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40K1044 – Storage Datasheet

✓ Government record, cited

IBM · STORAGE_HDD · 3.5_SAS_HDD

WHAT YOU NEED TO KNOW

SAS backplane supports SATA, not vice versa NL-SAS = SAS protocol at nearline (7.2K) speed
— NOT SATA

⚠ Gen8 LFF tray ≠ Gen10 tray — different screw holes

PRODUCT OVERVIEW

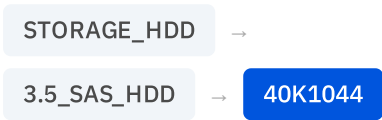
IBM 146GB 15K 3.5IN SAS HOT-SWAP HDD

High performance and reliability - these attributes define hard disk drives from IBM - a winning data storage solution. Designed specifically to meet the needs of your advanced, data-intensive applications, IBM hard disk drives provide users with a wide range of capacities and interfaces for nearly every data-intensive application. This part is cataloged in the U.S.

Government catalog under NSN 7025-01-547-5191, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS



NSN: 7025-01-547-5191
FSC: 7025 — Information Technology Input/output and

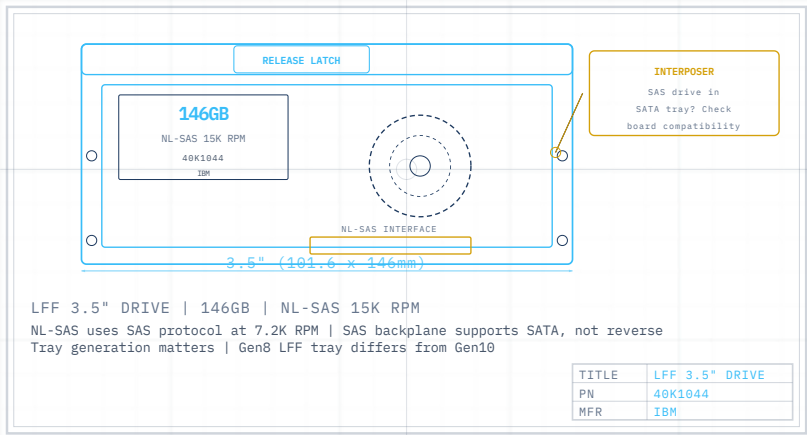
SPECIFICATIONS

drive_size	3.50
design_type	HARD DISK
unit_design	INTERNAL
power_source	EXTERNAL

Storage Devices
CAGE: 1U0E6 — IBM (USA)

drive_quantity	1
interface_type	SCSI
special_features	HOT SWAPPABLE,15000 RPM RPM
data_storage_capacity	146.80 GIGABYTES
transfer_rate_in_megabytes_per_second	200.0
NSN	7025-01-547-5191

COMPONENT DIAGRAM



KEY FEATURES

- 146GB Capacity
- 15K RPM Speed
- INTERFACE TYPE: SCSI
- DESIGN TYPE: HARD DISK
- TRANSFER RATE IN MEGABYTES PER SECOND: 200.0
- POWER SOURCE: EXTERNAL
- DRIVE QUANTITY: 1
- DRIVE SIZE: 3.50
- DATA STORAGE CAPACITY: 146.80 GIGABYTES

TYPICAL APPLICATIONS

- Enterprise storage arrays and SANs
- Direct-attached storage (DAS) expansion
- Database tier storage (OLTP, OLAP)
- Virtual machine datastore expansion
- Backup-to-disk and disaster recovery targets
- Content delivery and media streaming storage

TECHNICAL CHARACTERISTICS

INTERFACE TYPE	SCSI
DESIGN TYPE	HARD DISK
TRANSFER RATE IN MEGABYTES PER SECOND	200.0
POWER SOURCE	EXTERNAL
DRIVE QUANTITY	1
DRIVE SIZE	3.50
SPECIAL FEATURES	HOT SWAPPABLE,15000 RPM RPM
DATA STORAGE CAPACITY	146.80 GIGABYTES
UNIT DESIGN	INTERNAL

OTHER ITEMS IN FSC 7025 — INFORMATION TECHNOLOGY INPUT/OUTPUT AND STORAGE DEVICES

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

7025-00-001-2681	7025-00-001-5588	7025-00-001-6998	7025-00-001-6999
7025-00-001-7000	7025-00-001-7025	7025-00-001-7026	7025-00-001-7027

SUBSTITUTES & CROSS-REFERENCES
 10

10419554 Reference document Same NSN cross-reference Reference document — Informative reference only
43W7482 Substitute BROKER-VERIFIED IBM 146GB 15k 3.5in SAS Hot-Swap HDD substitute
39R7350 Substitute BROKER-VERIFIED IBM 146GB 15k 3.5in SAS Hot-Swap HDD substitute
40K1076 Substitute BROKER-VERIFIED IBM 146GB 15k 3.5in SAS Hot-Swap HDD substitute
26K5702 Substitute BROKER-VERIFIED IBM 146GB 15k 3.5in SAS Hot-Swap HDD substitute
26K5699 Substitute BROKER-VERIFIED

LIFECYCLE

NSN status	Active · U.S. Government catalog
No demilitarization required	

IBM 146GB 15k 3.5in SAS Hot-Swap HDD
substitute

THIS PART SUBSTITUTES FOR 9

26K5265 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

26K5517 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

26K5699 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

26K5702 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

26K5842 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

39R7350 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

40K1076 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

43W7482 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

43W7488 **SUBSTITUTE**
IBM 146Gb SAS 3G 15K LFF HDD - Option
IBM

FREQUENTLY ASKED QUESTIONS

What is 40K1044?
40K1044 is a IBM 146GB 15k 3.5in SAS Hot-Swap HDD manufactured by IBM. It is classified as a STORAGE_HDD (3.5_SAS_HDD).

What parts can replace 40K1044?
There are 10 known substitutes for 40K1044: 10419554, 43W7482, 39R7350 and 7 more. Substitute compatibility should be verified for your specific system.

What is the NSN for 40K1044?

40K1044 is cataloged in the U.S. Government catalog under NSN 7025-01-547-5191. This indicates validated use in U.S. government and defense supply chains.

✓ PartsTable — the parts reference. Every fact cited to its source.

 **PartsTable Design LLC · partstable.com**

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.