

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



UTE4

### 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
- Cast Iron Frame 280 & Up, Aluminum 180-250, Rolled Steel 140
- Cast Iron End Brackets 280 & Up, 250 Frame and Lower Has Aluminum With Steel Bearing Inserts
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Shaft End Bearing 180 Frame & Up
- Double Shielded Bearings
- Removable Base (180 - 250 Frame)
- Lifting Provisions 180 Frame & Up
- "JM" Shaft For Mechanical Seal
- "CE" Mark On Nameplate
- Conversion Kits: Canopy Kits

### JM Shaft For Mechanical Seal

HP	RPM	Voltage	Frame	Catalog Number
1	3600	230/460	143JM	UJ1P1BM
	3600	575	143JM	UJ1P1GM
	1800	208-230/460	143JM	UJ1P2DM
	1800	575	143JM	UJ1P2GM
1 1/2	3600	208-230/460	143JM	UJ32P1DM
	3600	230/460	143JM	UJ32P1BM
	3600	575	143JM	UJ32P1GM
	1800	208-230/460	145JM	UJ32P2DM
	1800	575	145JM	UJ32P2GM
2	3600	208-230/460	145JM	UJ2P1DM
	3600	575	145JM	UJ2P1GM
	1800	208-230/460	145JM	UJ2P2DM
	1800	575	145JM	UJ2P2GM
3	3600	208-230/460	145JM	UJ3P1DFM
	3600	208-230/460	182JM	UJ3P1DM
	3600	575	145JM	UJ3P1GFM
	3600	575	182JM	UJ3P1GM
	1800	208-230/460	182JM	UJ3P2DM
	1800	575	182JM	UJ3P2GM
5	3600	208-230/460	184JM	UJ5P1DM
	3600	575	184JM	UJ5P1GM
	1800	208-230/460	184JM	UJ5P2DM
	1800	575	184JM	UJ5P2GM
7 1/2	3600	208-230/460	184JM	UJ7P1DFM
	3600	208-230/460	213JM	UJ7P1DM
	3600	575	184JM	UJ7P1GFM
	3600	575	213JM	UJ7P1GM
	1800	208-230/460	213JM	UJ7P2DM
	1800	575	213JM	UJ7P2GM
10	3600	208-230/460	215JM	UJ10P1DM
	3600	575	215JM	UJ10P1GM
	1800	208-230/460	215JM	UJ10P2DM
	1800	575	215JM	UJ10P2GM

Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
DS-3PT	1.25	14.3	30	81.5	2.7/1.4	
DS-3PT	1.25	14.3	30	81.5	1.1	
DS-3PT	1.25	15.3	30	85.5	3.1-3/1.5	03
DS-3PT	1.25	14.3	30	85.5	1.1	
DS-3PT	1.25	15.3	30	84.0	4.1-3.8/1.9	03
DS-3PT	1.25	14.3	30	84.0	3.9/1.9	
DS-3PT	1.25	14.3	30	84.0	1.6	
DS-3PT	1.25	15.3	35	86.5	4.5-4.3/2.1	03
DS-3PT	1.25	14.3	30	86.5	1.7	
DS-3PT	1.25	15.3	35	86.5	5.9-5.7/2.8	03
DS-3PT	1.25	14.3	35	86.5	2.3	
DS-3PT	1.25	15.3	35	86.5	8.1-7.2/3.6	03,14
DS-3PT	1.25	17.8	60	87.5	8.4-7.8/3.9	03
DS-3PT	1.25	15.3	35	86.5	2.9	14
DS-3PT	1.25	17.8	100	87.5	3.1	
DS-3PT	1.25	17.8	60	89.5	8.4-7.8/3.9	03
DS-3PT	1.25	17.8	60	89.5	3.1	
DS-3PT	1.25	17.8	70	88.5	13.4-12.2/6.1	03
DS-3PT	1.25	17.8	100	88.5	4.9	
DS-3PT	1.25	18.6	70	90.2	13.6-12.3/6.2	03
DS-3PT	1.25	17.8	70	89.5	5	
DS-3PT	1.25	17.8	70	90.2	19.9-19/9.5	03,14
DS-3PT	1.25	19.9	105	91.0	19.9-17.8/8.9	03
DS-3PT	1.25	17.8	70	89.5	7.1	14
DS-3PT	1.25	19.8	240	91.0	7.1	
DS-3PT	1.25	19.9	105	91.7	20-18.2/9.1	03
DS-3PT	1.25	19.8	105	91.7	7.2	
DS-3PT	1.25	21.4	120	91.0	26.4-23.5/11.7	03
DS-3PT	1.25	21.4	166	91.0	9.4	
DS-3PT	1.25	21.4	120	91.7	26.5-23.9/12	03
DS-3PT	1.25	21.4	120	91.7	9.6	

