

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



UT4

## APPLICATIONS:

Designed 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 (4)
- Extruded Aluminum Frame (140: Rolled Steel)
- Aluminum End Shields With Steel Bearing Inserts
- 40C Ambient, NEMA®† Design B Performance (4)
- 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: Canopy Kits

## 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	\$366	DS-3PT	1.25	14.3	40	78.5	3.9	
	1800	208-230/460	143JM	<b>UJ1S2AM</b>	\$366	DS-3PT	1.25	14.3	30	80.0	3.4-3.4/1.7	16
1-1/2	3600	208-230/460	143JM	<b>UJ32S1AM</b>	\$406	DS-3PT	1.25	14.3	35	78.5	4.6-4.0/2.0	16
	3600	575	143JM	UJ32S1GM	\$406	DS-3PT	1.15	14.3	35	80.0	1.7	
	1800	208-230/460	145JM	<b>UJ32S2AM</b>	\$387	DS-3PT	1.25	14.3	100	80.0	5.1-5.0/2.5	16
	1800	575	145JM	UJ32S2GM	\$387	DS-3PT	1.25	14.3	40	81.5	1.9	
2	3600	208-230/460	145JM	<b>UJ2S1AM</b>	\$432	DS-3PT	1.25	14.3	35	80.0	6.0/5.3/2.7	16
	3600	575	145JM	UJ2S1GM	\$432	DS-3PT	1.15	14.3	40	82.5	2.2	
	1800	200	145JM	<b>UJ2S2HM</b>	\$398	DS-3PT	1.25	14.3	46	81.5	6.9	
	1800	208-230/460	145JM	<b>UJ2S2AM</b>	\$398	DS-3PT	1.25	14.3	37	82.5	6.5-6.2/3.1	16
	1800	575	145JM	UJ2S2GM	\$398	DS-3PT	1.25	14.3	110	84.0	2.4	
3	3600	208-230/460	145JM	<b>UJ3S1AFM</b>	\$497	DS-3PT	1.25	14.3	45	82.5	8.5-7.5/3.8	16
	3600	200	182JM	UJ3S1HM	\$497	DS-3PT	1.25	17.8	54	78.5	9.7	
	3600	208-230/460	182JM	<b>UJ3S1AM</b>	\$497	DS-3PT	1.25	17.8	53	80.0	9.2-8.4/4.2	16
	3600	575	182JM	UJ3S1GM	\$497	DS-3PT	1.25	17.8	50	80.0	3.4	
	1800	200	182JM	<b>UJ3S2HM</b>	\$512	DS-3PT	1.25	17.8	61	82.5	10.7	
	1800	208-230/460	182JM	<b>UJ3S2AM</b>	\$512	DS-3PT	1.25	17.8	68	84.0	8.9-8.3/4.2	16
	1800	575	182JM	UJ3S2GM	\$512	DS-3PT	1.15	17.8	68	82.5	3.6	
5	3600	200	184JM	UJ5S1HM	\$649	DS-3PT	1.25	17.8	70	84.0	14.7	
	3600	208-230/460	184JM	<b>UJ5S1AM</b>	\$649	DS-3PT	1.25	17.8	70	85.5	14.3-12.7/6.4	16
	3600	575	184JM	UJ5S1GM	\$649	DS-3PT	1.15	17.8	110	85.5	5.0	
	1800	200	184JM	<b>UJ5S2HM</b>	\$602	DS-3PT	1.25	17.8	70	84.0	15.4	
	1800	208-230/460	184JM	<b>UJ5S2AM</b>	\$602	DS-3PT	1.25	17.8	66	84.0	14.6-13.7/6.8	16
	1800	575	184JM	UJ5S2GM	\$602	DS-3PT	1.15	17.8	70	84.0	5.4	
7-1/2	3600	200	184JM	<b>UJ7S1HFM</b>	\$728	DS-3PT	1.15	17.8	74	85.5	21.5	
	3600	230/460	184JM	<b>UJ7S1BFM</b>	\$728	DS-3PT	1.15	17.8	75	84.0	21.5-19/9.5	
	3600	575	184JM	UJ7S1GFM	\$728	DS-3PT	1.15	17.8	110	84.0	7.6	
	3600	200	213JM	UJ7S1HM	\$850	DS-3PT	1.25	19.8	102	85.5	21.6	
	3600	208-230/460	213JM	<b>UJ7S1AM</b>	\$850	DS-3PT	1.25	19.8	102	86.5	21.6-19.4/9.7	16
	3600	575	213JM	UJ7S1GM	\$850	DS-3PT	1.25	19.8	102	87.5	7.3	
	1800	200	213JM	<b>UJ7S2HM</b>	\$797	DS-3PT	1.25	19.8	120	86.5	23.5	
	1800	208-230/460	213JM	<b>UJ7S2AM</b>	\$797	DS-3PT	1.25	19.8	110	85.5	21.9-20.8/10.4	16
	1800	575	213JM	UJ7S2GM	\$797	DS-3PT	1.15	19.8	180	86.5	8.1	

Note 04 On 60 Hertz Sine Wave power

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

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



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## APPLICATIONS:

Designed for the specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft.  
Used where dirt and moisture are minimal.

