



Burroughs

B 9373-3

Head-per-Track

Disk File

Operating Characteristics

- A 23 ms, intermediate capacity data storage subsystem with unmatched applicational flexibility.
- Each subsystem includes an integrated electronics unit plus a 20-million byte storage module.
- The electronics unit contains the main air pressure system, starting controls, and read/write head switching logic for its associated storage module(s).
- 20-million byte storage increments (B 9374-3) may be added to increase the subsystem's capacity to 100 million bytes.
- Additional electronics units (B 9371-6), available as options, provide for simultaneous accesses into subsystems with 40 million or more bytes capacity.
- Average access time (one-half disk revolution) to each record is 23 ms regardless of subsystem size.
- Average data transfer rate is 353,000 bytes per second.
- Maximum data transfer rate is 409,000 bytes per second.
- Each storage module contains four disks, each of which has two recording surfaces.
- Each track of each disk surface has an individual, fixed read/write head, operated by electronic switching.
- Segment size is 100 bytes.
- A lockout switch, provided for each disk, can prevent writing on the disk. Locking out a disk does not prevent reading from it.
- Automatic checking is provided to assure valid data recording.

Physical Characteristics

■ Electronics Unit

- Width: 23½ inches.
- Depth: 46½ inches.
- Height: 52 inches.
- Weight: 450 pounds.

■ Storage Module*

- Width: 22 inches.
- Depth: 46½ inches.
- Height: 52 inches.
- Weight: 575 pounds.

*B 9374-3 dimensions are identical.

