

ID300 Fusion - Integrated Motor and Drive, TEFC

Premium Efficient, Inverter Duty 6:1 (10-60 Hz) Speed Range Variable Torque

APPLICATIONS:

Integrated motor and drive combination for pumping and air moving in commercial and industrial applications.

FEATURES:

- IP55, Die-Cast Aluminum (VFD) - Motor IP54 Extruded Aluminum
- Electronics encapsulated in Resin
- Side Flanges for Cable Entry & Accessories
- Removable Top Cover for Access
- Control in Open Loop V/F Mode
- Modbus RJ45
- Removable Feet on motor
- C-Face and D-Flange Kits Available
- Onboard PLC
- Real time clock
- Commission via Desktop App or optional Keypad
- Up to three Analog Input Channels
- 3 additional Digital Inputs, 1 Digital Output shared with Analog Channels
- User programmable for Voltage (0-10V) or Current (4-20mA) Feedback
- NEMA Premium Inverter Duty Motor
- Motor Double Dip & Bake - 1/2 NEMA Balance

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price

Communications & I/O Options	LIST
Modbus RTU RS232/RS485	Included
Ethernet	\$445
I/O Expansion Module	\$275
Communication Converter Cable	

HMI Options	LIST
Drive Mounted Keypad	\$145
Remote Keypad with cables	\$205
Speed Pot Side Flange with LEDs	\$160

Filters	LIST
EMC Filter	\$240

T-Frame

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Motor Full Load Eff. (NP)	Drive Input Amps	Constant Torque Range	Notes
1	3600	230	143T	U1V1K3ID11	\$1,072	DS-5ID	1.15	12.97	41	84.0%	8.1	20-60Hz	ID300
	3600	460	143T	U1V1C3ID11	\$1,105	DS-5ID	1.15	12.97	41	84.0%	3.4	15-60Hz	ID300
	1800	230	143T	U1V2K3ID11	\$1,050	DS-5ID	1.15	12.97	41	85.5%	8.1	10-60Hz	ID300
	1800	460	143T	U1V2C3ID11	\$1,082	DS-5ID	1.15	12.97	41	85.5%	3.4	10-60Hz	ID300
2	3600	230	145T	U2V1K3ID12	\$1,298	DS-5ID	1.15	14.31	46	85.5%	14.3	20-60Hz	ID300
	3600	460	145T	U2V1C3ID11	\$1,338	DS-5ID	1.15	12.97	46	85.5%	3.9	15-60Hz	ID300
	1800	230	145T	U2V2K3ID12	\$1,271	DS-5ID	1.15	14.31	46	86.5%	14.3	10-60Hz	ID300
	1800	460	145T	U2V2C3ID11	\$1,311	DS-5ID	1.15	12.97	46	86.5%	3.9	20-60Hz	ID300
3	3600	230	182T	U3V1K3ID12	\$1,699	DS-5ID	1.15	18.40	78	86.5%	12.2	20-60Hz	ID300
	3600	460	182T	U3V1C3ID12	\$1,751	DS-5ID	1.15	16.25	71	86.5%	7.5	15-60Hz	ID300
	1800	230	182T	U3V2K3ID12	\$1,664	DS-5ID	1.15	18.40	78	89.5%	12.2	20-60Hz	ID300
	1800	460	182T	U3V2C3ID12	\$1,715	DS-5ID	1.15	16.25	71	89.5%	7.5	10-60Hz	ID300
5	3600	230	184T	U5V1K3ID12	\$1,827	DS-5ID	1.15	16.25	88	88.5%	14.8	15-60Hz	ID300
	3600	460	184T	U5V1C3ID12	\$1,883	DS-5ID	1.15	16.25	81	88.5%	9.5	20-60Hz	ID300
	1800	230	184T	U5V2K3ID12	\$1,789	DS-5ID	1.15	17.00	88	89.5%	14.8	15-60Hz	ID300
	1800	460	184T	U5V2C3ID12	\$1,844	DS-5ID	1.15	17.00	81	89.5%	9.5	10-60Hz	ID300
7.5	3600	460	213T	U7V1C3ID13	\$2,448	DS-5ID	1.15	16.63	123	89.5%	13.0	15-60Hz	ID300
	1800	460	213T	U7V2C3ID13	\$2,398	DS-5ID	1.15	16.63	123	91.7%	13.0	10-60Hz	ID300
10	3600	460	215T	U10V1C3ID13	\$2,867	DS-5ID	1.15	20.13	138	90.2%	16.0	30-60Hz	ID300
	1800	460	215T	U10V2C3ID13	\$2,808	DS-5ID	1.15	20.13	138	91.7%	16.0	20-60Hz	ID300

