

# Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Standard 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 Hertz 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 Hertz 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 307

## 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	200	143JM	UJ1S2HM	\$437	DS-3PT	1.25	14.3	40	78.5	3.9	
	1800	208-230/460	143JM	UJ1S2AM	\$437	DS-3PT	1.25	14.3	30	80.0	3.4-3.4/1.7	16
1-1/2	3600	208-230/460	143JM	UJ32S1AM	\$485	DS-3PT	1.25	14.3	35	78.5	4.6-4.0/2.0	16
	3600	575	143JM	UJ32S1GM	\$485	DS-3PT	1.15	14.3	35	80.0	1.7	
	1800	208-230/460	145JM	UJ32S2AM	\$462	DS-3PT	1.25	14.3	100	80.0	5.1-5.0/2.5	16
	1800	575	145JM	UJ32S2GM	\$462	DS-3PT	1.25	14.3	40	81.5	1.9	
2	3600	208-230/460	145JM	UJ2S1AM	\$516	DS-3PT	1.25	14.3	35	80.0	6.0/5.3/2.7	16
	3600	575	145JM	UJ2S1GM	\$516	DS-3PT	1.15	14.3	40	82.5	2.2	
	1800	200	145JM	UJ2S2HM	\$475	DS-3PT	1.25	14.3	46	81.5	6.9	
	1800	208-230/460	145JM	UJ2S2AM	\$475	DS-3PT	1.25	14.3	37	82.5	6.5-6.2/3.1	16
	1800	575	145JM	UJ2S2GM	\$475	DS-3PT	1.25	14.3	110	84.0	2.4	
3	3600	208-230/460	145JM	UJ3S1AFM	\$534	DS-3PT	1.25	14.3	45	82.5	8.5-7.5/3.8	16
	3600	200	182JM	UJ3S1HM	\$612	DS-3PT	1.25	17.8	54	78.5	9.7	
	3600	208-230/460	182JM	UJ3S1AM	\$612	DS-3PT	1.25	17.8	53	80.0	9.2-8.4/4.2	16
	3600	575	182JM	UJ3S1GM	\$612	DS-3PT	1.25	17.8	50	80.0	3.4	
	1800	200	182JM	UJ3S2HM	\$594	DS-3PT	1.25	17.8	61	82.5	10.7	
	1800	208-230/460	182JM	UJ3S2AM	\$594	DS-3PT	1.25	17.8	68	84.0	8.9-8.3/4.2	16
	1800	575	182JM	UJ3S2GM	\$594	DS-3PT	1.15	17.8	68	82.5	3.6	
5	3600	200	184JM	UJ5S1HM	\$775	DS-3PT	1.25	17.8	70	84.0	14.7	
	3600	208-230/460	184JM	UJ5S1AM	\$775	DS-3PT	1.25	17.8	70	85.5	14.3-12.7/6.4	16
	3600	575	184JM	UJ5S1GM	\$775	DS-3PT	1.15	17.8	110	85.5	5.0	
	1800	200	184JM	UJ5S2HM	\$719	DS-3PT	1.25	17.8	70	84.0	15.4	
	1800	208-230/460	184JM	UJ5S2AM	\$719	DS-3PT	1.25	17.8	66	84.0	14.6-13.7/6.8	16
	1800	575	184JM	UJ5S2GM	\$719	DS-3PT	1.15	17.8	70	84.0	5.4	
7-1/2	3600	200	184JM	UJ7S1HFM	\$870	DS-3PT	1.15	17.8	74	85.5	21.5	
	3600	230/460	184JM	UJ7S1BFM	\$870	DS-3PT	1.15	17.8	75	84.0	21.5-19/9.5	
	3600	575	184JM	UJ7S1GFM	\$870	DS-3PT	1.15	17.8	110	84.0	7.6	
	3600	200	213JM	UJ7S1HFM	\$1,015	DS-3PT	1.25	19.8	102	85.5	21.6	
	3600	208-230/460	213JM	UJ7S1AM	\$1,015	DS-3PT	1.25	19.8	102	86.5	21.6-19.4/9.7	16
	3600	575	213JM	UJ7S1GM	\$1,015	DS-3PT	1.25	19.8	102	87.5	7.3	
	1800	200	213JM	UJ7S2HM	\$952	DS-3PT	1.25	19.8	120	86.5	23.5	
	1800	208-230/460	213JM	UJ7S2AM	\$952	DS-3PT	1.25	19.8	110	85.5	21.9-20.8/10.4	16
	1800	575	213JM	UJ7S2GM	\$952	DS-3PT	1.15	19.8	180	86.5	8.1	

