

An indexing/skewing drive system for rotating the motor cores used for electric motors in home electrical appliances.

Servo-dex EVR2 Series



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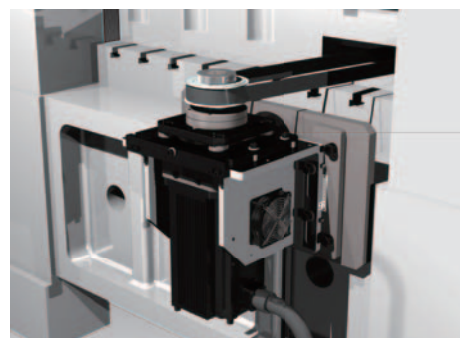
The Servo-dex EVR2 series is an indexing/skewing drive system for rotating the electric motor cores used in home appliances. It is optimal for electric motor core production press lines that make motors for home appliances, such as air conditioners and general-purpose motors.

It reduces mold maintenance by suppressing vibration when stopping a workpiece with high-precision positioning. It can be controlled easily with a timing signal from the press, allowing various types of control.



Features

- General-purpose models providing basic performance at a low cost
- Outstanding reliability due to our original vibration damping design
- Supports optional stacking angle settings and various types of control patterns
- It can be controlled easily with a timing signal from the press
- Its high precision positioning increases mold life.
- The combination of a servo driven feeder and a servodex device results in maximum motor core line optimization

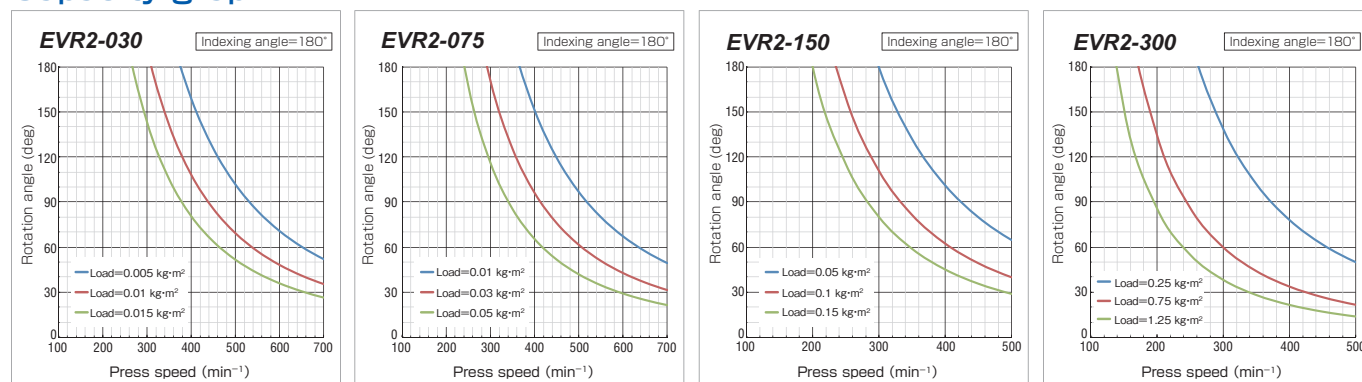


Specification table

Item	Unit	EVR2-030	EVR2-075	EVR2-150	EVR2-300	Note
Load inertia (standard)	kg·m ²	0.015	0.05	0.15	1.25	The capacity changes with the load
Rotation angle of the built up core	deg	Any angle				
Indexing angle	deg	Any angle				
Permitted axial load	N	100	100	100	100	Load weight
Permitted radial load	N	2,000	2,000	3,000	4,000	At center of the output shaft*
Product weight	kg	110	125	185	405	
Motor capacity	kW	3.0	7.5	15	30	