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	<b>UJ10S1HM</b>	\$1,015	DS-3PT	1.25	21.3	129	88.5	27.7	
	3600	208-230/460	215JM	<b>UJ10S1AM</b>	\$1,015	DS-3PT	1.25	21.3	123	88.5	27.4-24.2/12.1	16
	3600	575	215JM	UJ10S1GM	\$1,015	DS-3PT	1.25	21.3	180	88.5	9.6	
	1800	200	215JM	UJ10S2HM	\$937	DS-3PT	1.25	21.3	121	88.5	30.0	
	1800	208-230/460	215JM	<b>UJ10S2AM</b>	\$937	DS-3PT	1.25	21.3	120	87.5	28.8-26.9/13.5	16
	1800	575	215JM	UJ10S2GM	\$937	DS-3PT	1.25	21.3	210	87.5	10.5	
15	3600	200-208	215JM	<b>UJ15S1HFM</b>	\$1,143	DS-3PT	1.25	22.3	150	87.5	41	
	3600	208-203/460	215JM	<b>UJ15S1AFM</b>	\$1,143	DS-3PT	1.25	22.3	140	88.5	41-36/18.0	16
	3600	575	215JM	UJ15S1GFM	\$1,143	DS-3PT	1.15	22.3	110	87.5	14.3	
	3600	200	254JM	UJ15S1HM	\$1,589	DS-3PT	1.25	25.4	194	89.5	41	
	3600	208-230/460	254JM	<b>UJ15S1AM</b>	\$1,589	DS-3PT	1.25	25.4	202	87.5	41-36/18.1	16
	3600	575	254JM	UJ15S1GM	\$1,589	DS-3PT	1.15	25.4	250	88.5	14.4	
	1800	200	254JM	UJ15S2HM	\$1,403	DS-3PT	1.25	25.4	190	88.5	43	
	1800	208-230/460	254JM	<b>UJ15S2AM</b>	\$1,403	DS-3PT	1.25	25.4	255	88.5	42-37/18.7	
	1800	575	254JM	UJ15S2GM	\$1,403	DS-3PT	1.25	25.4	250	88.5	14.9	
20	3600	200	256JM	<b>UJ20S1HM</b>	\$2,026	DS-3PT	1.25	27.1	210	88.5	55	
	3600	208-230/460	256JM	<b>UJ20S1AM</b>	\$2,026	DS-3PT	1.25	27.1	225	88.5	55-48/24	
	3600	575	256JM	UJ20S1GM	\$2,026	DS-3PT	1.15	27.1	150	88.5	19.3	
	1800	200-208	256JM	UJ20S2FM	\$1,613	DS-3PT	1.2	27.1	248	89.5	56	
	1800	208-230/460	256JM	<b>UJ20S2AM</b>	\$1,613	DS-3PT	1.25	27.1	255	89.5	55-48/24	16
	1800	575	256JM	UJ20S2GM	\$1,613	DS-3PT	1.25	27.1	250	89.5	19.5	
25	3600	200-208	256JM	UJ25S1HFM	\$2,264	DS-3PT	1.25	27.1	235	88.5	54	
	3600	208-230/460	256JM	<b>UJ25S1AFM</b>	\$2,264	DS-3PT	1.25	27.1	186	89.5	67-59/29.4	16
	3600	575	256JM	UJ25S1GFM	\$2,264	DS-3PT	1.15	27.1	194	88.5	24.3	
	3600	200	284JM	UJ25S1HM	\$2,773	DS-3PT	1.25	27.6	274	88.5	67	
	3600	208-230/460	284JM	<b>UJ25S1AM</b>	\$2,773	DS-3PT	1.25	27.6	260	88.5	68-58/29.2	16
	1800	200	284JM	UJ25S2HM	\$2,318	DS-3PT	1.25	27.6	210	90.2	70	
	1800	208-230/460	284JM	<b>UJ25S2AM</b>	\$2,318	DS-3PT	1.25	27.6	290	91.0	61/31	16
	1800	575	284JM	UJ25S2GM	\$2,318	DS-3PT	1.15	27.6	300	91.0	24.5	
30	3600	200-208	286JM	UJ30S1HM	\$2,887	DS-3PT	1.25	29.1	318	90.2	80	
	3600	208-230/460	286JM	<b>UJ30S1AM</b>	\$2,887	DS-3PT	1.25	29.1	265	90.2	80-70/35	16
	3600	575	286JM	UJ30S1GM	\$2,887	DS-3PT	1.15	29.1	192	90.2	27.8	
	1800	208-230/460	286JM	<b>UJ30S2AM</b>	\$2,502	DS-3PT	1.25	29.1	268	90.2	83-73/37	16
	1800	575	286JM	UJ30S2GM	\$2,502	DS-3PT	1.15	29.1	310	91.0	29.4	

Note 04 On 60 Hertz Sine Wave power

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