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

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners



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UT4

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	200	215JM	UJ10S1HM	\$1,212	DS-3PT	1.25	21.3	129	88.5	27.7	
	3600	208-230/460	215JM	UJ10S1AM	\$1,212	DS-3PT	1.25	21.3	123	88.5	27.4-24.2/12.1	16
	3600	575	215JM	UJ10S1GM	\$1,212	DS-3PT	1.25	21.3	180	88.5	9.6	
	1800	200	215JM	UJ10S2HM	\$1,119	DS-3PT	1.25	21.3	121	88.5	30.0	
	1800	208-230/460	215JM	UJ10S2AM	\$1,119	DS-3PT	1.25	21.3	120	87.5	28.8-26.9/13.5	16
	1800	575	215JM	UJ10S2GM	\$1,119	DS-3PT	1.25	21.3	210	87.5	10.5	
15	3600	200-208	215JM	UJ15S1HFM	\$1,365	DS-3PT	1.25	22.3	150	87.5	41	
	3600	208-203/460	215JM	UJ15S1AFM	\$1,365	DS-3PT	1.25	22.3	140	88.5	41-36/18.0	16
	3600	575	215JM	UJ15S1GFM	\$1,365	DS-3PT	1.15	22.3	110	87.5	14.3	
	3600	200	254JM	UJ15S1HM	\$1,898	DS-3PT	1.25	25.4	194	89.5	41	
	3600	208-230/460	254JM	UJ15S1AM	\$1,898	DS-3PT	1.25	25.4	202	87.5	41-36/18.1	16
	3600	575	254JM	UJ15S1GM	\$1,898	DS-3PT	1.15	25.4	250	88.5	14.4	
	1800	200	254JM	UJ15S2HM	\$1,676	DS-3PT	1.25	25.4	190	88.5	43	
	1800	208-230/460	254JM	UJ15S2AM	\$1,676	DS-3PT	1.25	25.4	255	88.5	42-37/18.7	
20	3600	200	256JM	UJ20S1HM	\$2,420	DS-3PT	1.25	27.1	210	88.5	55	
	3600	208-230/460	256JM	UJ20S1AM	\$2,420	DS-3PT	1.25	27.1	225	88.5	55-48/24	
	3600	575	256JM	UJ20S1GM	\$2,420	DS-3PT	1.15	27.1	150	88.5	19.3	
	1800	200-208	256JM	UJ20S2FM	\$1,927	DS-3PT	1.2	27.1	248	89.5	56	
	1800	208-230/460	256JM	UJ20S2AM	\$1,927	DS-3PT	1.25	27.1	255	89.5	55-48/24	16
	1800	575	256JM	UJ20S2GM	\$1,927	DS-3PT	1.25	27.1	250	89.5	19.5	
25	3600	200-208	256JM	UJ25S1HFM	\$2,420	DS-3PT	1.25	27.1	235	88.5	54	
	3600	208-230/460	256JM	UJ25S1AFM	\$2,704	DS-3PT	1.25	27.1	186	89.5	67-59/29.4	16
	3600	575	256JM	UJ25S1GFM	\$2,704	DS-3PT	1.15	27.1	194	88.5	24.3	
	3600	200	284JM	UJ25S1HM	\$3,312	DS-3PT	1.25	27.6	274	88.5	67	
	3600	208-230/460	284JM	UJ25S1AM	\$3,312	DS-3PT	1.25	27.6	260	88.5	68-58/29.2	16
	1800	200	284JM	UJ25S2HM	\$2,769	DS-3PT	1.25	27.6	210	90.2	70	
	1800	208-230/460	284JM	UJ25S2AM	\$2,769	DS-3PT	1.25	27.6	290	91.0	61/31	16
	1800	575	284JM	UJ25S2GM	\$2,769	DS-3PT	1.15	27.6	300	91.0	24.5	
30	3600	200-208	286JM	UJ30S1HM	\$3,448	DS-3PT	1.25	29.1	318	90.2	80	
	3600	208-230/460	286JM	UJ30S1AM	\$3,448	DS-3PT	1.25	29.1	265	90.2	80-70/35	16
	3600	575	286JM	UJ30S1GM	\$3,448	DS-3PT	1.15	29.1	192	90.2	27.8	
	1800	208-230/460	286JM	UJ30S2AM	\$2,989	DS-3PT	1.25	29.1	268	90.2	83-73/37	16
	1800	575	286JM	UJ30S2GM	\$2,989	DS-3PT	1.15	29.1	310	91.0	29.4	

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C-FACE MOTORS  
VARIABLE FREQUENCY  
DRIVES  
BRAKE MOTORS  
GENERAL PURPOSE SINGLE PHASE  
HVAC  
WASHDOWN  
AGRICULTURE  
COMMERCIAL PUMP MOTORS  
CLOSE COUPLED PUMP MOTORS  
FIRE PUMP MOTORS  
POOL & SPA MOTORS