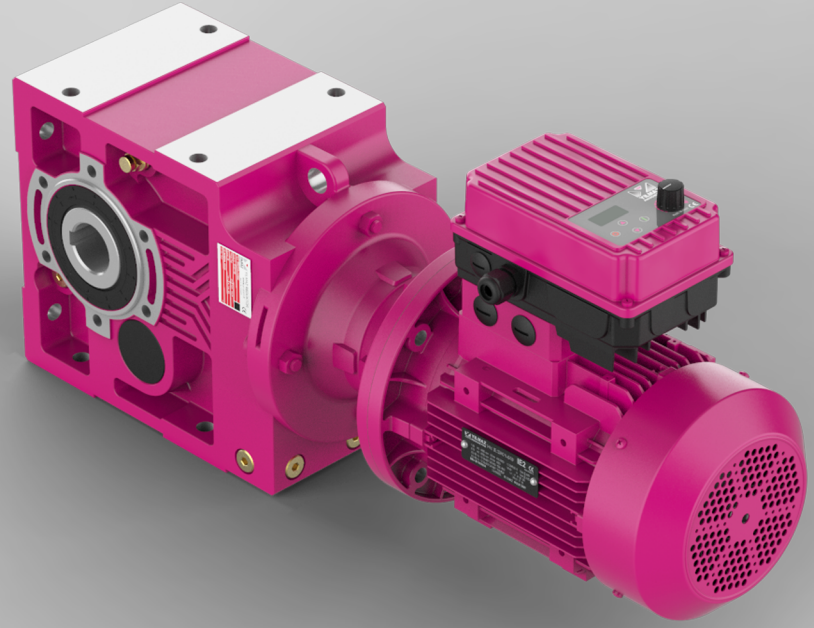


YI 54 Series



MOTOR INTEGRATED VARIABLE SPEED DRIVE



- IP55, High Protection Level
- No Need For Electrical Cabinet
- Integrated Drive-Train Solution

Specifications

YI 54 Serie

Specifications		YI 54
Supply	Nominal Voltage	1ph AC 230V , 3ph AC 400V (50-60 Hz)
	Voltage Range	+/- %15
Output	Voltage Range	0 - Supply Voltage
	Frequency Output	0 - 200.00 Hz
Control Method		V/f Scalar control, Space vector control.
Indicators		7 segment display on associated model.
Control Specifications	Output Frequency Range	0 - 200.00 Hz
	Output Frequency Resolution	Digital setpoint : 0.1 Hz, Analog setpoint: %0.1 of maximum frequency.
	Frequency Stability	0.1 Hz
	V/f Control	V/f curve can be adjusted freely.
	Torque Control	Torque boost range 0 - %20
	Multi Functional Digital Inputs	Standard run / stop / direction / emergency stop Ordering fixed frequency setpoint, MOP (+/-) reference etc.
	Multi Functional Digital Outputs	Running, Alarm, Zero Speed etc.
	Acc/Dec Adjustment	Set between 0.1 - 99.9 sec.
Other Functions	Optional Add-on Boards	Different boards for different interfaces available. See catalogue.
	RS485	Optional.
	Frequency Set	With optional board; Analog Input: 0 - 5V, 0 - 10V, 4 - 20mA selectable. Serial communication by means of optional boards and RS 485 interface.
	Fixed Speeds	Total 8 using 3 digital inputs.
	Voltage Regulation	Can be adjusted freely according to application demand.
Protection Warnings	Overload Capability	%200, 1 sec. %150, 60 sec. (Constant Torque)
	Overvoltage	Protection against overvoltage
	Undervoltage	Protection against undervoltage
	Others	Overcurrent, overload, overtemperature etc.
Environment	Temperature	-5°C - 45°C (no icing)
	Relative Humidity	%20 - 85 (no condensation)
	Elevation	1000 m. ASL
Structure	Cooling	Natural
	Protection Class	IP 55
Installation	Mode	Motor Integrated