

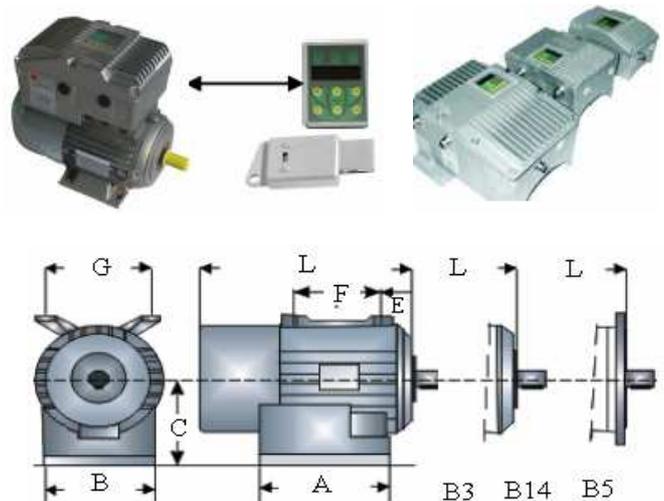
VECTOR CONTROL MOTOINVERTER ESV: 0.37 ÷ 15 Kw

Features:

- Power 3–18,5 kw, 1-3 phase, 200 –480Vac, overload 180% for 60 sec. every 10 min;
- Input: 4 programmable digital input PNP-NPN, 2 programmable analogue inputs 0 -10V, 4 – 20mA, 0 – 20mA, 1 encoder input programmable as 2 digital inputs PNP-NPN;
- Output: 2 programmable relay, 1 programmable analogue output, 0 / ±10V , 2 analogue output (option), 2 programmable digital output;
- Brake direct current injection, dynamic brake with external resistor, motor potentiometer with or without memory;
- Ramp acceleration and deceleration 4 sets linear or “S, PID regulator, coupling on the fly;
- Parameters sets remote (< 1000m) or inside keyboard, copy key, Pc serial link;
- EMC filter inside class A / class B, cooling by the servo ventilation of the motor, wall mounting;
- IP 56 protection degree, protocol CANopen, Device Net, Modbus, Profi Bus, communication RS 485;
- Engine details: dimension 80B, poles nr. 4, shape B14, brake FCC, protection IP 55, isolation H, tropical T;

Parameters:

Type	Power [kW]	Current [A]	Cn [Nm]
Supply: 200÷260Vac, 1 – 3 phase			
ESV 05	0.37	2.5	2.5
ESV 10	0.75	5	5.0
ESV 15	1.1	8	7.4
ESV 20	1.5	9	10.0
ESV 30	2.2	11	14.7
ESV 40	3.0	18	20
ESV 50	4.0	25	27
Supply: 380÷480Vac, 3 phase			
ESV 05	0.37	2.1	2.5
ESV 10	0.75	3.5	5.0
ESV 15	1.1	5	7.4
ESV 20	1.5	6	10.0
ESV 30	2.2	8	14.7
ESV 40	3.0	10	20
ESV 50	4.0	13	27
ESV 75	5.5	16	37
ESV 100	7.5	21	49



Order code: **ESV 200 - 480V** □□□-□□□

Voltage	2TS	Standard 230Vac 1 phase	
	2TA	Autofr. 230Vac 1 phase	
	4TS	Standard 400Vac 3 phase	
	4TA	Autofr. 400Vac 3 phase	
Power	005	0.37 kw	1 – 3 phase
	010	0.75 kw	1 – 3 phase
	015	1.1 kw	1 – 3 phase
	020	1.5 kw	1 – 3 phase
	030	2.2 kw	1 – 3 phase
	040	3.0 kw	1 – 3 phase
	050	4.0 kw	1 – 3 phase
	075	5.5 kw	3 phase
	100	7.5 kw	3 phase

Mechanical components		Electronic components	
Motor	Ok	inverter	Ok
Servoventilation	Optional	Filter	Ok
Mech. brake	Optional	Brake	Optional
Brake supply	Optional	Resistor	Optional
B5-B14-B3	Optional	Field Bus	Optional
Suports	Ok	Connectors	Optional

Our company can provide electric motors and the equipment of control /measurement with output signal for the command vector control motoinverter.