EFF 735 OEM DISK DRIVE

EFF 735 LEADERSHIP FEATURES

- Advanced Winchester technology
- Microprocessor controlled diagnostics
- 353.8 megabytes storage
- 23 MS average access time
- Electronic tachometer
- Fixed head option
- Dual port capability
- Single phase motor
- No special service tools required
- No field adjustments

The EFF 735 DISK DRIVE is the first fixed media disk drive to incorporate a built in MICROPROCESSOR.

Advanced read/write technology with a fixed sealed head disk assembly, provides 353.8 megabytes of storage on a single spindle. An additional 1.26 mbytes of storage is available by taking advantage of the fixed head option.

Data encoding and decoding is performed in the drive. An industry compatible OEM interface is provided. Therefore, changes to a customer system disk controller are minimal.

Electronic tachometer, address mark format, rotational positional sensing, programmable sector mark and single phase power are all standard.

With the built in microprocessor providing drive diagnostics, there is no need for expensive external test equipment or special tools.

Ease of maintenance with only seven subassemblies. Field adjustments are never required and scheduled preventive maintenance is at a minimum.
EFF 735
OEM CHARACTERISTICS

Capacity (megabytes)
- Moving Heads: 353.8
- Fixed Heads: 1.26

Bit Density (Bits Per Inch)
- 6714

Track Density (Tracks per Inch)
- 476

Track Capacity (Bytes)
- 21060

Cylinders
- Moving Head: 560
- Fixed Head: 2

Recording Surfaces
- Moving Head: 16 (15 Data — 1 Servo)
- Fixed Head: 1 Data

Number of Heads
- Moving Heads: 30 Data — 1 Servo
- Fixed Heads: 60

Access Time
- Minimum: 4 MS
- Average: 23 MS
- Maximum: 46 MS

Disk Rotational Speed (RPM)
- 3600 ± 3%

Transfer Rate (Bytes)
- 1.26 X 10^6

Power Requirements
- 208/240 VAC + 6%—15%
- 200/203 VAC + 10%—15%
- 60 HZ ± 2% Single Phase
- 7 AMPS Running
- 200/220/380 VAC + 10%—15%
- 240/416 VAC + 6%—15%
- 50 HZ ± 2% Single Phase
- 7 AMPS Running

Operating Environment
- Temperature: 12°C—32°C (54°F—90°F)
- Relative Humidity: 20%—80% (No Condensation)

Physical Dimensions
- Height (Work Surface): 44.25”
- Width (Add 2” for each side cover): 22.50”
- Depth: 33.00”
- Weight: 375 Lbs.

EFF 735 FEATURES

STANDARD FEATURES
- Advanced Winchester technology
- Microprocessor controlled diagnostics
- 353.8 megabytes storage
- Data encoding and decoding
- 23 MS average access time
- Single phase power
- Electronic tachometer
- Ease of maintenance
- Address mark format
- Rotational position sensing
- Programmable sector mark

OPTIONAL FEATURES
- 1.26 megabytes additional fixed head storage
- Dual port (factory or field installed)

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