MDV60A0220-503-4-00

SEW-EURODRIVE GmbH & Co KG · MOVIDRIVE® plus Inverter (A-generation)

FEATURES

Book-style application inverter (A-generation basic unit, option-less, predecessor of MDX60B) for asynchronous and synchronous servo motors, 22 kW at 400 V. Data quality note: Dimensions and weight are aftermarket-unverified (official catalog doc 10539808 no longer hosted by SEW); electrical parameters verified per MD_60A system manual Size 3 rating. Requires manual review against physical unit or official archive.

Hardware

Book-style control-cabinet inverter; basic unit without option card slots (MDX60A = non-option-capable predecessor of MDX60B); control modes:
U/f, VFC, CFC, Servo; integrated brake chopper (4-quadrant); IPOSplus positioning/sequence control standard

Communication

Built-in ports:
SBus system bus; RS485

Protocols:
None (A-generation basic unit has no option card slots; fieldbus/encoder/safety options require external modules)

Communication expansion:
None (MDX60A basic unit has no option card slots; fieldbus/encoder/safety options require MDX61B)

Electrical

Supply voltage:
3 x AC 380-500 V nominal, 50-60 Hz +/-5%

Rated power (constant torque at 400 V):
22 kW

Continuous output current:
46 A (per MD_60A system manual Size 3 rating)

Overload capacity:
150% I_N (heavy duty); per MOVIDRIVE B generation specification

Output frequency:
0-400 Hz

Minimum braking resistor:
Not published by manufacturer (MDV60A generation-specific value not verified from official catalog; official MDX60A catalog doc 10539808 not retrievable at curation time)

DC bus voltage:
Not published by manufacturer

Environmental

Operating temperature:
0 to +45 °C (per MOVIDRIVE B generation)

Storage temperature:
-25 to +70 °C (non-condensing)

Relative humidity:
Not published by manufacturer (non-condensing)

Protection rating:
IP20 (EN 60529)

Physical

Dimensions (H×W×D):

Not published by manufacturer (aftermarket-unverified; dealer listings conflict: 4D Controls 200×200×470 mm vs Classic Automation 203×152×203 mm; official SEW MDV60A catalog doc 10539808 no longer hosted; treat as approximate, requires manual review)

Weight:

Not published by manufacturer (aftermarket-unverified; dealer listings report 13.9-14 kg; official SEW MDV60A catalog doc 10539808 no longer hosted; treat as approximate, requires manual review)

Lifecycle

Legacy/obsolete A-generation; superseded by MDX60B (basic) and MDX61B (option-capable); official SEW MDV60A catalog (doc 10539808, 2001/2002 edition) no longer hosted on current download server; available in aftermarket channels only (Last verified:

2026-09)