



**Voltage Input:** 24~50VDC  
**Motor Frame Size:** 57mm  
**Power Range(W):** 90, 130, 180  
**Encoder:** 1000-line, 16-Bit  
**Features:**

- Highly Intergrated
- Easy tuning, flexible to control
- Save Mounting Space

**Command source:**

- Pulse+Direction

**Inputs and Outputs:**

- Alarm output

Position Mode

# Integrated Servo Motors iSV Series



- Highly Integrated, Servo motor + advanced DSP servo drive
- Lower cable cost
- Support step & direction, commands
- Built-in pulse generator for the tuning and self-test
- Compact size, Save mounting space

Leadshine's iSV series integrated servo motors are one of the most compact servo systems available on the market. An iSV integrated servo has a servo motor (PMSM or BLDC optional) and an advanced DSP servo drive. At very compact size and with all components integrated, the iSV series servos can save mounting space, eliminate encoder connection and motor wiring time, increase reliability, and lower cable and labor cost. The drive takes step & direction, commands, and is capable of outputting in position and fault signals back to the master controller or external devices for complete system controls.



Special machine tool industry

- CNC machine
- Die stamping machine



AGV logistics industry

- Warehouse robot
- Sorting robot
- Cross belt sorter
- Inclined guide wheel sorter
- Multi-layer shuttle



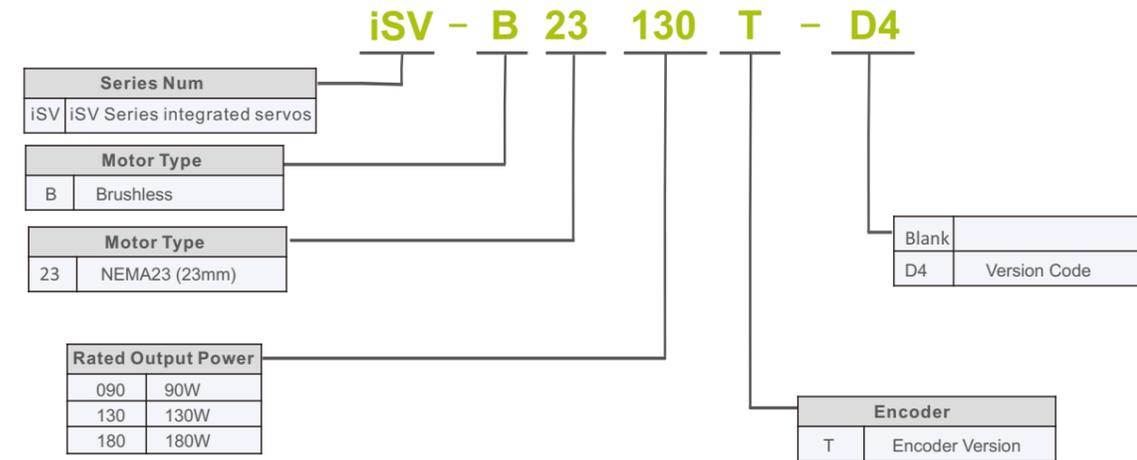
- Computer cutting plotter
- Template cutting machine
- Garment proofing machine
- Pattern cutting machine
- Vertical jet cutting machine



Electronic manufacturing equipment

- Dispensing machine
- Screw locking machine
- SMT
- Wire stripping machine
- Lithium battery equipment

## Part Numbers



## Specifications

Part Number	ISV-B23090T-D4	ISV-B23130T-D4	ISV-B23180T-D4
Rated Power(W)	90	130	180
Rated Torque(Nm)	0.30	0.45	0.6
Peak Torque(Nm)	0.90	1.1	1.5
Rated Speed(rpm)	3000	3000	3000
PeakSpeed(rpm)	4000	4000	4000
Rated Voltage(Vdc)	36	36	36
Weight(kg)	0.95	1.25	1.54

