Schneider Electric BCH2MM0813CA6C

Servo Motor / Exact identity and technical profile

The technical decision for BCH2MM0813CA6C is controlled by its exact manufacturer identity, published characteristics and documented Lexium 28 / BCH2 boundary.

Continuous power	850 W
Rated supply	220 V; single- or three-phase drive system
Nominal speed	1500 rpm
Maximum mechanical speed	3000 rpm
Nominal torque	5.39 N.m
Peak stall torque	13.8 N.m

TECHNICAL MARKER

Retain the exact 0813CA6C mechanical and feedback execution.

TECHNICAL MARKER

Match the motor to the documented 220 V drive rating.

TECHNICAL MARKER

Keep the keyed shaft and oil-seal condition in the mechanical record.

TECHNICAL MARKER

Do not infer a brake where the exact code specifies none.

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read BCH2MM0813CA6C from the installed label and procurement record
Function evidence	Confirm the published servo motor role in the Lexium 28 / BCH2 system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept BCH2MM0813CA6C only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented BCH2MM0813CA6C position requires separate engineering approval.

Schneider Electric BCH2MM0813CA6C

Servo Motor / Published characteristics

This matrix groups the published BCH2MM0813CA6C characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact servo motor record.

Continuous power	850 W
Rated supply	220 V; single- or three-phase drive system
Nominal speed	1500 rpm
Maximum mechanical speed	3000 rpm
Nominal torque	5.39 N.m
Peak stall torque	13.8 N.m
Encoder	20-bit single-turn absolute
Shaft end	Keyed
Holding brake	Without brake
Shaft seal	Oil seal
Connector orientation	Straight connection
Motor standard	BCH2 range certified to EN/IEC 60034-1

INTERPRETATION

Use every BCH2MM0813CA6C value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make BCH2MM0813CA6C data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Schneider Electric suffix cannot fill a missing BCH2MM0813CA6C parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Schneider Electric BCH2MM0813CA6C

Servo Motor / System role and data flow

Compact servo axis

Provides 850 W motion power for the validated machine axis.

Keyed mechanical transmission

Drives the load through the documented keyed shaft.

Oil-sealed shaft service

Uses the specified oil-seal execution where the machine requires it.

Lexium drive renewal

Restores the exact motor/drive/feedback combination.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	BCH2MM0813CA6C performs its published servo motor role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to BCH2MM0813CA6C
Published action	The documented servo motor function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each BCH2MM0813CA6C use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Schneider Electric BCH2MM0813CA6C

Servo Motor / Engineering decisions

SUPPORTED IDENTITY

BCH2MM0813CA6C

PUBLISHED FUNCTION

Servo Motor

SYSTEM CONTEXT

Lexium 28 / BCH2

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

What continuous power rating is specified for Schneider Electric BCH2MM0813CA6C?

The published BCH2MM0813CA6C value is 850 W. The installed configuration must remain within that boundary.

What rated supply rating is specified for Schneider Electric BCH2MM0813CA6C?

For BCH2MM0813CA6C, the manufacturer states 220 V; single- or three-phase drive system. Do not replace it with a nearby suffix value.

What nominal speed rating is specified for Schneider Electric BCH2MM0813CA6C?

Record 1500 rpm for BCH2MM0813CA6C and verify the field arrangement against the controlled drawing or project.

What maximum mechanical speed rating is specified for Schneider Electric BCH2MM0813CA6C?

The exact-model source gives 3000 rpm. Use it together with the actual BCH2MM0813CA6C nameplate and installation record.

What nominal torque rating is specified for Schneider Electric BCH2MM0813CA6C?

BCH2MM0813CA6C is documented with 5.39 N.m; this value belongs to the verified product configuration.

What peak stall torque rating is specified for Schneider Electric BCH2MM0813CA6C?

Use 13.8 N.m as the BCH2MM0813CA6C peak stall torque reference and resolve any field discrepancy before release.

Which encoder configuration belongs to Schneider Electric BCH2MM0813CA6C?

The manufacturer record for BCH2MM0813CA6C specifies 20-bit single-turn absolute. Preserve it through selection, installation and acceptance.

Which shaft end configuration belongs to Schneider Electric BCH2MM0813CA6C?

Schneider Electric identifies the shaft end as Keyed; keep that exact entry in the BCH2MM0813CA6C record.

Decision closeout

Close the BCH2MM0813CA6C technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The BCH2MM0813CA6C decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Schneider Electric BCH2MM0813CA6C

Servo Motor / Evidence and support

Exact product	Schneider Electric BCH2MM0813CA6C
Technical class	Servo Motor
Platform	Lexium 28 / BCH2
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric 170INT11003	View Schneider Electric 170INT11003 page
Schneider Electric 171CCC76010	View Schneider Electric 171CCC76010 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric BCH2MM0813CA6C Product Data Sheet

Exact Lexium 28 BCH2 motor characteristics

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Send the exact model, quantity, destination and requested condition for a quotation.