Yokogawa SR1220E2

Servo Driver / Product dashboard

This consolidated record joins Yokogawa SR1220E2 identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY

Yokogawa SR1220E2

PRODUCT ROLE

Servo Driver

PLATFORM

DYNASERV DD Servo Actuator DR-A/B/E and SR-A/B/E Series

CONTROL BASIS

Exact evidence plus installed-system record

Exact sales identifier	SR1220E2
Official driver base model	SR1220E
Matched motor model	DR1220E
DYNASERV size / series	E type, 8-inch DD servo system
Supply execution	200 V, 50/60 Hz
Interface	8-bit microcomputer bus

The dashboard places SR1220E2 identity, operating role and maintenance boundaries in one review surface for the DYNASERV DD Servo Actuator DR-A/B/E and SR-A/B/E Series installation.

Dashboard boundary

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

Yokogawa SR1220E2

Servo Driver / Technical matrix

Exact sales identifier	SR1220E2
Official driver base model	SR1220E
Matched motor model	DR1220E
DYNASERV size / series	E type, 8-inch DD servo system
Supply execution	200 V, 50/60 Hz
Interface	8-bit microcomputer bus
Model-type selection	CS0 to CS3, TTL level
Address bus	A0 to A3, TTL level
Data bus	D0 to D7, TTL level; IOL maximum 24 mA
Driver operating temperature	0 to 50 deg C
Driver operating humidity	20 to 90% RH, no condensation
Documented driver diagnostics	Encoder, power supply, CPU, RAM/ROM, overload and power-amplifier indications

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

Yokogawa DYNASERV DD Servo-Actuator DR-A/B/E SR-A/B/E Series Instruction Manual

REVISION NOTE

Official archived manual IM A202-E, exact SR1220E driver / DR1220E motor tables

Yokogawa SR1220E2

Servo Driver / Application architecture

Indexing equipment

Controls the matched direct-drive axis for repeatable rotary positioning.

Industrial robotics

Provides high-torque direct-drive motion where the validated axis design uses the SR1220E driver.

Factory-automation rotary axes

Interfaces the DYNASERV axis with the documented 8-bit controller bus.

Legacy DYNASERV axis service

Restores the exact driver-motor pairing and retained bus settings without changing the machine design.

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 DYNASERV DD Servo Actuator DR-A/B/E and SR-A/B/E Series context, SR1220E2 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Yokogawa SR1220E2

Servo Driver / Risk and decision register

PRIMARY RISK

A mismatch between the SR1220E2 label and the installed servo driver record.

CONFIGURATION RISK

Loss of the SR1220E2 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another DYNASERV DD Servo Actuator DR-A/B/E and SR-A/B/E Series item as automatically equivalent to SR1220E2.

RELEASE RISK

Returning SR1220E2 to control before diagnostics and functional response are witnessed.

Decision register

Which product role is documented for Yokogawa SR1220E2?

The official DYNASERV manual lists SR1220E as the driver model in the E-type direct-drive servo system.

Which supply execution applies to Yokogawa SR1220E2?

The final 2 code identifies the 200 V, 50/60 Hz driver execution in the documented voltage-variant scheme.

Which address lines are documented for Yokogawa SR1220E2?

The driver table lists A0 through A3 as TTL-level address-bus inputs.

Why must the motor-driver pairing be preserved for Yokogawa SR1220E2?

The manual states that the driver is adjusted with the coupled motor and that the combination must not be changed.

Which motor is paired with Yokogawa SR1220E2?

The corresponding motor model in the official table is DR1220E.

Which bus interface is used by Yokogawa SR1220E2?

The archived manual identifies an 8-bit microcomputer-bus interface with model-selection, address and data lines.

Which data lines are documented for Yokogawa SR1220E2?

The driver table lists D0 through D7 at TTL level with a stated IOL maximum of 24 mA.

What completes commissioning of Yokogawa SR1220E2?

Confirm bus settings, normal LED state, encoder feedback, rotation, positioning, torque response and all machine interlocks under controlled conditions.

Decision closeout

Approve the SR1220E2 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Yokogawa SR1220E2

Servo Driver / Canonical record and support

Canonical identity	Yokogawa SR1220E2
Product name	Servo Driver
Family	DYNASERV DD Servo Actuator DR-A/B/E and SR-A/B/E Series
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.

Yokogawa KS1-B	View Yokogawa KS1-B page
Yokogawa CP451-10-S2	View Yokogawa CP451-10-S2 page

MANUFACTURER EVIDENCE RECORD

Yokogawa DYNASERV DD Servo-Actuator DR-A/B/E SR-A/B/E Series Instruction Manual

Official archived manual IM A202-E, exact SR1220E driver / DR1220E motor tables

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