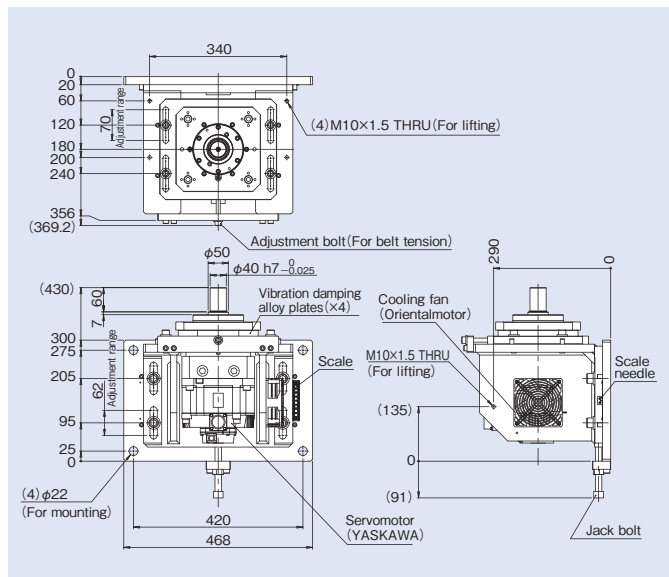
* Use a timing belt that has low elastic deformation to suppress residual vibration

