

**BALDOR • RELIANCE®**

**Vector,  
Three Phase,  
TEBC and TENV,  
C-Face**

**1 thru 200 Hp**

**NEMA 56C thru 447T**

**Applications:** Test stands, material handling, packaging equipment, printing presses, etc.

**Features:** Applications requiring adjustable speed operation with full torque from zero to base speed and constant horsepower to maximum speed. Includes HS25 or HS35 encoder feedback with MS connector. Meets NEMA MG 1, Part 31.



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)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)		
1	1800	6000	143TC	TEBC	ZDM3581T	2,541	E2	19.15	62	87.5	230/460	1.5	2,8,46,55,60		
			143TC	TEBC	ZDM3581T-5	2,541	E2	19.15	64	86.5	575	1.1	2,8,46,55		
			143TC	TENV	ZDNM3581T	2,217	E2	14.65	56	81.5	230/460	1.6	2,8,46,55		
1 1/2	1800	6000	143TC	TEBC	ZDM3582T	2,775	E2	19.15	66	82.5	230/460	1.8	2,8,46,55		
			145TC	TEBC	ZDM3584T	2,619	E2	19.15	63	88.5	230/460	2.1	2,8,46,55,60		
			145TC	TEBC	ZDM3584T-5	2,619	E2	19.15	68	87.5	575	1.7	2,8,46,55		
2	1800	6000	145TC	TENV	ZDNM3584T	2,320	E2	14.65	65	82.5	230/460	2.1	2,8,46,55		
			182TC	TEBC	ZDM3667T	2,972	E2	21.71	110	86.5	230/460	2.6	2,8,46,55		
			145TC	TEBC	ZDM3587T	2,716	E2	19.15	69	88.5	230/460	2.7	2,8,46,55		
3	1800	6000	145TC	TEBC	ZDM3587T-5	2,716	E2	19.15	69	86.5	575	2	2,8,46,55		
			182TC	TENV	ZDNM3669T	2,560	E2	17.21	94	84	230/460	2.9	2,8,46,55,60		
			184TC	TEBC	ZDM3664T	3,021	E2	21.71	118	87.5	230/460	3.6	2,8,46,55		
5	1800	6000	182TC	TEBC	ZDM3661T	3,138	E2	21.71	106	89.5	230/460	4	2,8,46,55		
			182TC	TEBC	ZDM3661T-5	3,138	E2	21.71	105	89.5	575	3.2	2,8,46,55		
			184TC	TENV	ZDNM3661T	2,736	E2	17.21	108	88.5	230/460	4	2,8,46,55,60		
7 1/2	1800	6000	213TC	TEBC	ZDM3764T	3,580	E2	29.14	174	89.5	230/460	5	2,8,46,70		
			184TC	TEBC	ZDM3665T	3,250	E2	21.71	121	90.2	230/460	6.5	2,8,46,55		
			213TC	TENV	ZDNM3767T	3,107	E2	20.40	167	91	230/460	6.7	2,8,46,60,70		
10	1800	6000	215TC	TEBC	ZDM3768T	4,114	E2	29.14	200	88.5	230/460	8	2,8,46,70		
			5000	256TC	TENV	ZDNM2237T	3,573	E2	24.05	250	90.2	230/460	9.1	2,8,46,60,70	
			213TC	TEBC	ZDM3770T	3,671	E2	29.14	177	91.7	230/460	9.5	2,8,46,70		
15	1800	5000	213TC	TEBC	ZDM3770T-5	3,671	E2	30.07	169	90.2	575	7.8	2,8,46,70		
			1200	5000	254TC	TEBC	ZDM2276T	5,390	E2	33.07	282	91.7	230/460	10.7	2,8,46,70
			5000	256TC	TENV	ZDNM2238T	3,683	E2	24.05	289	91.7	230/460	13	2,8,46,60,70	
20	1800	5000	215TC	TEBC	ZDM3774T	3,847	E2	29.14	196	92.4	230/460	12.5	2,8,46,70		
			215TC	TEBC	ZDM3774T-5	3,847	E2	30.07	196	91.7	575	10	2,8,46,70		
			1200	5000	256TC	TEBC	ZDM2332T	6,318	E2	33.07	324	91.7	230/460	14.2	2,8,46,70
25	1800	4000	254TC	TENV	ZDNM2333T	3,757	E2	24.05	286	94.1	230/460	18.5	2,8,46,60,70		
			256TC	TEBC	ZDM2333T	4,078	E2	33.07	301	92.4	230/460	18.5	2,8,46,70		
			256TC	TEBC	ZDM2333T-5	4,078	E2	34.15	310	92.4	575	14.8	2,8,46,70		
30	1800	4000	284T	TEBC	ZDM4100T	7,267	E2	36.48	426	93	230/460	19.7	2,8,45,46,70		
			256TC	TEBC	ZDM2334T	4,275	E2	33.07	286	93	230/460	24	2,8,46,70		
			256TC	TEBC	ZDM2334T-5	4,275	E2	34.15	286	93	575	19	2,8,46,70		
40	1800	3900	284T	TENV	ZDNM2334T	4,733	E2	27.36	420	94.5	230/460	25.5	2,8,45,46,60,70		
			1200	4000	286T	TEBC	ZDM4102T	8,032	E2	36.48	476	93	230/460	26	2,8,45,46,70
			1800	4000	284T	TEBC	ZDM4103T	4,990	E2	36.48	424	93.6	230/460	30	2,8,45,46,70
50	1800	3900	324T	TEBC	ZDM4111T	8,987	E2	39.24	566	93	230/460	32	2,8,45,46,70		
			1200	3900	286T	TEBC	ZDM4104T	5,549	E2	36.48	452	94.1	230/460	36	2,8,45,46,70
			1200	3900	326T	TEBC	ZDM4117T	9,865	E2	39.24	594	93	230/460	38	2,8,45,46,70
50	1800	3600	324T	TEBC	ZDM4110T	7,079	E2	39.24	606	94.5	230/460	47	2,8,45,46,70		
			1200	3600	364T	TEBC	ZDM4308T	11,166	E2	41.58	808	94.1	230/460	49	2,8,45,46,70
			1800	3900	326T	TEBC	ZDM4115T	7,799	E2	39.24	679	94.5	230/460	57	2,8,45,46,70
50	1200	3600	365T	TEBC	ZDM4312T	12,692	E2	41.58	868	94.1	230/460	61	2,8,45,46,70		

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

Consult District Office for availability of 2 pole motors and C-Face motors for 284T through 5009L frames.

Cast Iron Frame

**FULL TORQUE AT ZERO SPEED, 1000:1 CONSTANT TORQUE SPEED RANGE.**