

IMO Jaguar VXR

The Mechanical Handling Solution



1Ø 230V : 0.40-2.2kW (0.55-3HP)
3Ø 400V : 0.40-15kW (0.55-20HP)

Key Features

- IP20 side-by-side mounting
- Optional integrated EMI filtered models
- Fast response to dynamic load changes - 64MHz CPU
- RoHS, CE, UL/cUL compliant
- V/F or Dynamic Torque Vector control
- 300% starting torque between 1-3Hz
- Improved open-loop low-speed stability
- Hit-and-Stop control with holding torque
- PID with dancer control
- PTC thermistor input
- Input and Output phase-loss protection
- Loss-of-command signal detection
- Life time / service due alarm output
- Internal brake chopper
- Mechanical brake control output - torque generated
- Thermostatically operated long-life cooling fans (designed to operate for 10 years at 40°C)
- RS485 (RJ-45 IN/OUT / Profibus / DeviceNet option cards)
- Optional multi-function back-lit keypad with parameter COPY mode
- Encoder feedback (closed-loop) and shaft-synchronizing options
- Synchronous (Permanent Magnet) motor options



The Jaguar VXR's wide range from 0.40kW to 15kW ratings come in 5 frame sizes in 200V series single and three-phase input, also 380-480V series three-phase input units, all with integrated braking.

With its class leading CPU Processing power, the VXR provides superior speed and positioning accuracy, allowing better control even with rapidly changing loads.

Every Jaguar VXR is supplied with a removable keypad as standard. The addition of a standard LAN cable offers a remote display which can be programmed to display up to 19 different readouts. An optional dual display backlit LCD keypad is available offering larger LED display for the selected readout as well as plain text programming and diagnostics. This display features a fully customisable menu so you can create the most operator-friendly parameter list for your own use, choosing as many or as few parameters as you like.

Equally at home on demanding lift or hoisting applications as on fans or pumps, VXR has a series of application groups enabling easy setup for the relevant control, such as brake control for lifting / indexing; multi-setpoint PID with sleep function; 2 stage PID on winding applications using dancer input. These are just a few of the many diverse tasks VXR can tackle.