

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



UT1

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
- "JP" Shaft For Packing Seal
- Conversion Kits: Canopy Kits

JP 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	143JP	UJ1S2AP	\$366	DS-3PT	1.25	17.3	38	80.0	3.4-3.4/1.7	16
1-1/2	3600	208-230/460	143JP	UJ32S1AP	\$406	DS-3PT	1.25	17.3	31	78.5	4.6-4.0/2.0	16
	3600	575	143JP	UJ32S1GP	\$406	DS-3PT	1.15	17.3	35	78.5	1.7	
	1800	208-230/460	145JP	UJ32S2AP	\$387	DS-3PT	1.25	17.3	39	80.0	4.7-4.7/2.3	16
2	3600	208-230/460	145JP	UJ2S1AP	\$432	DS-3PT	1.25	17.3	41	80.0	6.0/5.3/2.7	16
	3600	575	145JP	UJ2S1GP	\$432	DS-3PT	1.15	17.3	40	80.0	2.2	
	1800	208-230/460	145JP	UJ2S2AP	\$398	DS-3PT	1.25	17.3	40	82.5	6.3-6.2/3.1	16
	1800	575	145JP	UJ2S2GP	\$398	DS-3PT	1.25	17.3	90	84.0	2.4	
3	3600	208-230/460	145JP	UJ3S1AFP	\$497	DS-3PT	1.25	17.3	47	82.5	8.5-7.5/3.8	16
	3600	575	145JP	UJ3S1GFP	\$497	DS-3PT	1.15	17.3	50	82.5	2.9	
	3600	200	182JP	UJ3S1HP	\$497	DS-3PT	1.25	20.8	54	78.5	9.7	
	3600	208-230/460	182JP	UJ3S1AP	\$497	DS-3PT	1.25	20.8	55	80.0	9.2-8.4/4.2	16
	3600	575	182JP	UJ3S1GP	\$497	DS-3PT	1.25	20.8	58	80.0	3.4	
	1800	200	182JP	UJ3S2HP	\$512	DS-3PT	1.25	20.8	62	82.5	10.7	
	1800	208-230/460	182JP	UJ3S2AP	\$512	DS-3PT	1.25	20.8	64	84.0	8.9-8.3/4.2	16
	1800	575	182JP	UJ3S2GP	\$512	DS-3PT	1.15	20.8	68	82.5	3.5	
5	3600	200	184JP	UJ5S1HP	\$649	DS-3PT	1.25	20.8	72	84.0	14.7	
	3600	208-230/460	184JP	UJ5S1AP	\$649	DS-3PT	1.25	20.8	70	85.5	14.3-12.7/6.4	16
	3600	575	184JP	UJ5S1GP	\$649	DS-3PT	1.15	20.8	70	84.0	5.1	
	1800	200	184JP	UJ5S2HP	\$602	DS-3PT	1.25	20.8	70	84.0	15.4	
	1800	208-230/460	184JP	UJ5S2AP	\$602	DS-3PT	1.25	20.8	70	84.0	14.6-13.7/6.8	16
	1800	575	184JP	UJ5S2GP	\$602	DS-3PT	1.15	20.8	70	84.0	5.4	
7-1/2	3600	200	184JP	UJ7S1HFP	\$728	DS-3PT	1.15	20.8	77	85.5	21.5	
	3600	230/460	184JP	UJ7S1BP	\$728	DS-3PT	1.15	20.8	75	85.5	19/9.5	
	3600	575	184JP	UJ7S1GFP	\$728	DS-3PT	1.15	20.8	75	84.0	7.6	
	3600	200	213JP	UJ7S1HP	\$850	DS-3PT	1.25	23.6	105	85.5	21.6	
	3600	208-230/460	213JP	UJ7S1AP	\$850	DS-3PT	1.25	23.6	105	85.5	21-18.9/9.4	16
	3600	575	213JP	UJ7S1GP	\$850	DS-3PT	1.25	23.6	110	85.5	7.5	
	1800	200	213JP	UJ7S2HP	\$797	DS-3PT	1.25	23.6	110	86.5	23.5	
	1800	208-230/460	213JP	UJ7S2AP	\$797	DS-3PT	1.25	23.6	112	86.5	21.9-20.3/10.1	16
	1800	575	213JP	UJ7S2GP	\$797	DS-3PT	1.15	23.6	115	86.5	8.1	
10	3600	200	215JP	UJ10S1HP	\$1,015	DS-3PT	1.25	25.1	132	88.5	27.7	
	3600	208-230/460	215JP	UJ10S1AP	\$1,015	DS-3PT	1.25	25.1	130	88.5	27.4-24.1/12	16
	3600	575	215JP	UJ10S1GP	\$1,015	DS-3PT	1.15	25.1	124	88.5	9.5	
	1800	200	215JP	UJ10S2HP	\$937	DS-3PT	1.25	25.1	125	88.5	30.0	

