

V*S Master Vector Duty, three phase, totally enclosed

1/2 thru 300 Hp

Definite purpose

Unit Handling

Brake

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Motor Mod



Features:

- TENV & TEFC, 1000:1CT without blower
- HS35 Encoder, 1024 PPR unless Note 107 (HS25) is indicated below
- 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)
1/2	1800	2700	56C	TENV	ZDVSNM3538	3,272	VS4	13.84	37	84	230/460	0.9	2, 46, 48, 107
3/4	1800	2700	56C	TENV	ZDVSNM3542	3,372	VS4	13.84	38	82.5	230/460	1.1	2, 46, 48, 107
1	1800	2700	145TC	TENV	ZDVSNM3581T	4,400	VS4	14.65	59	85.5	230/460	1.5	2, 46, 48, 107
			143TC	TEBC	ZDM3581T	5,042	VS2	19.02	66	87.5	230/460	1.5	2, 8, 46, 60, 106, 107
			143TC	TEBC	ZDM3581T-5	5,042	VS2	19.02	65	85.5	575	1.2	2, 8, 46, 106, 107
			143TC	TENV	ZDNM3581T	4,400	VS4	14.65	59	85.5	230/460	1.5	2, 8, 46, 106, 107
			143TC	TEBC	ZDM3582T	5,506	VS2	19.02	62	82.5	230/460	1.8	2, 8, 46, 106, 107
1 1/2	1800	2700	145TC	TENV	ZDVSNM3584T	4,605	VS4	14.65	70	86.5	230/460	2.1	2, 46, 48, 107
			145TC	TEBC	ZDM3584T	5,197	VS2	19.02	70	88.5	230/460	2.1	2, 8, 46, 60, 106, 107
			145TC	TEBC	ZDM3584T-5	5,197	VS2	19.02	62	87.5	575	1.7	2, 8, 46, 106, 107
			145TC	TENV	ZDNM3584T	4,605	VS4	14.65	58	84	230/460	2.3	2, 8, 46, 106, 107
			145TC	TEBC	ZDM3667T	5,896	VS2	21.71	99	87.5	230/460	2.5	2, 8, 46, 106, 107
2	1800	2700	145TC	TENV	ZDVSNM3587T	5,078	VS4	14.65	66	86.5	230/460	2.8	2, 46, 48, 107
			145TC	TEBC	ZDM3587T	5,389	VS2	19.02	75	88.5	230/460	2.8	2, 8, 46, 106, 107
			145TC	TEBC	ZDM3587T-5	5,389	VS2	19.02	74	88.5	575	2.3	2, 8, 46, 106, 107
			182TC	TENV	ZDNM3669T	5,078	VS4	17.21	95	84	230/460	2.9	2, 8, 46, 60, 106, 107
			184TC	TEBC	ZDM3664T	5,994	VS2	21.71	113	88.5	230/460	3.2	2, 8, 46, 106, 107
3	1800	2700	182TC	TEFC	ZDVSNM3661T	5,374	VS3	20.23	118	89.5	230/460	4.1	2, 46, 48
			182TC	TENV	ZDVSNM3661T	5,448	VS4	17.85	111	89.5	230/460	4.3	2, 46, 48
			182TC	TEBC	ZDM3661T	6,227	VS2	21.71	112	89.5	230/460	4.1	2, 8, 46, 106, 107
			182TC	TEBC	ZDM3661T-5	6,227	VS2	21.71	110	89.5	575	3.2	2, 8, 46, 106, 107
			184TC	TENV	ZDNM3661T	5,427	VS4	17.21	104	88.5	230/460	4.2	2, 8, 46, 60, 106, 107
5	1800	2700	213TC	TEBC	ZDM3764T	7,102	VS2	29.14	187	90.2	230/460	4.5	2, 8, 46, 70, 106, 107
			184TC	TEFC	ZDVSNM3665T	5,780	VS3	20.23	129	89.5	230/460	6.6	2, 46, 48
			184TC	TENV	ZDVSNM3665T	5,865	VS4	17.85	124	89.5	230/460	6.6	2, 46, 48
			184TC	TEBC	ZDM3665T	6,448	VS2	21.71	125	90.2	230/460	6.5	2, 8, 46, 106, 107
			184TC	TEBC	ZDM3665T-5	6,448	VS2	21.71	125	90.2	575	5.2	2, 8, 46, 106, 107
7 1/2	1800	2700	213TC	TENV	ZDNM3767T	6,165	VS4	20.40	173	91	230/460	6.7	2, 8, 46, 60, 106, 107
			213TC	TEBC	ZDM3768T	8,163	VS2	29.14	226	90.2	230/460	7.3	2, 8, 46, 70, 106, 107
			213TC	TEFC	ZDVSNM3770T	6,632	VS3	24.59	184	91.7	230/460	9.5	2, 46, 48
			215TC	TENV	ZDVSNM2237T	6,739	VS4	20.86	211	91.7	230/460	10.1	2, 46, 48
			213TC	TEBC	ZDM3770T	7,283	VS2	29.14	170	91.7	230/460	9.5	2, 8, 46, 70, 106, 107
10	1800	2700	213TC	TEBC	ZDM3770T-5	7,283	VS2	30.07	170	91.7	575	7.5	2, 8, 46, 70, 106, 107
			256TC	TENV	ZDNM2237T	7,089	VS4	24.05	242	90.2	230/460	9.1	2, 8, 46, 60, 106
			254TC	TEBC	ZDM2276T	10,691	VS2	33.07	333	91	230/460	10.7	2, 8, 46, 70, 106
			215TC	TEFC	ZDVSNM3774T	7,795	VS3	24.59	210	92.4	230/460	12.5	2, 46, 48
			254TC	TENV	ZDVSNM2238T	8,203	VS4	24.05	325	91.7	230/460	13	2, 46, 48
10	1800	2700	215TC	TEBC	ZDM3774T	7,632	VS2	29.14	231	92.4	230/460	12.5	2, 8, 46, 70, 106
			215TC	TEBC	ZDM3774T-5	7,632	VS2	30.07	231	92.4	575	10	2, 8, 46, 70, 106, 107
			256TC	TENV	ZDNM2238T	8,203	VS4	24.05	284	91.7	230/460	13	2, 8, 46, 60, 106, 107
1200	1800	256TC	TEBC	ZDM2332T	12,531	VS2	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