

V*S Master vector drive, three phase, totally enclosed

1/2 thru 300 Hp



Features:

- TENV & TEFC, 1000:1CT without blower
- HS35 encoder, 1024 PPR
- 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	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	2700	56C	TENV	ZDVSNM3538	2,200	E2	13.84	37	84	230/460	0.9	2, 46, 48
3/4	1800	2700	56C	TENV	ZDVSNM3542	2,267	E2	13.84	38	82.5	230/460	1.1	2, 46, 48
1	1800	2700	145TC	TENV	ZDVSNM3581T	2,958	E2	14.65	59	85.5	230/460	1.5	2, 46, 48
			143TC	TEBC	ZDM3581T	3,390	E2	19.02	66	87.5	230/460	1.5	2, 8, 46, 60, 106
			143TC	TEBC	ZDM3581T-5	3,390	E2	19.02	65	85.5	575	1.2	2, 8, 46, 106
			143TC	TENV	ZDNM3581T	2,958	E2	14.65	59	85.5	230/460	1.5	2, 8, 46, 106
	1200	1800	143TC	TEBC	ZDM3582T	3,702	E2	19.02	62	82.5	230/460	1.8	2, 8, 46, 106
11/2	1800	2700	145TC	TENV	ZDVSNM3584T	3,096	E2	14.65	70	86.5	230/460	2.1	2, 46, 48
			145TC	TEBC	ZDM3584T	3,494	E2	19.02	70	88.5	230/460	2.1	2, 8, 46, 60, 106
			145TC	TEBC	ZDM3584T-5	3,494	E2	19.02	62	87.5	575	1.7	2, 8, 46, 106
			145TC	TENV	ZDNM3584T	3,096	E2	14.65	58	84	230/460	2.3	2, 8, 46, 106
	1200	1800	182TC	TEBC	ZDM3667T	3,964	E2	21.71	99	87.5	230/460	2.5	2, 8, 46, 106
2	1800	2700	145TC	TENV	ZDVSNM3587T	3,414	E2	14.65	66	86.5	230/460	2.8	2, 46, 48
			145TC	TEBC	ZDM3587T	3,623	E2	19.02	75	88.5	230/460	2.8	2, 8, 46, 106
			145TC	TEBC	ZDM3587T-5	3,623	E2	19.02	74	88.5	575	2.3	2, 8, 46, 106
			182TC	TENV	ZDNM3669T	3,414	E2	17.21	95	84	230/460	2.9	2, 8, 46, 60, 106
	1200	1800	184TC	TEBC	ZDM3664T	4,030	E2	21.71	113	88.5	230/460	3.2	2, 8, 46, 106
3	1800	2700	182TC	TEFC	ZDVSM3661T	3,613	E2	20.23	118	89.5	230/460	4.1	2, 46, 48
			182TC	TENV	ZDVSNM3661T	3,663	E2	17.85	111	89.5	230/460	4.3	2, 46, 48
			182TC	TEBC	ZDM3661T	4,187	E2	21.71	112	89.5	230/460	4.1	2, 8, 46, 106
			182TC	TEBC	ZDM3661T-5	4,187	E2	21.71	110	89.5	575	3.2	2, 8, 46, 106
	1200	1800	184TC	TENV	ZDNM3661T	3,649	E2	17.21	104	88.5	230/460	4.2	2, 8, 46, 60, 106
5	1800	2700	213TC	TEBC	ZDM3764T	4,775	E2	29.14	187	90.2	230/460	4.5	2, 8, 46, 70, 106
			L184TC	TEFC	ZDVSM3665T	3,886	E2	20.23	129	89.5	230/460	6.6	2, 46, 48
			L184TC	TENV	ZDVSNM3665T	3,943	E2	17.85	124	89.5	230/460	6.6	2, 46, 48
			184TC	TEBC	ZDM3665T	4,335	E2	21.71	125	90.2	230/460	6.5	2, 8, 46, 106
	184TC	TEBC	ZDM3665T-5	4,335	E2	21.71	125	90.2	575	5.2	2, 8, 46, 106		
1200	1800	213TC	TENV	ZDNM3767T	4,145	E2	20.40	173	91	230/460	6.7	2, 8, 46, 60, 106	
7 1/2	1800	2700	215TC	TEBC	ZDM3768T	5,488	E2	29.14	226	90.2	230/460	7.3	2, 8, 46, 70, 106
			213TC	TEFC	ZDVSM3770T	4,459	E2	24.59	184	91.7	230/460	9.5	2, 46, 48
			L215TC	TENV	ZDVSNM2237T	4,531	E2	20.86	211	91.7	230/460	10.1	2, 46, 48
			213TC	TEBC	ZDM3770T	4,897	E2	29.14	170	91.7	230/460	9.5	2, 8, 46, 70, 106
	213TC	TEBC	ZDM3770T-5	4,897	E2	30.07	170	91.7	575	7.5	2, 8, 46, 70, 106		
1200	1800	256TC	TENV	ZDNM2237T	4,766	E2	24.05	242	90.2	230/460	9.1	2, 8, 46, 60, 106	
10	1800	2700	254TC	TEBC	ZDM2276T	7,188	E2	33.07	333	91	230/460	10.7	2, 8, 46, 70, 106
			L215TC	TEFC	ZDVSM3774T	5,241	E2	24.59	210	92.4	230/460	12.5	2, 46, 48
			254TC	TENV	ZDVSNM2238T	5,515	E2	24.05	325	91.7	230/460	13	2, 46, 48
			215TC	TEBC	ZDM3774T	5,131	E2	29.14	231	92.4	230/460	12.5	2, 8, 46, 70, 106
	215TC	TEBC	ZDM3774T-5	5,131	E2	30.07	231	92.4	575	10	2, 8, 46, 70, 106		
1200	1800	256TC	TENV	ZDNM2238T	5,515	E2	24.05	284	91.7	230/460	13	2, 8, 46, 60, 106	
1200	1800	256TC	TEBC	ZDM2332T	8,425	E2	33.07	356	91.7	230/460	14.2	2, 8, 46, 70, 106	

