

PRODUCT SPECIFICATIONS

PHYSICAL

Voltage

+ 5

+12

Voltage

+ 5

+12

Watts

*Typical Currents
HEAT DISSIPATION

POWER REQUIREMENTS

CURRENT REQUIREMENTS

*Idle

.9A

1.0A

PERFORMANCE	TL326	TL340			
CAPACITY-UNFORMATTED					
Per Drive (MB)	26.70	40.00			
Per Surface (MB)	6.67	6.67			
Per Track (Bytes)	10416	10416			
CAPACITY-FORMATTED					
Per Drive (MB)	22.28	33.42			
Per Surface (MB)	5.57	5.57			
Per Track (Bytes)	8704	8704			
Per Sector (Bytes)	512	512			
Sectors/Track	17	17			
Transfer Rate (Mbits/sec)		5.0			
ACCESS TIMES* (Includes settling time)					
Track to Track		14 ms			
Average		40 ms			
Maximum		95 ms			
Average Latency Time		8.33 ms			
Start Time (maximum)		25 sec			
Start Time (typical)		20 sec			
*Access Times based on 20.0/30.0 MB formated					
FUNCTIONAL					
Cylinders*	640	640			
Tracks	2560	3840			
R/W Heads	4	6			
Index		1/Rev			
Rotational Speed (rpm)	36	00±0.1%			
Recording Density (bpi)		10,000			
Track Density (tpi)		656			
*Ten spare cylinders are provided		640-649			
RELIABILITY					
MTBF (POH)		>12,000			
Preventive Maintenance		NONE			
MTTR (minutes)		30			
Component Life (years)		5			
ERROR RATES					
Soft (bits read)		1x10 ⁻¹⁰			
Hard (bits read)		1x10 ⁻¹²			
Seek		1x10 ⁻⁶			
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vvalis		15/16	
BTU/hr		50	
PHYSICAL SIZE			
Height		1.625 in (4.127 cm)	
Width		5.75 in (14.61 cm)	
Depth		8.00 in (20.32 cm)	
Weight		3.61 lb (1.64 kg)	
Acoustical Noise		55 dbA at 1 meter	
ENVIRONMENTAL	L LIMITS		
S	STORAGE/TRANSIT	OPERATING	
Temperature(F)	-40F to 158F	60F to 122F	
Temperature(C)	-40C to 70C	15C to 50C	
Temp. gradient*	15 C/hr (27F)	10 C/hr (18F)	
Humidity	5-90%	10-85%	
Hum. gradient	20%/hr	20%/hr	
Altitude	-1000 to 40K ft	-1000 to + 10K ft	
*No condensation			
SHOCK			
Operating		10g	
Non-operating		40g	
Shipping		36" package drop	
VIBRATION			
Operating	.036 in displacement 5-17HZ		
		17 to 150 HZ .55g	
		200 to 500HZ .25g	
Non-operating		.5g 5-200HZ	
Shipping		1.5g 5-200HZ	

Tolerance

±5%

±5%

*Seeking

.9A

1.4A

Ripple

50 mv

500 mv

Surge

1.6A/2.5A

1.0A

15/16



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