

NEW!

EC Titanium™, Axial Mount Integrated Drive Motor, three phase, totally enclosed

1 to 7.5 Hp

**IP54****Features:**

- Permanent Magnet PWM AC Drive Control
- IP54 Gasket Plastic Cover Enclosure
- Built-in ABB Ability and Bluetooth communications
- Serial Modbus RJ45 Interface
- 2 Digital Inputs, 2 Configurable Inputs (Analog or Digital)
- 1 Relay Output
- IE5+ Motor Efficiency
- Class F Insulation with Class B Motor temperature
- Internal grounding brush for bearing current mitigation
- Motor rated for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications
- Compressors

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Motor Input Amps	Drive Input Voltage	Drive Module (b)	Drive Output Amps	Notes (a)
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100A1H1DF4	EC3	16.71	35	89.3%	2.4	115	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100A8H1DF4	EC3	16.71	35	89.3%	2.4	230	ECI8A7P0	7.0	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A8H2DF4	EC3	16.71	38	90.7%	4.4	230	ECI8A7P0	7.0	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100A2H1DF4	EC3	16.71	35	89.3%	2.4	230	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A2H2DF4	EC3	16.71	38	90.7%	4.3	230	ECI2A7P0	7.0	2, 37, 68
3	1800	4000	182T	TEFC	ECS100A2H3EF4	EC3	22.25	66	92.8%	7.3	230	ECI2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS100A2H5EF4	EC3	22.25	76	93.7%	10.5	230	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output														
1	1800	4000	143T	TEFC	ECS100A4H1DF4	EC3	16.71	35	89.3%	1.2	460	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A4H2DF4	EC3	16.71	38	90.7%	2.2	460	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS100A4H3DF4	EC3	16.71	46	91.4%	3.5	460	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182T	TEFC	ECS100A4H3EF4	EC3	22.25	66	92.8%	3.7	460	ECI4A4P1	4.1	2, 68
5	1800	4000	182T	TEFC	ECS100A4H5EF4	EC3	22.25	76	93.7%	5.3	460	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184T	TEFC	ECS100A4H7EF4	EC3	23.76	101	94.0%	8.8	460	ECI4A9P5	9.5	2, 68

(a) See notes on inside back flap.

(b) Integrated Drive Model - available as a renewal parts replacement assembly

Red catalog number indicates **NEW** product.

For EC Titanium Mod Express®, contact your local sales office.

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