1 % surface x 10,000 track x 500 sector x 10248 3068 surface x Frack sector B) access time = seek time + votational delay + transfer time = 10ms + 2 6000 vot Turn + 605 + 6000 first 500 sector = 18000 ms 15.02 ms c) size per typle = 72 B

1000 typles = 72,000 B × 1024 B = 100 blocks
d) transfer time = 6000 × 0.02 ms × 71 block = 20 ms 1.42 ms access time = Ble suo 16.42 ms e) transfer time = 20 yrs seek time = 24 (10) = 240 yrs rot delay = \frac{1}{2} (10 ms) 24 = 120 ms time = 24 (10 + 5 + 3 (.02)) = 361.44 ms f) access 1 block = 15.02 ms query time = 10 x 15.02 = 150.2 ms 101 50 180 1 180 100 00





