Schneider Electric BMH1403P11A2A

AC Servo Motor / Product dashboard

Acceptance of BMH1403P11A2A requires healthy diagnostics and the intended field, network or motion response to be witnessed and recorded.

IDENTITY

Schneider Electric BMH1403P11A2A

PRODUCT ROLE

AC Servo Motor

PLATFORM

Lexium 32 / BMH

CONTROL BASIS

Exact evidence plus installed-system record

Continuous stall torque	24 N.m
Peak stall torque	71.8 N.m
Continuous power	4.5 kW
Nominal speed	3000 rpm
Maximum mechanical speed	4000 rpm
Shaft option	Keyed shaft; IP54 shaft end

The dashboard places BMH1403P11A2A identity, operating role and maintenance boundaries in one review surface for the Lexium 32 / BMH installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Schneider Electric BMH1403P11A2A

AC Servo Motor / Technical matrix

Continuous stall torque	24 N.m
Peak stall torque	71.8 N.m
Continuous power	4.5 kW
Nominal speed	3000 rpm
Maximum mechanical speed	4000 rpm
Shaft option	Keyed shaft; IP54 shaft end
Encoder	Single-turn SinCos Hiperface; 131072 points/turn
Holding brake	Without brake
Connection	Rotatable elbow connectors
Flange standard	International flange
Winding class	Class F according to IEC 60034-1
Associated drive	LXM32pD72N4

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Schneider Electric Lexium 32 and Motors Catalogue

REVISION NOTE

BMH1403 rating table and BMH order-code definition

Schneider Electric BMH1403P11A2A

AC Servo Motor / Application architecture

High-torque positioning

Operates a controlled axis requiring the documented 24 N.m stall torque.

Lexium 32 motion axis

Pairs with the documented drive selection and Hiperface feedback.

Keyed-shaft machine drive

Transfers torque through the selected keyed shaft execution.

Exact motor renewal

Restores the complete 11A2A option set without suffix substitution.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Lexium 32 / BMH context, BMH1403P11A2A must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Schneider Electric BMH1403P11A2A

AC Servo Motor / Risk and decision register

PRIMARY RISK

A mismatch between the BMH1403P11A2A label and the installed ac servo motor record.

CONFIGURATION RISK

Loss of the BMH1403P11A2A project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Lexium 32 / BMH item as automatically equivalent to BMH1403P11A2A.

RELEASE RISK

Returning BMH1403P11A2A to control before diagnostics and functional response are witnessed.

Decision register

What continuous stall torque rating is specified for Schneider Electric BMH1403P11A2A?

Schneider Electric identifies the continuous stall torque as 24 N.m; keep that exact entry in the BMH1403P11A2A record.

What continuous power rating is specified for Schneider Electric BMH1403P11A2A?

For BMH1403P11A2A, the manufacturer states 4.5 kW. Do not replace it with a nearby suffix value.

What maximum mechanical speed rating is specified for Schneider Electric BMH1403P11A2A?

The exact-model source gives 4000 rpm. Use it together with the actual BMH1403P11A2A nameplate and installation record.

Which encoder configuration belongs to Schneider Electric BMH1403P11A2A?

Use Single-turn SinCos Hiperface; 131072 points/turn as the BMH1403P11A2A encoder reference and resolve any field discrepancy before release.

What peak stall torque rating is specified for Schneider Electric BMH1403P11A2A?

The published BMH1403P11A2A value is 71.8 N.m. The installed configuration must remain within that boundary.

What nominal speed rating is specified for Schneider Electric BMH1403P11A2A?

Record 3000 rpm for BMH1403P11A2A and verify the field arrangement against the controlled drawing or project.

Which shaft option configuration belongs to Schneider Electric BMH1403P11A2A?

BMH1403P11A2A is documented with Keyed shaft; IP54 shaft end; this value belongs to the verified product configuration.

Which holding brake configuration belongs to Schneider Electric BMH1403P11A2A?

The manufacturer record for BMH1403P11A2A specifies Without brake. Preserve it through selection, installation and acceptance.

Decision closeout

Approve the BMH1403P11A2A decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Schneider Electric BMH1403P11A2A

AC Servo Motor / Canonical record and support

Canonical identity	Schneider Electric BMH1403P11A2A
Product name	AC Servo Motor
Family	Lexium 32 / BMH
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

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

Schneider Electric 170PNT11020	View Schneider Electric 170PNT11020 page
Schneider Electric 170ADI35000	View Schneider Electric 170ADI35000 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric Lexium 32 and Motors Catalogue

BMH1403 rating table and BMH order-code definition

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