication lamps ٠

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 | | |
| Туре | : | 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 |
| ACAmmeter | : | 5A AC |
| MCB (TPN) | : | 10A AC |
| | | |

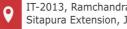
Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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