

# Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Premium 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
- 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®1 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	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	Full Load Eff.	Full Load Amps	Notes
1	3600	230/460	143JM	UJ1P1BM	DS-3PT	1.25	14.3	30	81.5	1.4	
	3600	575	143JM	UJ1P1GM	DS-3PT	1.25	14.3	30	81.5	1.1	
	1800	208-230/460	143JM	UJ1P2DM	DS-3PT	1.25	15.3	30	85.5	3.1-3/1.5	03
	1800	575	143JM	UJ1P2GM	DS-3PT	1.25	15.3	30	85.5	1.1	
1 1/2	3600	208-230/460	143JM	UJ32P1DM	DS-3PT	1.25	15.3	30	84.0	4.1-3.8/1.9	03
	3600	230/460	143JM	UJ32P1BM	DS-3PT	1.25	14.3	30	84.0	3.9/1.9	LA
	3600	575	143JM	UJ32P1GM	DS-3PT	1.25	14.3	30	84.0	1.6	
	1800	208-230/460	145JM	UJ32P2DM	DS-3PT	1.25	15.3	35	86.5	4.5-4.3/2.1	03
	1800	575	145JM	UJ32P2GM	DS-3PT	1.25	14.3	30	86.5	1.7	
2	3600	208-230/460	145JM	UJ2P1DM	DS-3PT	1.25	15.3	35	86.5	5.4-4.9/2.5	03
	3600	575	145JM	UJ2P1GM	DS-3PT	1.25	14.3	42	86.5	2	
	1800	208-230/460	145JM	UJ2P2DM	DS-3PT	1.25	15.3	35	86.5	5.9-5.7/2.8	03
	1800	575	145JM	UJ2P2GM	DS-3PT	1.25	14.3	35	86.5	2.3	
3	3600	208-230/460	182JM	UJ3P1DM	DS-3PT	1.25	17.8	60	87.5	8.4-7.8/3.9	03
	3600	208-230/460	145JM	UJ3P1DFM	DS-3PT	1.25	15.3	35	86.5	8.1-7.2/3.6	03,14
	3600	575	145JM	UJ3P1GFM	DS-3PT	1.25	15.3	35	86.5	2.9	14
	3600	575	182JM	UJ3P1GM	DS-3PT	1.25	17.8	100	87.5	3.1	
	1800	208-230/460	182JM	UJ3P2DM	DS-3PT	1.25	17.8	60	89.5	8.4-7.8/3.9	03
	1800	575	182JM	UJ3P2GM	DS-3PT	1.25	17.8	60	89.5	3.1	
5	3600	208-230/460	184JM	UJ5P1DM	DS-3PT	1.25	17.8	70	88.5	13.4-12.2/6.1	03
	3600	575	184JM	UJ5P1GM	DS-3PT	1.25	17.8	100	88.5	4.9	
	1800	208-230/460	184JM	UJ5P2DM	DS-3PT	1.25	17.8	70	90.2	13.6-12.3/6.2	03
	1800	575	184JM	UJ5P2GM	DS-3PT	1.25	17.8	70	89.5	5	
7 1/2	3600	208-230/460	184JM	UJ7P1DFM	DS-3PT	1.25	17.8	70	90.2	19.8-18.9/9.4	03,14
	3600	208-230/460	213JM	UJ7P1DM	DS-3PT	1.25	19.9	105	91.0	19.9-17.8/8.9	03
	3600	575	184JM	UJ7P1GFM	DS-3PT	1.25	17.8	70	89.5	7.1	14
	3600	575	213JM	UJ7P1GM	DS-3PT	1.25	19.8	240	91.0	7.1	
	1800	208-230/460	213JM	UJ7P2DM	DS-3PT	1.25	19.9	105	91.7	20.0-18.2/9.1	03
	1800	575	213JM	UJ7P2GM	DS-3PT	1.25	19.9	105	91.7	7.2	
10	3600	208-230/460	215JM	UJ10P1DM	DS-3PT	1.25	19.9	120	91.0	26.4-23.5/11.7	03
	3600	575	215JM	UJ10P1GM	DS-3PT	1.25	21.4	166	91.0	9.4	
	1800	208-230/460	215JM	UJ10P2DM	DS-3PT	1.25	21.4	120	91.7	26.5-23.9/12	03
	1800	575	215JM	UJ10P2GM	DS-3PT	1.25	21.4	120	91.7	9.6	
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	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	