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

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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	1800	208-230/460	215JP	UJ10S2AP	\$937	DS-3PT	1.25	25.1	127	88.5	28.7-26.4/13.2	16
	1800	575	215JP	UJ10S2GP	\$937	DS-3PT	1.25	25.1	210	87.5	10.5	
15	3600	200-208	215JP	UJ15S1HFP	\$1,143	DS-3PT	1.25	25.1	157	87.5	41	
	3600	208-203/460	215JP	UJ15S1AFP	\$1,143	DS-3PT	1.25	25.1	145	87.5	41-36/17.9	16
	3600	575	215JP	UJ15S1GFP	\$1,143	DS-3PT	1.15	25.1	180	88.5	14.3	
	3600	200	254JP	UJ15S1HP	\$1,589	DS-3PT	1.25	28.3	225	89.5	41	
	3600	208-230/460	254JP	UJ15S1AP	\$1,589	DS-3PT	1.25	28.3	236	87.5	41-36/18.1	16
	3600	575	254JP	UJ15S1GP	\$1,589	DS-3PT	1.15	28.3	200	89.5	14.6	
	1800	200	254JP	UJ15S2HP	\$1,403	DS-3PT	1.25	28.3	227	88.5	43	
	1800	208-230/460	254JP	UJ15S2AP	\$1,403	DS-3PT	1.25	28.3	215	88.5	42-37/18.6	16
	1800	575	254JP	UJ15S2GP	\$1,403	DS-3PT	1.25	28.3	250	88.5	14.9	
20	3600	200	256JP	UJ20S1HP	\$2,026	DS-3PT	1.25	30.0	265	88.5	55	
	3600	208-230/460	256JP	UJ20S1AP	\$2,026	DS-3PT	1.25	30.0	230	88.5	55-48/24	16
	3600	575	256JP	UJ20S1GP	\$2,026	DS-3PT	1.15	30.0	150	88.5	19.3	
	1800	200	256JP	UJ20S2HP	\$1,613	DS-3PT	1.25	30.0	266	89.5	56	
	1800	208-230/460	256JP	UJ20S2AP	\$1,613	DS-3PT	1.25	30.0	265	89.5	55-48/24	16
	1800	575	256JP	UJ20S2GP	\$1,613	DS-3PT	1.25	30.0	265	89.5	19.5	
25	3600	200-208	256JP	UJ25S1HFP	\$2,264	DS-3PT	1.25	30.0	243	88.5	68	
	3600	208-230/460	256JP	UJ25S1AFP	\$2,264	DS-3PT	1.25	30.0	245	89.5	67-59/29.3	16
	3600	575	256JP	UJ25S1GFP	\$2,264	DS-3PT	1.15	30.0	220	89.5	23.5	
	3600	200	284JP	UJ25S1HP	\$2,773	DS-3PT	1.25	30.5	260	89.5	67	
	3600	208-230/460	284JP	UJ25S1AP	\$2,773	DS-3PT	1.25	30.5	260	89.5	68-58/29.2	16
	3600	575	284JP	UJ25S1GP	\$2,773	DS-3PT	1.15	30.5	260	88.5	23.6	
	1800	200	284JP	UJ25S2HP	\$2,318	DS-3PT	1.25	30.5	298	90.2	70	
	1800	208-230/460	284JP	UJ25S2AP	\$2,318	DS-3PT	1.25	30.5	300	91.0	68-61/31	16
	1800	575	284JP	UJ25S2GP	\$2,318	DS-3PT	1.15	30.5	300	91.7	24.5	
30	3600	200	286JP	UJ30S1HP	\$2,887	DS-3PT	1.25	32.0	240	90.2	80	
	3600	208-230/460	286JP	UJ30S1DP	\$2,887	DS-3PT	1.25	32.0	322	90.2	80-69/35	16
	3600	575	286JP	UJ30S1GP	\$2,887	DS-3PT	1.15	32.0	150	90.2	27.8	
	1800	200-208	286JP	UJ30S2HP	\$2,502	DS-3PT	1.25	32.0	271	91.0	85	
	1800	208-230/460	286JP	UJ30S2AP	\$2,502	DS-3PT	1.25	32.0	310	90.2	83-73/37	16
	1800	575	286JP	UJ30S2GP	\$2,502	DS-3PT	1.15	32.0	300	91.0	29.4	

Westcoast 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
7-1/2	3600	208-230/460	213TCZ	UJ7S1AJ	\$850	DS-3PT	1.25	22.8	118	85.5	20.6-18.7/9.3	16
	1800	208-230/460	213TCZ	UJ7S2AJ	\$797	DS-3PT	1.25	22.8	109	86.5	21.9-20.3/10.1	16
10	3600	208-230/460	215TCZ	UJ10S1AJ	\$1,015	DS-3PT	1.25	24.3	120	88.5	27.4-24.1/12	16
	1800	208-230/460	215TCZ	UJ10S2AJ	\$937	DS-3PT	1.25	24.3	115	88.5	28.7-26.4/13.2	16
15	3600	208-230/460	215TCZ	UJ15S1AJ	\$1,143	DS-3PT	1.25	25.3	145	88.5	41-36/17.9	16

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