



ANACON
SYSTEMS

*EagleDrive*3™

Variable Torque

380-480 Volts
3 Ph "In" / 3 Ph "Out"
1.0HP – 210.0HP



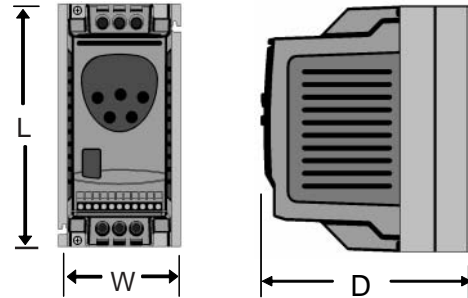
EagleDrive3™ is a family of Variable Frequency Drives designed to be cost-effective and easy-to-use controls for use with 3-phase induction motors. This Variable Torque series is well suited for applications where overload and starting torque requirements are well known. Common Variable Torque applications include centrifugal fans, pumps and blowers. Generally, these types of applications do not require extra power for momentary peak loads; therefore the overload capacity is very suitable. EagleDrive3 products use open loop voltage and frequency control to regulate the speed of the motor. They are easy to install and simple to program.

- Three Phase Input
- Push-Button Keypad
- "On-Board" Helpcard
- Bright LED Display
- Drive Efficiency: 95% +
- Speed Regulation: 1.0%
- c UL us & CE Approved
- OL Rating: 110% For 60 Second
- Minimum Full Load Torque: 3 Hz
- Selectable Inverter Switching Frequency
- Power Dip Ride Through
- Auto Restart Function
- Skip Frequency-Selectable
- Spinning Start-Selectable
- 3 Programmable Digital Inputs
- Powerful Performance & Features
- Analog Selectable Input
- Programmable Relay Input
- Auto Safe Shutdown
- Parameter Lock
- Protection Features
- Options: EMC Filters, EagleEye3 Hand-Held Wireless, EaglePort Remote Display & Programming, PI Control, RS232, RS485, etc.

For assistance call 888-456-3398 (Toll-Free)

EAGLEDRIVE³ DIMENSIONS

	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6
Length mm / in	155/6.10"	260/10.24"	260/10.24"	520/20.47"	1045/41.14"	
Width mm / in	80/3.15"	100/3.98"	171/6.73"	340/13.39"	340/13.39"	
Depth mm / in	130/5.12"	175/6.89"	175/6.89"	220/8.66"	330/12.99"	
Weight kg / lb	1.1/2.42#	2.6/7.72#	5.3/11.66#	28/61.6#	68/149.60#	



VARIABLE TORQUE				
HP	Output Amps	kW	Part No.	Size
380-480V (3-Ph Input)				
1.0	2.2	0.75	ED-14010-US	1*
2.0	4.1	1.5	ED-14020-US	1*
1.0	2.2	0.75	ED-24010-US	2
2.0	4.1	1.5	ED-24020-US	2
3.0	5.8	2.2	ED-24030-US	2
5.0	9.5	3.7	ED-24050-US	2
7.5	14.0	5.5	ED-34075-US	3
10.0	18.0	7.5	ED-34075-VT	3
15.0	25.0	11.0	ED-34100-VT	3
20.0	29.5	15.0	ED-34150-VT**	3
25.0	35.0	18.5	ED-34200-VT**	3
30.0	46.0	22.0	ED-44250-VT	4
40.0	61.0	30.0	ED-44300-VT	4
50.0	72.0	37.0	ED-44400-VT	4
60.0	89.0	45.0	ED-44500-VT	4
75.0	110.0	55.0	ED-54600-VT	5
100.0	150.0	75.0	ED-54750-VT	5
120.0	180.0	90.0	ED-54100-VT	5
150.0	190.0	110.0	ED-54120-VT***	5
175.0	240.0	132.0	ED-64150-VT	6
210.0	300.0	160.0	ED-64175-VT	6

* Not suitable for fitting EagleBrake option

** UL approval applies for supply voltage of 440-480V with 75 °C copper wire; Check with factory for availability

*** Check with factory for availability

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