(a) See notes on inside back flap.

Cast iron frame

Continuous constant torque to zero speed

Product family code: VS
Product family code: TEBC VS2, TEFC VS3, TENV VS4

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Inverter/Vector

DC

Accessories

Grinders

Motor Mod

V*S Master vector drive, three phase, totally enclosed

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)
15	1800	2700	254TC	TEFC	ZDVSM2333T	5,789	E2	26.83	295	92.4	230/460	18	2, 46, 48
			256TC	TENV	ZDVSNM2333T	6,251	E2	24.05	348	93.6	230/460	18.5	2, 46, 48
			256TC	TEBC	ZDM2333T	5,440	E2	33.07	317	92.4	230/460	18.1	2, 8, 46, 70,106
			256TC	TEBC	ZDM2333T-5	5,440	E2	34.15	289	92.4	575	14.5	2, 8, 46, 70,106
			254TC	TENV	ZDNM2333T	6,251	E2	24.05	286	92.4	230/460	18.5	2, 8, 46, 60,106
20	1800	2700	284T	TEBC	ZDM4100T	9,691	E2	36.48	445	93	230/460	19.7	2, 8, 45, 46, 70,106
			256TC	TEFC	ZDVSM2334T	6,117	E2	26.83	317	93	230/460	24	2, 46, 48
			256TC	TEBC	ZDM2334T	5,703	E2	33.07	342	93	230/460	24	2, 8, 46, 70,106
			256TC	TEBC	ZDM2334T-5	5,703	E2	34.15	340	93	575	19	2, 8, 46, 70,106
			284T	TENV	ZDNM2334T	6,313	E2	27.36	405	94.5	230/460	25.5	2, 8, 45, 46, 60,106
25	1800	2700	286T	TEBC	ZDM4102T	10,713	E2	36.48	462	93	230/460	26	2, 8, 45, 46, 70,106
			284TC	TEFC	ZDVSM4103T	7,257	E2	30.42	458	93.6	230/460	30	2, 46, 48
			284T	TEBC	ZDM4103T	6,655	E2	36.48	416	93.6	230/460	30	2, 8, 45, 46, 70,106
			324T	TEBC	ZDM4111T	11,985	E2	38.92	615	93	230/460	32	2, 8, 45, 46, 70,106
			286TC	TEFC	ZDVSM4104T	7,754	E2	30.42	472	94.1	230/460	36	2, 46, 48
30	1800	2700	286T	TEBC	ZDM4104T	7,402	E2	36.48	445	93.6	230/460	38	2, 8, 45, 46, 70,106
			326T	TEBC	ZDM4117T	13,156	E2	38.92	624	93	230/460	39	2, 8, 45, 46, 70,106
			324T	TEFC	ZDVSM4110T	8,656	E2	33.14	716	94.1	230/460	50	2, 46, 48
			324T	TEBC	ZDM4110T	9,441	E2	38.92	610	94.5	230/460	47	2, 8, 45, 46, 70,106
			326T	TEFC	ZDVSM4115T	10,159	E2	33.14	721	94.5	230/460	60	2, 46, 48
40	1800	2700	326T	TEBC	ZDM4115T	10,402	E2	38.92	631	94.5	230/460	57	2, 8, 45, 46, 70,106
			364T	TEFC	ZDVSM4314T	12,134	E2	33.44	907	94.2	230/460	71.2	2, 46, 48
			365T	TEFC	ZDVSM4316T	14,721	E2	33.44	944	94.3	230/460	89.2	2, 46, 48
			405T	TEFC	ZDVSM4400T-4	18,473	E2	38.31	1230	94.1	460	115	2, 46, 48
			444T	TEFC	ZDVSM4410T-4	22,474	E2	49.07	1667	94.1	460	150	2, 46, 48
50	1800	2700	445T	TEFC	ZDVSM4406T-4	26,456	E2	49.07	1806	95	460	177	2, 46, 48
			447T	TEFC	ZDVSM4407T-4	30,999	E2	52.36	2203	95.4	460	226	2, 46, 48
			449T	TEFC	ZDVSM4408T-4	43,032	E2	57.56	2550	95.8	460	277	2, 46, 48
			449T	TEFC	ZDVSM44304T-4	43,032	E2	57.56	2817	96.2	460	338	2, 46, 48

(a) See notes on inside back flap.

■ Cast iron frame

Continuous constant torque to zero speed

Product family code: VS

Product family code: TEBC VS2, TEFC VS3, TENV VS4

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Inverter/Vector

DC

Accessories

Grinders

Motor Mod