Note ID300 Motor is integrated with an ID300 drive

GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE STEEL EDGE™
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 84 PLUS™
 GENERAL PURPOSE OPEN DRIPPROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE SPEED MOTORS AND DRIVES

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(continued)

Close-Coupled Pump

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Motor Full Load Eff. (NP)	Drive Input Amps	Constant Torque Range	Notes
3	3600	230	182JM	UJ3V1KM3ID13	\$1,815	DS-5ID	1.15	19.97	78	86.5%	12.2	NA	ID300
	3600	460	182JM	UJ3V1CM3ID12	\$1,871	DS-5ID	1.15	17.81	71	86.5%	7.5	NA	ID300
	1800	230	182JM	UJ3V2KM3ID13	\$1,780	DS-5ID	1.15	19.97	78	89.5%	12.2	NA	ID300
	1800	460	182JM	UJ3V2CM3ID12	\$1,835	DS-5ID	1.15	17.81	71	89.5%	7.5	NA	ID300
5	3600	230	184JM	UJ5V1KM3ID13	\$1,943	DS-5ID	1.15	17.81	88	88.5%	14.8	NA	ID300
	3600	460	184JM	UJ5V1CM3ID12	\$2,003	DS-5ID	1.15	17.81	81	88.5%	9.5	NA	ID300
	1800	230	184JM	UJ5V2KM3ID13	\$1,905	DS-5ID	1.15	18.56	88	89.5%	14.8	NA	ID300
	1800	460	184JM	UJ5V2CM3ID12	\$1,964	DS-5ID	1.15	18.56	81	89.5%	9.5	NA	ID300
7.5	3600	460	213JM	UJ7V1CM3ID13	\$2,603	DS-5ID	1.15	19.78	123	89.5%	13.0	NA	ID300
	1800	460	213JM	UJ7V2CM3ID13	\$2,553	DS-5ID	1.15	19.78	123	91.7%	13.0	NA	ID300
10	3600	460	215JM	UJ10V1CM3ID13	\$3,022	DS-5ID	1.15	21.28	138	91.7%	16.0	NA	ID300
	1800	460	215JM	UJ10V2CM3ID13	\$2,963	DS-5ID	1.15	21.28	138	91.7%	16.0	NA	ID300

C-Face

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Motor Full Load Eff. (NP)	Drive Input Amps	Constant Torque Range	Notes
1	3600	230	56C	U1V1KHC3ID11	\$1,149	DS-5ID	1.15	13.06	41	84.0%	8.1	NA	ID300
	3600	460	56C	U1V1CHC3ID11	\$1,184	DS-5ID	1.15	13.06	41	84.0%	3.4	NA	ID300
	3600	230	143TC	U1V1KC3ID11	\$1,149	DS-5ID	1.15	13.13	41	84.0%	8.1	NA	ID300
	3600	460	143TC	U1V1CC3ID11	\$1,184	DS-5ID	1.15	13.13	41	84.0%	3.4	NA	ID300
	1800	230	56C	U1V2KHC3ID11	\$1,126	DS-5ID	1.15	13.06	41	85.5%	8.1	NA	ID300
	1800	460	56C	U1V2CHC3ID11	\$1,161	DS-5ID	1.15	13.06	41	85.5%	3.4	NA	ID300
	1800	230	143TC	U1V2KC3ID11	\$1,126	DS-5ID	1.15	13.13	41	85.5%	8.1	NA	ID300
	1800	460	143TC	U1V2CC3ID11	\$1,161	DS-5ID	1.15	13.13	41	85.5%	3.4	NA	ID300
2	3600	230	56C	U2V1KHC3ID12	\$1,375	DS-5ID	1.15	13.38	41	85.5%	14.3	NA	ID300
	3600	460	56C	U2V1CHC3ID11	\$1,417	DS-5ID	1.15	13.06	41	85.5%	3.9	NA	ID300
	3600	230	143TC	U2V1KC3ID12	\$1,375	DS-5ID	1.15	13.44	46	85.5%	14.3	NA	ID300
	3600	460	143TC	U2V1CC3ID11	\$1,417	DS-5ID	1.15	13.13	46	85.5%	3.9	NA	ID300
	1800	230	56C	U2V2KHC3ID12	\$1,348	DS-5ID	1.15	13.38	41	86.5%	14.3	NA	ID300
	1800	460	56C	U2V2CHC3ID11	\$1,390	DS-5ID	1.15	13.06	41	86.5%	3.9	NA	ID300
	1800	230	143TC	U2V2KC3ID12	\$1,348	DS-5ID	1.15	13.44	46	86.5%	14.3	NA	ID300
	1800	460	143TC	U2V2CC3ID11	\$1,390	DS-5ID	1.15	13.13	46	86.5%	3.9	NA	ID300
3	3600	230	182TC	UJ3V1KC3ID13	\$1,790	DS-5ID	1.15	18.34	78	86.5%	12.2	NA	ID300
	3600	460	182TC	UJ3V1CC3ID12	\$1,845	DS-5ID	1.15	16.19	71	86.5%	7.5	NA	ID300
	1800	230	182TC	UJ3V2KC3ID13	\$1,755	DS-5ID	1.15	18.34	78	89.5%	12.2	NA	ID300
	1800	460	182TC	UJ3V2CC3ID12	\$1,809	DS-5ID	1.15	16.19	71	89.5%	7.5	NA	ID300
5	3600	230	184TC	UJ5V1KC3ID13	\$1,918	DS-5ID	1.15	16.19	88	88.5%	14.8	NA	ID300
	3600	460	184TC	UJ5V1CC3ID12	\$1,977	DS-5ID	1.15	16.19	81	88.5%	9.5	NA	ID300
	1800	230	184TC	UJ5V2KC3ID13	\$1,880	DS-5ID	1.15	16.94	88	89.5%	14.8	NA	ID300
	1800	460	184TC	UJ5V2CC3ID12	\$1,938	DS-5ID	1.15	16.94	81	89.5%	9.5	NA	ID300
7.5	3600	460	213TC	UJ7V1CC3ID13	\$2,562	DS-5ID	1.15	18.66	123	89.5%	13.0	NA	ID300
	1800	460	213TC	UJ7V2CC3ID13	\$2,512	DS-5ID	1.15	18.66	123	91.7%	13.0	NA	ID300
10	3600	460	215TC	UJ10V1CC3ID13	\$2,981	DS-5ID	1.15	20.16	138	91.7%	16.0	NA	ID300
	1800	460	215TC	UJ10V2CC3ID13	\$2,922	DS-5ID	1.15	20.16	138	91.7%	16.0	NA	ID300

