

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

1/2 thru 50 Hp

NEMA 140T thru 320T



Applications: Conveyors, extruders, printing lines, converting, test stands, anywhere constant torque is required over a wide speed range. These Severe Duty motors are designed for harsh industrial environments by protecting motor components from moisture, chemicals, corrosion and abrasives.

Features: Designed specifically for Inverter operation where up to 1000:1 constant torque speed range is required. Includes 1024 ppr hollow shaft encoder and three thermostats. Insulation system exceeds NEMA MG 1-2006, Part 31.4.4.2. Continuous constant torque to zero speed.

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	1800	6000	143TC	TENV	ZDVSCP3581T	2,329	E2	14.65	59	230/460	1.6		
1 1/2	1800	6000	143TC	TENV	ZDVSCP3584T	2,431	E2	14.65	66	230/460	2.1		
2	1800	6000	145TC	TENV	ZDVSCP3587T	2,671	E2	14.65	68	230/460	2.7		
3	1800	2700	182TC	TEFC	ZDVSCP3661T	2,755	E2	15.62	110	230/460	3.8		P18G1236
5	1800	2700	L184TC	TEFC	ZDVSCP3665T	2,961	E2	17.12	115	230/460	6.4		P18G1237
7 1/2	1800	2700	213TC	TEFC	ZDVSCP3770T	3,376	E2	19.25	170	230/460	9.6		P21G1187
10	1800	2700	L215TC	TEFC	ZDVSCP3774T	3,661	E2	20.12	190	230/460	12.4		P21G1188
15	1800	2700	254TC	TEFC	ZDVSCP2333T	4,137	E2	24.50	280	230/460	18.4		P25G1182
20	1800	2700	256TC	TEFC	ZDVSCP2334T	4,376	E2	24.50	325	230/460	25.5		P25G1183
25	1800	2700	284TC	TEFC	ZDVSCP4103T	5,132	E2	27.44	445	230/460	31		P28G3217
30	1800	2700	286TC	TEFC	ZDVSCP4104T	5,505	E2	27.44	450	230/460	38.1		P28G3218
40	1800	2700	324T	TEFC	ZDVSCP4110T	6,830	E2	30.44	540	230/460	49.8		P32G3223
50	1800	2700	326T	TEFC	ZDVSCP4313T	7,957	E2	30.44	580	230/460	62.5		P32G3224

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

CONTINUOUS CONSTANT TORQUE TO ZERO SPEED

■ Cast Iron Frame

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 Starters & Dynamic Brakes