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ST-410800N Elite 9 Fast SCSI-2

This T-RES only on Differential model
(see below for T-RES descriptions)

Spindle Sync Terminator Power Source
Terminator DIPs Power
SCSI Cable Connector
Master off/Slave on - Spindle Sync
Write Protect option enable
SCSI ID
Spinup Delay (10 secs * ID)
Motor Start option enable
Parity check DISable
Sweep Cycle enable

Terminator Power Source Options
2 & 4 f Initiator supplies power over the SCSI Bus for terminators.
Drive supplies no terminator power.
1 & 2 f Drive supplies power for its own terminator resistor-paks
but not to SCSI Bus. This is the factory setting.
1 & 3
AND f Drive supplies power for external terminator at end of the
2 & 4 daisy chain. Terminator resistor-paks must be removed.
This option is recommended only for last drive on daisy
chain.

T-RES descriptions: ST410800N 2 SIPs
ST41-800ND 2 DIPs

ST-410800N
Elite 9

UNFORMATTED CAPACITY 10,800
FORMATTED CAPACITY (512 byte blk) 9,080
AVERAGE SECTORS PER TRACK (rounded down)
ACTUATOR TYPE ROTARY VOICE COIL
TRACKS
CYLINDERS 4921
HEADS 27
DISCS (5.25 in) 14
MEDIA TYPE THIN FILM

HEAD TYPE _____ THIN FILM
 RECORDING METHOD _____ ZBR RLL (1,7)
 INTERNAL TRANSFER RATE (mbits/sec) _____ 42-65
 INTERNAL TRANSFER RATE AVG (mbyte/sec) _____ 7.2
 EXTERNAL TRANSFER RATE (mbyte/sec) _____ 10 (burst)
 SPINDLE SPEED (RPM) _____ 5,400
 AVERAGE LATENCY (mSEC) _____ 5.55
 COMMAND OVERHEAD (mSEC) _____ <0.5
 BUFFER _____ 1024 Kbyte
 Read Look-Ahead, Adaptive, Multi-Segmented
 Cache
 INTERFACE _____ SCSI-2 FAST
 BYTES PER TRACK _____ 63,000-91,000
 SECTORS PER DRIVE _____ 17,845,731
 BYTES PER CYLINDER _____ 1,058,400 to 1,587,600
 TPI (TRACKS PER INCH) _____
 BPI (BITS PER INCH) _____
 AVERAGE ACCESS (ms) read/write _____ 11/12
 SINGLE TRACK SEEK (ms) read/write _____ 0.9/1.7
 MAX FULL SEEK (ms) read/write _____ 23/24
 MTBF (power-on hours) Class A Room _____ NA
 MTBF (power-on hours) Office _____ 500,000
 POWER DISSIPATION (watts) _____
 POWER REQUIREMENTS: Single-ended/Differential
 +12V START-UP (amps) _____ 3.98/4.60
 +12V TYPICAL (amps) _____ 1.90/1.88
 +5V START-UP (amps) _____ 2.37/3.48
 +5V TYPICAL (amps) _____ 1.96/2.77
 TYPICAL (watts seek/read) _____ 32.60/36.41
 IDLE (watts) _____ 28.34/31.81
 USER MANUAL PART NUMBER _____
 OTHER _____
 Synchronized Spindles, Sweep Cycle Capability

** Already low-level formatted at the factory with six spare sectors per cylinder, one spare cylinders/unit, one system cylinder/unit, and one diagnostic cylinder/unit.

Physical:

Height (inches/mm): 3.25/82.6
 Width (inches/mm): 5.75/146.1
 Depth (inches/mm): 8.0/203
 Weight (lbs/kg): 7.8/3.6

Seagate reserves the right to change, without notice, product offerings or specifications. (12/15/93)