Note ID300 Motor is integrated with an ID300 drive

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(continued)

C-Face Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Motor Full Load Eff. (NP)	Drive Input Amps	Constant Torque Range	Notes
1	3600	230	56C	U1V1KHCRID11	\$1,134	DS-5ID	1.15	12.06	41	84.0%	8.1	NA	ID300
	3600	460	56C	U1V1CHCRID11	\$1,169	DS-5ID	1.15	12.06	41	84.0%	3.4	NA	ID300
	3600	230	143TC	U1V1KCRID11	\$1,134	DS-5ID	1.15	12.13	41	84.0%	8.1	NA	ID300
	3600	460	143TC	U1V1CCRID11	\$1,169	DS-5ID	1.15	12.13	41	84.0%	3.4	NA	ID300
	1800	230	56C	U1V2KHCRID11	\$1,111	DS-5ID	1.15	13.06	41	85.5%	8.1	NA	ID300
	1800	460	56C	U1V2CHCRID11	\$1,146	DS-5ID	1.15	13.06	41	85.5%	3.4	NA	ID300
	1800	230	143TC	U1V2KCRID11	\$1,111	DS-5ID	1.15	13.13	41	85.5%	8.1	NA	ID300
	1800	460	143TC	U1V2CCRID11	\$1,146	DS-5ID	1.15	13.13	41	85.5%	3.4	NA	ID300
2	3600	230	56C	U2V1KHCRID12	\$1,360	DS-5ID	1.15	13.38	41	85.5%	14.3	NA	ID300
	3600	460	56C	U2V1CHCRID11	\$1,402	DS-5ID	1.15	12.06	41	85.5%	3.9	NA	ID300
	3600	230	143TC	U2V1KCRID12	\$1,360	DS-5ID	1.15	13.44	46	85.5%	14.3	NA	ID300
	3600	460	143TC	U2V1CCRID11	\$1,402	DS-5ID	1.15	12.13	46	85.5%	3.9	NA	ID300
	1800	230	56C	U2V2KHCRID12	\$1,333	DS-5ID	1.15	13.38	41	86.5%	14.3	NA	ID300
	1800	460	56C	U2V2CHCRID11	\$1,375	DS-5ID	1.15	13.06	41	86.5%	3.9	NA	ID300
	1800	230	143TC	U2V2KCRID12	\$1,333	DS-5ID	1.15	13.44	46	86.5%	14.3	NA	ID300
	1800	460	143TC	U2V2CCRID11	\$1,375	DS-5ID	1.15	13.13	46	86.5%	3.9	NA	ID300

Note ID300 Motor is integrated with an ID300 drive