

V*S Master Inverter Duty motors, three phase, totally enclosed

1/3 thru 300 Hp



Features:

- TENV, TEFC and TEBC, 1000:1CT
- Provisions for encoder mounting
- 3 thermostats, one per phase
- Standard NEMA frame sizes

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	2700	56C	TENV	IDVSNM3534	759	VS4	13.84	32	80	230/460	0.6	2, 48
			56C	TENV	IDNM3534	759	VS4	13.84	33	80	230/460	0.6	2, 8, 60,106
1/2	1800	2700	56C	TENV	IDVSNM3538	886	VS4	13.84	35	84	230/460	0.9	2, 48
			56C	TENV	IDNM3538	886	VS4	13.84	31	80	230/460	0.8	2, 8, 60,106
3/4	1800	2700	56C	TENV	IDVSNM3538-5	886	VS4	13.84	31	84	575	0.6	2,48
			56C	TENV	IDVSNM3542	988	VS4	13.84	36	84	230/460	1.2	2, 48
			56C	TENV	IDNM3542	988	VS4	13.84	33	78.5	230/460	1.4	2, 8, 60,106
			56C	TENV	IDVSNM3542-5	988	VS4	13.84	35	84	575	0.9	2,48
			56C	TENV	IDVSNM3546	1,605	VS4	14.84	45	87.5	230/460	1.5	2, 48
			56C	TENV	IDVSNM3546-5	1,605	VS4	14.84	45	87.5	575	1.2	2,48
1	1800	2700	143TC	TENV	IDVSNM3581T	2,014	VS4	14.65	58	85.5	230/460	1.5	2, 48
			143TC	TENV	IDNM3581T	2,014	VS4	14.65	58	85.5	230/460	1.5	2, 8, 60,106
			143TC	TENV	IDVSNM3581T-5	2,014	VS4	14.65	58	85.5	575	1.2	2, 48
			143TC	TEBC	IDM3581T	2,661	VS2	19.00	65	87.5	230/460	1.5	2, 8,106
			143TC	TEBC	IDM3581T-5	2,661	VS2	19.02	65	85.5	575	1.2	2, 8,106
			145TC	TENV	IDVSNM3582T	3,119	VS4	14.65	61	82.5	230/460	1.8	2, 48
1 1/2	1800	2700	145TC	TEBC	IDM3582T	3,125	VS2	19.02	68	82.5	230/460	1.8	2, 8,106
			145TC	TENV	IDVSNM3584T-5	2,224	VS4	14.65	64	86.5	575	1.7	2, 48
			145TC	TENV	IDVSNM3584T	2,224	VS4	14.65	64	82.5	230/460	2.1	2, 48
			145TC	TENV	IDNM3584T	2,224	VS4	14.65	58	84	230/460	2.3	2, 8, 60,106
			145TC	TEBC	IDM3584T	2,814	VS2	19.02	70	88.5	230/460	2.1	2, 8,106
			145TC	TEBC	IDM3584T-5	2,814	VS2	19.02	70	88.5	575	1.7	2, 8,106
2	1800	2700	182TC	TEBC	IDM3667T	3,729	VS2	21.71	107	87.5	230/460	2.5	2, 8,106
			145TC	TENV	IDVSNM3587T-5	2,322	VS4	14.65	62	86.5	575	2.3	2, 48
			145TC	TENV	IDVSNM3587T	2,322	VS4	14.65	63	86.5	230/460	2.8	2, 48
			145TC	TEBC	IDM3587T	3,009	VS2	19.02	72	88.5	230/460	2.7	2, 8,106
			145TC	TEBC	IDM3587T-5	3,009	VS2	19.02	73	88.5	575	2.3	2, 8,106
			145TC	TENV	IDNM3587T	2,322	VS4	14.65	67	86.5	230/460	2.8	2, 8, 60,106
3	1800	2700	182TC	TENV	IDNM3669T	2,695	VS4	17.21	94	84	230/460	2.9	2, 8, 60,106
			184TC	TEBC	IDM3664T	3,610	VS2	21.71	124	88.5	230/460	3.2	2, 8,106
			182TC	TEFC	IDVSM3661T	2,564	VS3	20.23	105	89.5	230/460	4.1	2, 48
			182TC	TENV	IDVSNM3661T	3,043	VS4	17.85	111	89.5	230/460	4.3	2, 48
			184TC	TEBC	IDM3661T	3,043	VS2	21.71	111	89.5	230/460	4.1	2, 8,106
			184TC	TEBC	IDM3661T-5	3,043	VS2	21.71	112	89.5	575	3.3	2, 8,106
3	1800	2700	184TC	TENV	IDNM3661T-5	3,043	VS4	17.85	108	88.5	575	3.4	2,48
			184TC	TENV	IDNM3661T	3,043	VS4	17.21	108	88.5	230/460	4.2	2, 8, 60,106
			184TC	TENV	IDNM3661T	3,043	VS4	17.21	108	88.5	230/460	4.2	2, 8, 60,106
			213TC	TEBC	IDM3764T	4,721	VS2	29.14	187	90.2	230/460	4.5	2, 8, 70,106

(a) See notes on inside back flap.

■ Cast iron frame

Continuous constant torque to zero speed