

# Definite Purpose Three Phase, Open Dripproof (ODP) Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque



DI, RI

## APPLICATIONS:

For pumps, fans, blowers or other inverter powered applications.

## FEATURES:

- Inverter Grade® Insulation System (Meets NEMA MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Rolled Steel Frame (140-320), Cast Iron Frame (360-440)
- Aluminum End Shields 140-250, Cast Iron End Shields 280-440
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Constant Horsepower To 90 Hz
- Lifting Provisions (210 Frame & Up)
- Regreasable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings 140-400, Open On 440 Frame
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Conversion Kits: Drip Cover Kits (140-320 Frame), See Page 263
- For VFD Guidelines, Refer to Page vii

## 5:1 (12-60 Hz) Speed Range Constant Torque

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	143T	D1V2B	\$688	DS-VFM	12.8	35	84.0	3.1/1.6	
	1200 (2400)	230/460	145T	D1V3B	\$887	DS-VFM	12.8	40	80.0	3.7/1.8	
1-1/2	3600 (7200)	230/460	143T	D32V1B	\$752	DS-VFM	12.8	35	82.5	4/2	
	1800 (3600)	230/460	145T	D32V2B	\$752	DS-VFM	12.8	40	85.5	4.2/2.1	
	1200 (2400)	230/460	182T	D32V3B	\$972	DS-VFM	15.0	45	85.5	5.3/2.6	
2	3600 (7200)	230/460	145T	D2V1B	\$887	DS-VFM	12.8	40	84.0	5/2.5	
	1800 (3600)	230/460	145T	D2V2B	\$829	DS-VFM	12.8	45	85.5	5.7/2.8	
	1200 (2400)	230/460	184T	D2V3B	\$1,249	DS-VFM	15.0	60	86.5	6.3/3.2	
3	3600 (7200)	230/460	145T	D3V1B	\$978	DS-VFM	12.8	40	84.0	7.4/3.7	
	1800 (3600)	230/460	182T	D3V2B	\$885	DS-VFM	15.0	50	90.2	7.9/3.9	
	1200 (2400)	230/460	213T	D3V3B	\$1,568	DS-VFM	16.0	90	88.5	8.9/4.5	
5	3600 (7200)	230/460	182T	D5V1B	\$1,075	DS-VFM	15.0	50	87.5	12.2/6.1	
	1800 (3600)	230/460	184T	D5V2B	\$1,075	DS-VFM	15.0	60	89.5	12.8/6.4	
	1200 (2400)	230/460	215T	D5V3B	\$1,958	DS-VFM	17.5	100	88.5	14.4/7.2	
7-1/2	3600 (7200)	230/460	184T	D7V1B	\$1,562	DS-VFM	15.0	60	87.5	18.2/9.1	
	1800 (3600)	230/460	213T	D7V2B	\$1,500	DS-VFM	16.0	90	91.0	18.5/9.3	
	1200 (2400)	230/460	254T	D7V3B	\$2,339	DS-VFM	22.6	150	91.7	18.9/9.5	
10	3600 (7200)	230/460	213T	D10V1B	\$1,854	DS-VFM	16.0	90	90.2	24.3/12.2	
	1800 (3600)	230/460	215T	D10V2B	\$1,814	DS-VFM	17.5	100	90.2	24.5/12.2	
	1200 (2400)	230/460	256T	D10V3B	\$2,734	DS-VFM	22.7	160	91.7	25.1/12.6	
15	3600 (7200)	230/460	215T	D15V1B	\$2,345	DS-VFM	17.5	100	90.2	36/18	
	1800 (3600)	230/460	254T	D15V2B	\$2,408	DS-VFM	22.6	150	92.4	37/18.6	
	1200 (2400)	230/460	284T	D15V3B	\$3,520	DS-VFM	24.9	300	91.7	37/18.5	
20	3600 (7200)	230/460	254T	D20V1B	\$2,770	DS-VFM	22.6	150	91.0	46/23.2	
	1800 (3600)	230/460	256T	D20V2B	\$2,940	DS-VFM	22.9	160	93.0	48/24	
	1200 (2400)	230/460	286T	D20V3B	\$4,317	DS-VFM	24.9	325	91.7	49/24.4	
25	3600 (7200)	230/460	256T	D25V1B	\$3,379	DS-VFM	22.7	160	91.0	57/28.7	
	1800 (2700)	230/460	284T	D25V2B	\$3,417	DS-VFM	24.9	300	93.6	58/29.2	
	1200 (2400)	230/460	324T	D25V3B	\$5,125	DS-VFM	27.3	385	93.0	59/29.3	
30	3600 (5400)	230/460	284TS	D30V1BS	\$4,030	DS-VFM	23.5	300	92.4	68/34	
	1800 (2700)	230/460	286T	D30V2B	\$3,971	DS-VFM	24.9	350	94.1	69/34	
	1200 (2400)	230/460	326T	D30V3B	\$5,862	DS-VFM	27.3	415	93.0	70/35	
40	3600 (5400)	230/460	286TS	D40V1BS	\$4,977	DS-VFM	23.5	350	93.0	90/45	
	1800 (2700)	230/460	324T	D40V2B	\$4,766	DS-VFM	27.3	385	94.1	91/46	
	1200 (2400)	230/460	364T	D40V3B	\$8,314	DS-VFM	28.7	580	94.5	92/46	

