

BALDOR • RELIANCE

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

1/2 thru 300 Hp

NEMA 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 1024 ppr hollow shaft encoder, three thermostats, and all 440T frames include an ODE insulated bearing. Insulation system exceeds NEMA MG 1-2006, Part 31.4.4.2. Continuous constant torque to zero speed.



Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

Hp	RPM	Max. RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)	Reliance M/N
1/2	1800	6000	56C	TENV	ZDVSNM3538	1,648	E2	13.84	32	230/460	0.8		
3/4	1800	6000	56C	TENV	ZDVSNM3542	1,699	E2	13.84	35	230/460	1.1		
1	1800	6000	143TC	TENV	ZDVSM3581T	2,217	E2	14.65	59	230/460	1.6		
1 1/2	1800	6000	143TC	TENV	ZDVSM3584T	2,320	E2	14.65	66	230/460	2.1		
2	1800	6000	145TC	TENV	ZDVSM3587T	2,560	E2	14.65	68	230/460	2.7		
3	1800	2700	182TC	TENV	ZDVSNM3661T	2,667	E2	14.69	86	230/460	3.8		P18G1232
			182TC	TEFC	ZDVSM3661T	2,630	E2	15.62	110	230/460	3.8		P18G1233
5	1800	2700	L184TC	TENV	ZDVSNM3665T	2,877	E2	16.19	121	230/460	6.4		P18G1234
			L184TC	TEFC	ZDVSM3665T	2,834	E2	17.12	115	230/460	6.4		P18G1235
7 1/2	1800	2700	213TC	TEFC	ZDVSM3770T	3,191	E2	19.25	170	230/460	9.6		P21G1185
			L215TC	TENV	ZDVSNM2237T	3,243	E2	19.25	175	230/460	9.2		P21G1184
10	1800	2700	L215TC	TEFC	ZDVSM3774T	3,475	E2	20.12	190	230/460	12.4		P21G1186
			254TC	TENV	ZDVSNM2238T	3,681	E2	23.78	185	230/460	12.7		P25G1178
15	1800	2700	254TC	TEFC	ZDVSM2333T	3,887	E2	24.50	280	230/460	18.4		P25G1180
			256TC	TENV	ZDVSNM2333T	4,234	E2	23.78	265	230/460	18.7		P25G1179
20	1800	2700	256TC	TEFC	ZDVSM2334T	4,125	E2	24.50	325	230/460	25.5		P25G1181
25	1800	2700	284TC	TEFC	ZDVSM4103T	4,841	E2	27.44	445	230/460	31		P28G3215
30	1800	2700	286TC	TEFC	ZDVSM4104T	5,214	E2	27.44	450	230/460	38.1		P28G3216
40	1800	2700	324T	TEFC	ZDVSM4110T	6,487	E2	30.44	540	230/460	49.8		P32G3221
50	1800	2700	326T	TEFC	ZDVSM4313T	7,614	E2	30.44	580	230/460	62.5		P32G3222
60	1800	2700	364T	TEFC	ZDVSM4314T	9,095	E2	33.44	800	230/460	71.2		P36G3219
75	1800	2700	365T	TEFC	ZDVSM4316T	11,036	E2	33.44	840	230/460	89.2		P36G3220
100	1800	2700	405T	TEFC	ZDVSM4400T-4	13,851	E2	38.31	1,160	460	116		P40G3217
125	1800	2700	444T	TEFC	ZDVSM4410T-4	16,851	E2	44.62	1,540	460	150		P44G3247
150	1800	2700	445T	TEFC	ZDVSM4406T-4	19,836	E2	44.62	1,730	460	177		P44G3248
200	1800	2700	447T	TEFC	ZDVSM4407T-4	23,243	E2	48.13	2,275	460	226		P44G3249
250	1800	2700	449T	TEFC	ZDVSM4408T-4	28,398	E2	53.13	2,650	460	277		P44G3250
300	1800	2700	449T	TEFC	ZDVSM44304T-4	32,267	E2	53.13	2,650	460	338		P44G3251

(a) See notes on inside back flap and pages 5-6.

CONTINUOUS CONSTANT TORQUE TO ZERO SPEED

■ Cast Iron Frame