

# HITACHI ESDI

## 5.25 INCH DISK DRIVE PERFORMANCE SPECIFICATIONS

| Item                                      |                  | Unit          | DK512<br>A    | DK522         | DK524         | DK514-<br>38  | DK515-<br>78  | DK516-<br>12  | DK516-15      |
|-------------------------------------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Interface</b>                          |                  | -             | ESDI<br>10MHz | ESDI<br>10MHz | ESDI<br>15MHz | ESDI<br>15MHz | ESDI<br>20Mhz | ESDI<br>24MHz | ESDI<br>24MHz |
| <b>Total Capacity</b>                     | <b>Formatted</b> | <b>MBytes</b> | 134.8         | 91            | 173.1         | 330.1         | 673.1         | 1056          | 1321          |
| <b>Track Capacity</b>                     | <b>Formatted</b> | <b>Bytes</b>  | 16384         | 18432         | 26112         | 23580         | 35328         | 39424         | 39424         |
| <b>Sector Length</b>                      | <b>Bytes</b>     | <b>256</b>    | 512           | 512           | 512           | 512           | 512           | 512           | 512           |
| <b>Number of Cylinders</b>                |                  | -             | 823           | 823           | 1105          | 903           | 1361          | 1787          | 2235          |
| <b>Number of Heads<br/>(Data + Servo)</b> |                  | -             | 10+1          | 6+1           | 6+1           | 14+1          | 14+1          | 15+1          | 15+1          |
| <b>Disk Speed</b>                         |                  | <b>rpm</b>    | 3482          | 3600          | 3600          | 3600          | 3600          | 3600          | 3600          |
| <b>Power<br/>Requirements</b>             | <b>12V(MAX)</b>  | <b>A(MAX)</b> | 4.2           | 3.6           | 3.6           | 4.5           | 4             | 5             | 5             |
|                                           | <b>12V(TYP)</b>  | <b>A(TYP)</b> | 1.7           | 1.1           | 1.1           | 2             | 2             | 2,5           | 2,5           |
|                                           | <b>5V(MAX)</b>   | <b>A(MAX)</b> | 1.3           | 1.2           | 1.2           | 1.2           | 1.2           | 1             | 1             |
|                                           | <b>5V(TYP)</b>   | <b>A(TYP)</b> | 1             | 0.7           | 0.8           | -             | -             | -             | -             |