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 14 NEMA® Design A

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





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

**NEMA  
Premium**



(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes	
15	3600	208-230/460	215JM	UJ15P1DFM	DS-3PT	1.25	21.4	120	91.0	39-36/18	03, 14	
	3600	208-230/460	254JM	UJ15P1DM	DS-3PT	1.25	25.4	180	91.0	39-35/17.7	03, 14	
	3600	230/460	254JM	UJ15P1BM	DS-3PT	1.25	25.4	180	91.0	35/17.7		
	3600	575	215JM	UJ15P1GFM	DS-3PT	1.25	21.4	120	91.7	14.4	14	
	3600	575	254JM	UJ15P1GM	DS-3PT	1.25	25.4	180	91.0	14.1		
	1800	208-230/460	254JM	UJ15P2DM	DS-3PT	1.25	25.4	180	92.4	40-37/18.4	03	
	1800	575	254JM	UJ15P2GM	DS-3PT	1.25	25.4	180	92.4	14.6		
	20	3600	208-230/460	256JM	UJ20P1DM	DS-3PT	1.25	27.1	230	91.7	51-46/23	03, 14
3600		575	256JM	UJ20P1GM	DS-3PT	1.25	27.1	230	91.0	18.5		
1800		208-230/460	256JM	UJ20P2DM	DS-3PT	1.25	27.1	230	93.0	53-47/23.5	03	
1800		575	256JM	UJ20P2GM	DS-3PT	1.25	27.1	230	93.0	19		
25	3600	208-230/460	256JM	UJ25P1DFM	DS-3PT	1.15	27.1	230	91.7	64-57/28.3	03, 14	
	3600	208-230/460	284JM	UJ25P1DM	DS-3PT	1.25	29.1	280	91.7	65-57/28.4	03, 14	
	3600	575	256JM	UJ25P1GFM	DS-3PT	1.15	27.1	230	91.7	22.6	14	
	3600	575	284JM	HJ25P1GM	DS-3PT	1.15	27.9	380	91.7	23		
	1800	208-230/460	284JM	UJ25P2DM	DS-3PT	1.25	29.1	280	93.6	65-59/29.3	03	
	1800	575	284JM	HJ25P2GM	DS-3PT	1.15	27.9	380	93.6	23		
	30	3600	460	286JM	HJ30P1BM	DS-3PT	1.15	27.9	275	91.7	69/34	
		3600	575	286JM	HJ30P1GM	DS-3PT	1.15	27.9	410	91.7	27.6	
1800		208-230/460	286JM	UJ30P2DM	DS-3PT	1.25	29.1	300	93.6	78-70/35	03	
1800		575	286JM	HJ30P2GM	DS-3PT	1.15	27.9	410	93.6	27.6		

## JP Shaft For Packing Seal

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JP	UJ1P2DP	DS-3PT	1.25	18.3	30	85.5	3.1-3/1.5	03
	1800	575	143JP	UJ1P2GP	DS-3PT	1.25	17.3	30	85.5	1.1	
1 1/2	1800	208-230/460	145JP	UJ3P2DP	DS-3PT	1.25	18.3	35	86.5	4.5-4.3/2.1	03
	1800	575	145JP	UJ3P2GP	DS-3PT	1.25	17.3	30	86.5	1.7	
2	3600	208-230/460	145JP	UJ2P1DP	DS-3PT	1.25	18.3	35	86.5	5.4-4.9/2.5	03
	1800	208-230/460	145JP	UJ2P2DP	DS-3PT	1.25	18.3	35	86.5	5.9-5.7/2.8	03
	1800	575	145JP	UJ2P2GP	DS-3PT	1.25	17.3	35	86.5	2.2	
3	3600	208-230/460	145JP	UJ3P1DFP	DS-3PT	1.25	18.3	35	86.5	8.1-7.2/3.6	03, 14
	3600	208-230/460	182JP	UJ3P1DP	DS-3PT	1.25	20.9	60	87.5	8.4-7.8/3.9	03
	1800	208-230/460	182JP	UJ3P2DP	DS-3PT	1.25	20.9	60	89.5	8.4-7.8/3.9	03
	1800	575	182JP	UJ3P2GP	DS-3PT	1.25	20.9	60	89.5	3.1	
5	3600	208-230/460	184JP	UJ5P1DP	DS-3PT	1.25	20.9	70	88.5	13.4-12.2/6.1	03
	1800	208-230/460	184JP	UJ5P2DP	DS-3PT	1.25	21.6	70	90.2	13.6-12.3/6.2	03
	1800	575	184JP	UJ5P2GP	DS-3PT	1.25	20.9	70	89.5	5	
7 1/2	3600	208-230/460	184JP	UJ7P1DFP	DS-3PT	1.25	20.9	70	90.2	19.9-19/9.5	03, 14
	3600	208-230/460	213JP	UJ7P1DP	DS-3PT	1.25	23.8	105	91.0	19.9-17.8/8.9	03
	1800	208-230/460	213JP	UJ7P2DP	DS-3PT	1.25	23.8	105	91.7	20-18.2/9.1	03
	1800	575	213JP	UJ7P2GP	DS-3PT	1.25	23.8	105	91.7	7.2	

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

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