

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Energy Efficient



UT4

APPLICATIONS:

For the specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft. Used in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hz Sine Wave Power
- Extruded Aluminum Frame (140: Rolled Steel)
- Aluminum End Shields With Steel Bearing Inserts
- 40°C Ambient, NEMA® Design B Performance On 60 Hz Sine Wave Power
- Regreasable Shaft End Bearing 180 Frame & Up
- "CE" Mark On Nameplate
- Double Shielded Bearings
- Removable Base 180 Frame & Up
- Lifting Provisions 180 Frame & Up
- JM Shaft For Mechanical Seal
- Conversion Kits: Drip Cover Kits, Page 263

JM Shaft — Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JM	UJ1E2DM	\$480	DS-3PT	1.25	14.3	30	82.5	3.1-3.0/1.5	03,16
1-1/2	3600	208-230/460	143JM	UJ32E1DM	\$519	DS-3PT	1.25	14.3	30	82.5	4.3-3.9/1.9	03,16
	1800	208-230/460	145JM	UJ32E2DM	\$507	DS-3PT	1.25	14.3	35	84.0	4.6-4.4/2.2	03,16
2	3600	208-230/460	145JM	UJ2E1DM	\$558	DS-3PT	1.25	14.3	35	84.0	5.6-5.0/2.5	03,16
	1800	208-230/460	145JM	UJ2E2DM	\$538	DS-3PT	1.25	14.3	35	84.0	5.8-5.7/2.8	03,16
3	3600	208-230/460	145JM	UJ3E1DFM	\$650	DS-3PT	1.25	14.3	35	85.5	8.2-7.2/3.6	03,16
	3600	208-230/460	182JM	UJ3E1DM	\$674	DS-3PT	1.25	17.8	60	85.5	8.7-8.0/4.0	03,16
	1800	208-230/460	182JM	UJ3E2DM	\$673	DS-3PT	1.25	17.8	60	87.5	8.6-8.1/4.1	03,16
5	3600	208-230/460	184JM	UJ5E1DM	\$844	DS-3PT	1.25	17.8	70	87.5	13.8-12.3/6.1	03,16
	1800	208-230/460	184JM	UJ5E2DM	\$815	DS-3PT	1.25	17.8	70	87.5	14.0-12.7/6.4	03,16
7-1/2	3600	230/460	184JM	UJ7E1BFM	\$942	DS-3PT	1.15	17.8	70	88.5	17.9/9.0	
	3600	208-230/460	213JM	UJ7E1DM	\$1,133	DS-3PT	1.25	19.8	105	88.5	20.4-18.4/9.2	03,16
	1800	208-230/460	213JM	UJ7E2DM	\$1,081	DS-3PT	1.25	19.8	105	89.5	20.8-18.9/9.4	03,16
10	3600	208-230/460	215JM	UJ10E1DM	\$1,322	DS-3PT	1.25	21.3	120	89.5	26.7-23.8/11.9	03,16
	1800	208-230/460	215JM	UJ10E2DM	\$1,276	DS-3PT	1.25	21.3	120	89.5	27.5-24.8/12.4	03,16
15	3600	208-230/460	215JM	UJ15E1DFM	\$1,530	DS-3PT	1.25	22.3	120	90.2	40.0-35.0/17.6	03,16
	3600	208-230/460	254JM	UJ15E1DM	\$2,108	DS-3PT	1.25	25.4	180	90.2	40.0-35.0/17.6	03,16
	1800	208-230/460	254JM	UJ15E2DM	\$1,905	DS-3PT	1.25	25.4	180	91.0	41.0-38.0/19.0	03,16
20	3600	208-230/460	256JM	UJ20E1DM	\$2,458	DS-3PT	1.25	27.1	230	90.2	54.0-47.0/23.5	03,16
	1800	208-230/460	256JM	UJ20E2DM	\$2,236	DS-3PT	1.25	27.1	230	91.0	54.0-50.0/25.0	03,16
25	3600	208-230/460	256JM	UJ25E1DFM	\$2,922	DS-3PT	1.25	27.1	230	91.0	65.0-57.0/28.7	03,16
	3600	208-230/460	284JM	UJ25E1DM	\$3,645	DS-3PT	1.25	27.6	280	91.0	65.0-57.0/28.7	03,16
	1800	208-230/460	284JM	UJ25E2DM	\$3,130	DS-3PT	1.25	27.6	280	92.4	67.0-59.0/29.6	03,16
30	3600	208-230/460	286JM	UJ30E1DM	\$3,995	DS-3PT	1.25	29.1	300	91.0	79.0-68.0/34.0	03,16
	1800	208-230/460	286JM	UJ30E2DM	\$3,378	DS-3PT	1.25	29.1	300	92.4	80.0-72.0/36.0	03,16

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

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



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