† All marks shown within this document are properties of their respective owners



GENERAL PURPOSE  
UNIMOUNTGENERAL PURPOSE  
HOSTILE DUTYGENERAL PURPOSE  
CORRO-DUTYGENERAL PURPOSE  
841 PLUSGENERAL PURPOSE  
e-LINEGENERAL PURPOSE  
OPEN DRIPPROOFGENERAL PURPOSE  
HAZARDOUS LOCATIONGENERAL PURPOSE  
AUTOMOTIVE DUTYCOOLING TOWER  
DUTYHAZARDOUS  
LOCATIONC-FACE  
MOTORSVARIABLE  
FREQUENCY

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DI, RI

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	3600 (5400)	230/460	324TS	D50V1BS	\$5,913	DS-VFM	25.8	385	93.0	117/59	
	1800 (2700)	230/460	326T	D50V2B	\$5,556	DS-VFM	27.3	415	94.1	114/57	
	1200 (2400)	230/460	365T	D50V3B	\$9,709	DS-VFM	29.7	580	94.5	115/57	
60	3600 (5400)	230/460	326TS	D60V1BS	\$6,724	DS-VFM	25.8	415	93.6	135/67	
	1800 (3600)	230/460	364T	D60V2B	\$6,810	DS-VFM	28.7	580	95.0	138/69	
	1200 (2400)	230/460	404T	D60V3B	\$11,328	DS-VFM	32.6	750	94.5	138/69	
75	3600 (4500)	230/460	364TS	D75V1BS	\$8,660	DS-VFM	26.6	580	94.1	171/85	
	1800 (3600)	230/460	365T	D75V2B	\$8,011	DS-VFM	29.7	600	95.0	171/86	
	1200 (2400)	230/460	405T	D75V3B	\$13,029	DS-VFM	34.1	800	94.5	172/86	
100	3600 (4500)	230/460	365TS	D100V1BS	\$11,372	DS-VFM	27.6	600	94.1	225/112	
	1800 (3600)	230/460	404T	D100V2B	\$9,991	DS-VFM	32.6	750	95.4	224/112	
	1200 (2400)	460	444T	D100V3C	\$16,135	DS-VFM	37.8	1100	95.0	121	
125	3600 (4500)	460	404TS	D125V1CS	\$14,150	DS-VFM	29.6	750	95.0	136	
	1800 (3600)	460	405T	D125V2C	\$12,231	DS-VFM	34.1	800	95.4	140	
	1200 (2400)	460	445T	D125V3C	\$19,813	DS-VFM	39.8	1200	95.4	151	
150	3600 (4500)	230/460	405TS	D150V1BS	\$17,212	DS-VFM	31.1	800	94.5	327/164	
	1800 (3600)	460	444T	D150V2C	\$17,276	DS-VFM	37.8	1100	95.8	165	
	1200 (2400)	460	445T	D150V3C	\$21,964	DS-VFM	39.8	1200	95.4	190	
200	3600 (4500)	460	444TS	D200V1CS	\$26,152	DS-VFM	34.0	1100	95.0	228	
	1800 (3600)	460	445T	D200V2C	\$22,322	DS-VFM	39.8	1200	95.8	231	
	1200 (2400)	460	447T	D200V3C	\$27,556	DS-VFM	43.3	1700	95.4	250	
250	3600 (4500)	460	445TS	D250V1CS	\$31,837	DS-VFM	36.0	1200	95.0	282	
	1800 (3600)	460	447T	D250V2C	\$32,263	DS-VFM	43.3	1700	96.2	285	