

V*S Master
Inverter Drive,
Three Phase,
Totally Enclosed

1/3 thru 300 HpNEMA 56C thru 449T

Applications: Conveyors, extruders, printing lines, converting, test stands, anywhere constant torque is required over a wide speed range.

Features: Designed specifically for Inverter operation where up to 1000:1 constant torque speed range is required. Includes provisions for stub shaft for hollow shaft encoder, three thermostats, and all 440T frames include an ODE insulated bearing. Meets NEMA MG 1, Part 31. Continuous constant torque to zero speed.



Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	2700	56C	TENV	IDVSNM3534	495	E2	13.84	32	80	230/460	0.6	2, 48
1/2	1800	2700	56C	TENV	IDVSNM3538	579	E2	13.84	35	84	230/460	0.9	2, 48
3/4	1800	2700	56C	TENV	IDVSNM3542	645	E2	13.84	36	84	230/460	1.2	2, 48
1	1800	2700	56C	TENV	IDVSNM3546	1048	E2	14.84	45	87.5	230/460	1.5	2, 48
			143TC	TENV	IDVSNM3581T	1315	E2	14.65	58	85.5	230/460	1.5	2, 48
			143TC	TENV	IDVSNM3581T-5	1256	E2	14.65	58	85.5	575	1.2	2, 48
			145TC	TENV	IDVSNM3582T	1715	E2	14.65	61	82.5	230/460	1.8	2, 48
1 1/2	1800	2700	145TC	TENV	IDVSNM3584T-5	1451	E2	14.65	64	86.5	575	1.7	2, 48
		2700	145TC	TENV	IDVSNM3584T	1451	E2	14.65	64	82.5	230/460	2.1	2, 48
2	1800	2700	145TC	TENV	IDVSNM3587T-5	1448	E2	14.65	62	86.5	575	2.3	2, 48
			145TC	TENV	IDVSNM3587T	1516	E2	14.65	63	86.5	230/460	2.8	2, 48
3	1800	2700	182TC	TEFC	IDVSM3661T	1674	E2	20.23	105	89.5	230/460	4.1	2, 48
			182TC	TENV	IDVSNM3661T	1722	E2	17.85	111	89.5	230/460	4.3	2, 48
5	1800	2700	L184TC	TEFC	IDVSM3665T	1941	E2	20.23	120	89.5	230/460	6.6	2, 48
			L184TC	TENV	IDVSNM3665T	1995	E2	17.85	124	89.5	230/460	6.6	2, 48
7 1/2	1800	2700	213TC	TEFC	IDVSM3770T	2497	E2	24.59	180	91.7	230/460	9.5	2, 48
			L215TC	TENV	IDVSNM2237T	2567	E2	20.86	212	91.7	230/460	10.1	2, 48
10	1800	2700	L215TC	TEFC	IDVSM3774T	3255	E2	24.59	231	92.4	230/460	12.5	2, 48
			254TC	TENV	IDVSNM2238T	3521	E2	24.05	305	91.7	230/460	13	2, 48
15	1800	2700	254TC	TEFC	IDVSM2333T	3787	E2	26.71	291	92.4	230/460	18	2, 48
			256TC	TENV	IDVSNM2333T	4235	E2	24.05	284	93.6	230/460	18.5	2, 48
			256TC	TEFC	IDVSM2334T	4106	E2	26.71	321	93	230/460	24	2, 48
20	1800	2700	284TC	TEFC	IDVSM4103T	5214	E2	30.42	446	93.6	230/460	30	2, 48
30	1800	2700	286TC	TEFC	IDVSM4104T	5696	E2	30.42	457	94.1	230/460	36	2, 48
40	1800	2700	324T	TEFC	IDVSM4110T	6571	E2	30.44	619	94.1	230/460	50	2, 48
50	1800	2700	326T	TEFC	IDVSM4115T	8031	E2	30.28	670	94.5	230/460	60	2, 48
60	1800	2700	364T	TEFC	IDVSM4314T	9948	E2	33.44	869	94.2	230/460	71.2	2, 48
75	1800	2700	365T	TEFC	IDVSM4316T	12459	E2	33.44	873	94.3	230/460	89.2	2, 48
100	1800	2700	405T	TEFC	IDVSM4400T-4	16102	E2	38.31	1218	94.1	460	115	2, 48
125	1800	2700	444T	TEFC	IDVSM4410T-4	19987	E2	44.62	1637	94.1	460	150	2, 48
150	1800	2700	445T	TEFC	IDVSM4406T-4	23853	E2	44.62	1789	95	460	177	2, 48
200	1800	2700	447T	TEFC	IDVSM4407T-4	28263	E2	48.4	2189	95.4	460	226	2, 48
250	1800	2700	449T	TEFC	IDVSM4408T-4	39946	E2	53.4	2511	95.8	460	277	2, 48
300	1800	2700	449T	TEFC	IDVSM44304T-4	39946	E2	53.4	2816	96.2	460	338	2, 48

(a) See notes on inside back flap.
CONTINUOUS CONSTANT TORQUE TO ZERO SPEED
■ Cast Iron Frame

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters

Gearmotors and Gear Products