Note 03 660/50 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®T Design A

BRAKEMOTORS  
 GENERAL PURPOSE SINGLE PHASE  
 HVAC  
 WASHDOWN  
 AGRICULTURE  
 COMMERCIAL PUMP MOTORS  
 CLOSE COUPLED PUMP MOTORS  
 FIRE PUMP MOTORS  
 POOL & SPA MOTORS  
 RESIDENTIAL WATER PUMP  
 ELEVATOR GATE & DOOR

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



UT4

### UTE4 (continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	Full Load Eff.	Full Load Amps	Notes
20	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	284JM	UJ25P1DM	DS-3PT	1.25	29.1	280	91.7	65.0-57.0/28.4	03,14
	3600	208-230/460	256JM	UJ25P1DFM	DS-3PT	1.15	27.1	230	91.7	64-57/28.3	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	78.0-70.0/35.0	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)	Full Load 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	19.8-18.9/9.4	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	
10	3600	208-230/460	215JP	UJ10P1DP	DS-3PT	1.25	25.3	120	91.0	26.4-23.5/11.7	03
	1800	208-230/460	215JP	UJ10P2DP	DS-3PT	1.25	25.3	120	91.7	26.5-23.9/12	03
	1800	575	215JP	UJ10P2GP	DS-3PT	1.25	25.3	120	91.7	9.6	
15	3600	208-230/460	215JP	UJ15P1DFP	DS-3PT	1.25	25.3	120	91.0	39-36/18	03,14
	3600	208-230/460	254JP	UJ15P1DP	DS-3PT	1.25	28.3	180	91.0	39-35/17.7	03,14
	1800	208-230/460	254JP	UJ15P2DP	DS-3PT	1.25	28.3	180	92.4	40-37/18.4	03
	1800	575	254JP	UJ15P2GP	DS-3PT	1.25	28.3	180	92.4	14.6	
20	3600	208-230/460	256JP	UJ20P1DP	DS-3PT	1.25	30.0	230	91.7	51-46/23	03,14
	1800	208-230/460	256JP	UJ20P2DP	DS-3PT	1.25	30.0	230	93.0	53-47/23.5	03
	1800	575	256JP	UJ20P2GP	DS-3PT	1.25	30.0	230	93.0	19	
25	3600	208-230/460	256JP	UJ25P1DFP	DS-3PT	1.15	30.0	230	91.7	64-57/28.3	03,14
	3600	208-230/460	284JP	UJ25P1DP	DS-3PT	1.25	32.0	280	91.7	65-57/28.4	03
	1800	208-230/460	284JP	UJ25P2DP	DS-3PT	1.25	32.0	280	93.6	65-59/29.3	03
	1800	575	284JP	HJ25P2GP	DS-3PT	1.15	30.8	380	93.6	23	
	30	1800	208-230/460	286JP	UJ30P2DP	DS-3PT	1.25	32.0	300	93.6	78-70/35
30	1800	575	286JP	HJ30P2GP	DS-3PT	1.15	30.8	410	93.6	27.6	

Note 03 660/50 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) Premium Efficient



UT4

## Westcoast Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	Full Load Eff.	Full Load Amps	Notes
7 1/2	3600	208-230/460	213TCZ	UJ7P1DJ	DS-3PT	1.25	22.8	105	91.0	19.9-17.8/8.9	03
	1800	208-230/460	213TCZ	UJ7P2DJ	DS-3PT	1.25	22.8	105	91.7	20-18.2/9.1	03
10	3600	208-230/460	215TCZ	UJ10P1DJ	DS-3PT	1.25	24.3	120	91.0	26.4-23.5/11.7	03
	1800	208-230/460	215TCZ	UJ10P2DJ	DS-3PT	1.25	24.3	120	91.0	26.4-23.5/11.7	03
15	3600	208-230/460	215TCZ	UJ15P1DFJ	DS-3PT	1.25	24.3	120	91.0	39-36/18	03,14