Capacity graph



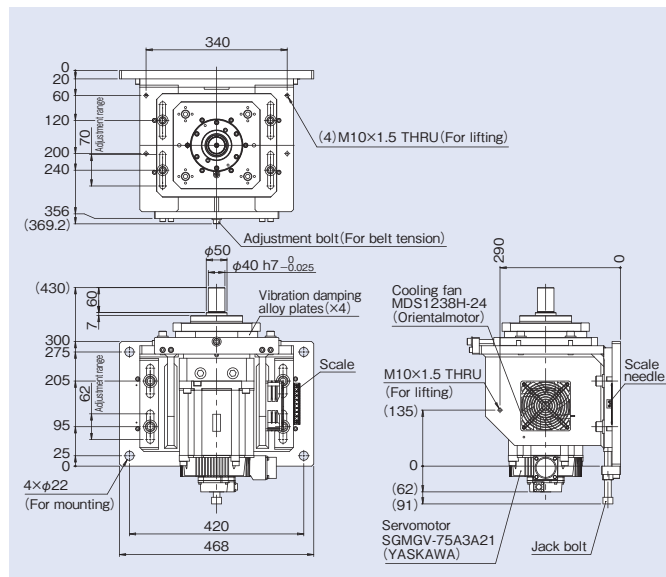
Dimensional drawing

EVR2-030

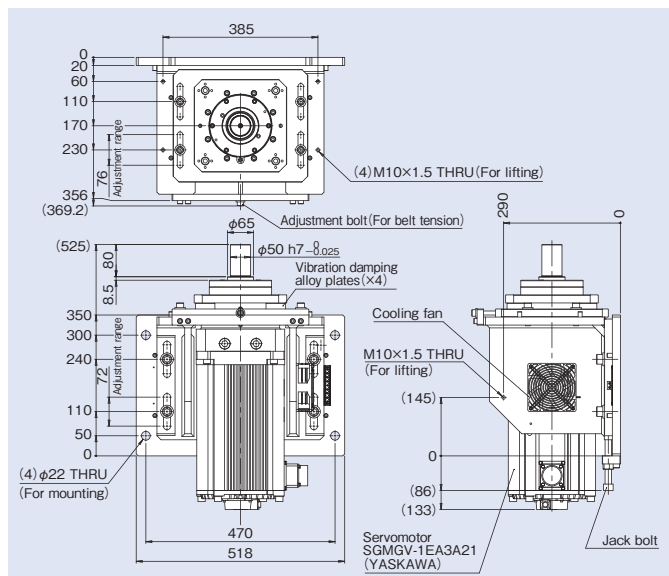


EVR2-075

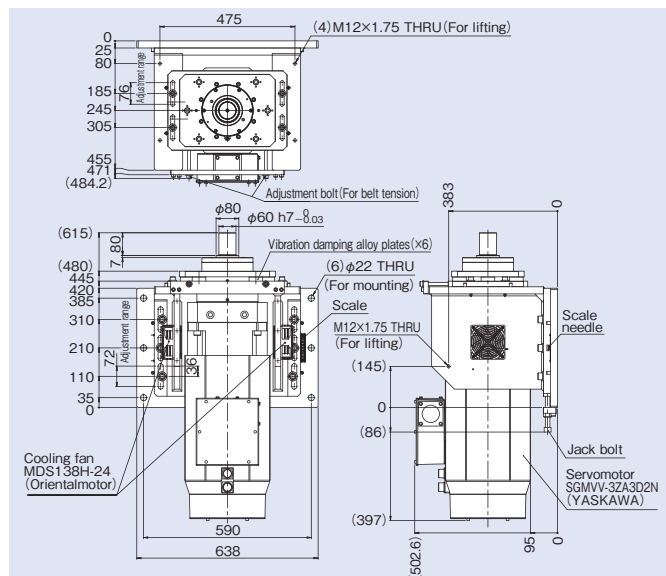
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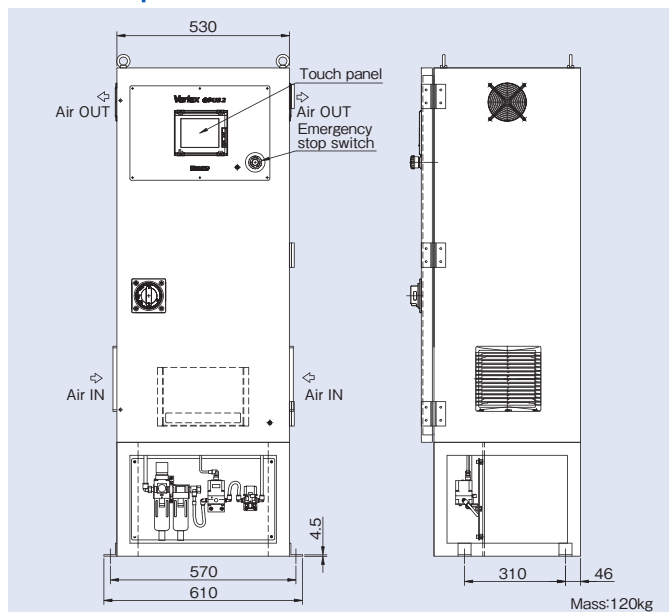
EVR2-150



EVR2-300



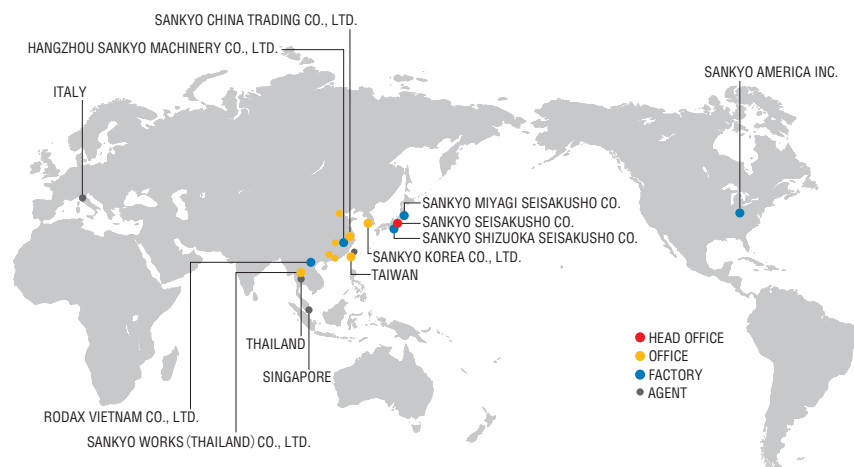
Control panel



※ The control panel dimensions for the EVR2-300 are different. Please contact us.

Service network

Global network



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