

Model	IBM DNES-309170W
Disk Capacity	$C = 9.17$ GB
Number of cylinders/zones	11,474/11
Tracks per cylinder	5
Rotations per minute	7200 RPM
Disk rotation time	$T_{rot} = 8.33$ ms
latency	$\bar{x}_{lat} \approx T_{rot}/2$
Head settling time	$T_h = 0.14$ ms
Mean seek time	$\bar{x}_{seek} \approx 7.16$ ms
Mean transfer time per blocks	$\bar{x}_{xfer} \approx 0.16$ ms
Mean read time (\bar{x}_{SR})	$\bar{x}_{seek} + \bar{x}_{lat} + \bar{x}_{xfer}$
Read time for RAID5	$\bar{x}_{SR} \approx 11.49$ ms
Disk write time	$\bar{x}_{SW} = \bar{x}_{SR} + T_h$
RMW time for RAID5	$\bar{x}_{RMW} = \bar{x}_{SR} + T_{rot}$