Datenblatt Toshiba
MBF2600RC / MBF2450RC / MBF2300RC

ITEM	MBF2600RC	MBF2450RC	MBF2300RC
Basic specification			
Interface	SAS-2 (6Gbps SAS)	SAS-2 (6Gbps SAS)	SAS-2 (6Gbps SAS)
Formatted Capacity	600GB	450GB	300GB
Number of data heads	6	5	3
Number of disks	3	3	2
Performance			
Buffer size	16MB	16MB	16MB
Rotation speed	10,025rpm	10,025rpm	10,025rpm
Average Latency time	2.99ms	2.99ms	2.99ms
Average seek time (read)	4.0ms	4.0ms	4.0ms
Average seek time (write)	4.4ms	4.4ms	4.4ms
Supply Voltage			
Allowable Voltage	5V±5% , 12V±5%	5V±5% , 12V±5%	5V±5% , 12V±5%
Power consumption			
Low power Idle	3.5W (typ.)	3.5W (typ.)	3.2W (typ.)
Energy Consumption Efficiency /Category name	0.0059 e	0.0078 e	0.011 e
Dimension			
Height	15.0mm	15.0mm	15.0mm
Width	69.85mm	69.85mm	69.85mm
Depth	100.45mm (max.)	100.45mm (max.)	100.45mm (max.)
Weight	220g (max.)	220g (max.)	220g (max.)
Temperature			
Operating	5 to 55°C	5 to 55°C	5 to 55°C
Non-Operating	-40 to 70°C	-40 to 70°C	-40 to 70°C
Vibration/Shock			
Vibration (op)	0.6mm (5 to 20Hz) $9.8m/s^2$ (1G) [20 to 300Hz]	0.6mm (5 to 20Hz) $9.8m/s^2$ (1G) [20 to 300Hz]	0.6mm (5 to 20Hz) $9.8m/s^2$ (1G) [20 to 300Hz]
Vibration (non-op)	3.1mm (5 to 20Hz) $49m/s^2$ (5G) [20 to 300Hz]	3.1mm (5 to 20Hz) $49m/s^2$ (5G) [20 to 300Hz]	3.1mm (5 to 20Hz) $49m/s^2$ (5G) [20 to 300Hz]
Shock (op)	$980m/s^2$ (100G) [1ms duration]	$980m/s^2$ (100G) [1ms duration]	$980m/s^2$ (100G) [1ms duration]
Shock (non-op)	$3,920m/s^2$ (400G) [1ms duration]	$3,920m/s^2$ (400G) [1ms duration]	$3,920m/s^2$ (400G) [1ms duration]
Acoustics			
Idle (ave.)	2.9Bels (typ.)	2.9Bels (typ.)	2.9Bels (typ.)