

NEW!**EC Titanium™ motor, Inverter Duty®, three phase, totally enclosed**

1 to 20 Hp

BALDOR • RELIANCE®

SHAFT GROUNDING BRUSH
INSTALLED

IP54

**Features:**

- IE5+ Motor Efficiency
- FASR - Ferrite Assisted Synchronous Reluctance Rotor
- Class F Insulation with Class B Motor temperature rise
- IP54 Motor Enclosure with shaft seal
- Internal grounding brush for bearing current mitigation on DE retainer ring
- For inverter use only per NEMA MG1 Part 31.4.4.2
- 1.5 Service Factor Design

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 (b)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes (a)
1	1800	4000	143T	TEFC	ECS101MOH1DF4	EC1	12.29	28	89.3%	230/460	2.3/1.2	1, 37
2	1800	4000	145T	TEFC	ECS101MOH2DF4	EC1	12.29	35	90.7%	230/460	4.5/2.3	1, 37
3	1800	4000	145T	TEFC	ECS101MOH3DF4	EC1	13.29	44	91.4%	230/460	7.0/3.5	1, 37
3	1800	4000	182T	TEFC	ECS101MOH3EF4	EC1	16.54	59	92.8%	230/460	7.3/3.7	1
5	1800	4000	145T	TEFC	ECS101MOH5DF4	EC1	15.54	64	93.0%	230/460	10.4/5.2	1, 37
5	1800	4000	184T	TEFC	ECS101MOH5EF4	EC1	16.54	68	93.7%	230/460	10.5/5.3	1
7 1/2	1800	4000	184T	TEFC	ECS101MOH7EF4	EC1	18.04	92	94.0%	230/460	17.5/8.8	1
7 1/2	1800	3000	213T	TEFC	ECS101MOH7FF4	EC1	17.89	105	94.0%	230/460	17.4/8.7	1
10	1800	3000	213T	TEFC	ECS101MOH10FF4	EC1	19.02	123	94.8%	230/460	22.0/11.0	1
15	1800	3000	215T	TEFC	ECS101MOH15FF4	EC1	21.96	168	95.6%	230/460	34.8/17.4	1
20	1800	3000	215T	TEFC	ECS101M4H20FF4	EC1	23.51	218	95.9%	460	21.6	1, 82

(a) See notes on inside back flap.

(b) FASR – Ferrite Assisted Permanent Magnet, Synchronous Reluctance Rotor

Red catalog number indicates **NEW** product.

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

NEW!