CHAPTER 1 SPECIFICATIONS

## 1-1 Major Specifications

| Model Name | | | | FB-501 | FB-502 | FB-503 | FB-504 |
|---|---|---|---|---|---|---|---|
| Type | | | | Single-side | Single-side Double-track | Double-side | Double-side Double-track |
| Items | | | Unit | | | | |
| Memory Capacity (MFM) | Unformatted Per Disk | | Bytes | 250K | 500K | | 1M |
| | Formatted Per Disk | | Bytes | 164K | 328K | | 656K |
| Media | Basic Format | Bytes/Sectors | Bytes | 256 | | | |
| | | Sectors/Track | | 16 (Soft Sector) | | | |
| | Track Radius | OD | mm | 57.151 | | | |
| | | ID | mm | 36.514 | 36.249 | 34.396 | 34.131 |
| | Number of Recording Sides | | | 1 | | 2 | |
| | Number of Cylinders | | | 40 | 80 | 40 | 80 |
| | Number of Tracks | | | 40 | 80 | | 160 |
| | Index | | | 1 | | | |
| Recording | Recording Method | | | FM/MFM | | | |
| | Packing Density | | BPI | 5536 | 5576 | 5876 | 5922 |
| | Track Density | | TPI | 48 | 96 | 48 | 96 |
| | Data Transfer Speed | | Bits/sec | 125K/250K | | | |
| Access Time | Average Latency | | msec. | 100 | | | |
| | Seek Time | | msec | 6 | 3 | 6 | 3 |
| | Settling Time | | msec. | 15 | 15 | 15 | 15 |
| | Average Access Time | | msec. | 88 | | | |
| | Head Load Time | | msec. | ——— | | Option (35ms) | |
| | Motor Starting Time | | msec. | 500 | | | |
| Spindle Speed | | | RPM | 300 | | | |

This drive has been designed conforming to the media specified in ISO, ANSI, ECMA, and JIS.