

NEW!

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

1 to 10 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.	Voltage	Motor Input Amps	Drive Module (b)	Drive Output Amps	Notes (a)
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100T1H1DF4	EC2	12.37	35	89.3%	115	2.4	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100T8H1DF4	EC2	12.37	35	89.3%	230	2.4	ECI8A7P0	7.0	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T8H2DF4	EC2	12.37	41	90.7%	230	4.4	ECI8A7P0	7.0	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output														
1	1800	4000	143T	TEFC	ECS100T2H1DF4	EC2	12.37	35	89.3%	230	2.4	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T2H2DF4	EC2	12.37	41	90.7%	230	4.3	ECI2A7P0	7.0	2, 37, 68
3	1800	4000	182T	TEFC	ECS100T2H3EF4	EC2	16.71	66	92.8%	230	7.3	ECI2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS100T2H5EF4	EC2	16.71	77	93.7%	230	10.5	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output														
1	1800	4000	143T	TEFC	ECS100T4H1DF4	EC2	12.37	35	89.3%	460	1.2	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T4H2DF4	EC2	12.37	41	90.7%	460	2.2	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS100T4H3DF4	EC2	13.37	47	91.4%	460	3.5	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182T	TEFC	ECS100T4H3EF4	EC2	16.71	66	92.8%	460	3.7	ECI4A4P1	4.1	2, 68
5	1800	4000	184T	TEFC	ECS100T4H5EF4	EC2	16.71	77	93.7%	460	5.3	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184T	TEFC	ECS100T4H7EF4	EC2	18.21	106	94.0%	460	8.8	ECI4A9P5	9.5	2, 68
7 1/2	1800	3000	213T	TEFC	ECS100T4H7FF4	EC2	18.10	111	94.7%	460	8.6	ECI4A9P5	9.5	2, 68
10	1800	3000	215T	TEFC	ECS100T4H10FF4	EC2	19.23	132	94.8%	460	11.0	ECI4A12P0	12.0	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.

NEW!

Definite purpose
 Unit Handling
 Brake
 IEC Frame
 50 Hertz
 Variable Speed AC
 DC
 Accessories
 Service
 Grinders