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<sup>®</sup> Design A

# Special Application Close Coupled Pump Three Phase Open Drip Proof (ODP) NEMA<sup>®</sup> Premium Efficient



NEMA Premium

DE1, DE3, DE4, DEF4

## 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 Service Factor
- Rolled Steel Frame
- Aluminum End Shields 140-250, Cast Iron End Shields 280-320
- Oversized Ball Bearings w/Locked Shaft End Construction
- Premasked Mylar Nameplate (with "CE" Mark)
- F1 Assembly Position
- Regreasable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings
- 40°C Ambient, NEMA<sup>®</sup> Design B Performance On 60 Hertz Sine Wave Power
- "JM" Shaft For Mechanical Seal
- "JM" Shaft on 210 Frame and Smaller; JP Shaft on 250 and 280 Frame

## JM Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
3/4	1200	208-230/460	143JM	DJ34P3DM	DS-3POP	1.15	15.0	30	80.0	2.8-2.8/1.4	03
1	1800	200	143JM	DJ1P2HM	DS-3POP	1.15	15.0	30	85.5	3.6	
	1800	208-230/460	143JM	DJ1P2DM	DS-3POP	1.15	15.0	30	85.5	3.1-3.1/1.5	03
	1200	208-230/460	145JM	DJ1P3DM	DS-3POP	1.15	15.0	35	82.5	4-4/2	03
1 1/2	3600	208-230/460	143JM	DJ32E1DM	DS-3FPO	1.15	15.0	30	82.5	4.3-4/2	03,16,NNP,LA
	3600	208-230/460	143JM	DJ32P1DM	DS-3POP	1.15	15.0	30	85.5	4.2-3.8/1.9	03
	1800	200	145JM	DJ32P2HM	DS-3POP	1.15	15.0	35	86.5	4.8	
	1800	208-230/460	145JM	DJ32P2DM	DS-3POP	1.15	15.0	35	86.5	4.4-4.1/2.1	03
	1200	208-230/460	182JM	DJ32P3DM	DS-3POP	1.15	16.0	50	86.5	5.2-5.3/2.6	03
2	3600	208-230/460	145JM	DJ2E1DM	DS-3FPO	1.15	15.0	35	84.0	5.6-5.1/2.5	03,16,NNP,LA
	3600	208-230/460	145JM	DJ2P1DM	DS-3POP	1.15	15.0	35	85.5	5.5-5/2.5	03
	1800	200	145JM	DJ2P2HM	DS-3POP	1.15	15.0	35	86.5	6.3	
	1800	208-230/460	145JM	DJ2P2DM	DS-3POP	1.15	15.0	35	86.5	5.9-5.6/2.8	03
	1800	575	145JM	DJ2E2GM	DS-3FPO	1.15	15.0	37	84.0	2.4	NNP,LA
	1800	575	145JM	DJ2P2GM	DS-3POP	1.15	15.0	35	85.5	2.2	
	1200	208-230/460	184JM	DJ2P3DM	DS-3POP	1.15	16.0	60	87.5	6.4-6.3/3.1	03
3	3600	208-230/460	145JM	DJ3P1DM	DS-3POP	1.15	15.0	35	85.5	8.3-7.4/3.7	03
	1800	200	182JM	DJ3P2HM	DS-3POP	1.15	16.0	50	89.5	8.8	
	1800	208-230/460	182JM	DJ3P2DM	DS-3POP	1.15	16.0	50	89.5	8.3-7.7/3.8	03
	1200	208-230/460	213JM	DJ3P3DM	DS-3POP	1.15	18.0	90	88.5	9.4-8.9/4.4	03

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<sup>®</sup> Design A

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

Note LA Limited Availability

Note NNP Non-NEMA<sup>®</sup> Premium

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BRAKEMOTORS  
GENERAL PURPOSE SINGLE PHASE  
HVAC  
WASHDOWN  
AGRICULTURE  
COMMERCIAL PUMP MOTORS  
CLOSE COUPLED PUMP MOTORS  
FIRE PUMP MOTORS  
POOL & SPA MOTORS  
RESIDENTIAL WATER PUMP  
ELEVATOR GATE & DOOR