

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



UT1

## 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 Hz 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 Hz 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
- JP Shaft For Packing Seal and West Coast Pump Shaft
- Conversion Kits: Drip Cover Kits, Page 307

## 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        | \$437   | 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       | \$485   | DS-3PT          | 1.25 | 17.3              | 31              | 78.5           | 4.6-4.0/2.0    | 16    |
|       | 3600 | 575         | 143JP | UJ32S1GP       | \$485   | DS-3PT          | 1.15 | 17.3              | 35              | 78.5           | 1.7            |       |
|       | 1800 | 208-230/460 | 145JP | UJ32S2AP       | \$462   | DS-3PT          | 1.25 | 17.3              | 39              | 80.0           | 4.7-4.7/2.3    | 16    |
| 2     | 3600 | 208-230/460 | 145JP | UJ2S1AP        | \$516   | DS-3PT          | 1.25 | 17.3              | 41              | 80.0           | 6.0/5.3/2.7    | 16    |
|       | 3600 | 575         | 145JP | UJ2S1GP        | \$516   | DS-3PT          | 1.15 | 17.3              | 40              | 80.0           | 2.2            |       |
|       | 1800 | 208-230/460 | 145JP | UJ2S2AP        | \$475   | DS-3PT          | 1.25 | 17.3              | 40              | 82.5           | 6.3-6.2/3.1    | 16    |
|       | 1800 | 575         | 145JP | UJ2S2GP        | \$475   | DS-3PT          | 1.25 | 17.3              | 90              | 84.0           | 2.4            |       |
| 3     | 3600 | 208-230/460 | 145JP | UJ3S1AFP       | \$534   | DS-3PT          | 1.25 | 17.3              | 47              | 82.5           | 8.5-7.5/3.8    | 16    |
|       | 3600 | 575         | 145JP | UJ3S1GFP       | \$534   | DS-3PT          | 1.15 | 17.3              | 50              | 82.5           | 2.9            |       |
|       | 3600 | 200         | 182JP | UJ3S1HP        | \$612   | DS-3PT          | 1.25 | 20.8              | 54              | 78.5           | 9.7            |       |
|       | 3600 | 208-230/460 | 182JP | UJ3S1AP        | \$612   | DS-3PT          | 1.25 | 20.8              | 55              | 80.0           | 9.2-8.4/4.2    | 16    |
|       | 3600 | 575         | 182JP | UJ3S1GP        | \$612   | DS-3PT          | 1.25 | 20.8              | 58              | 80.0           | 3.4            |       |
|       | 1800 | 200         | 182JP | UJ3S2HP        | \$594   | DS-3PT          | 1.25 | 20.8              | 62              | 82.5           | 10.7           |       |
|       | 1800 | 208-230/460 | 182JP | UJ3S2AP        | \$594   | DS-3PT          | 1.25 | 20.8              | 64              | 84.0           | 8.9-8.3/4.2    | 16    |
|       | 1800 | 575         | 182JP | UJ3S2GP        | \$594   | DS-3PT          | 1.15 | 20.8              | 68              | 82.5           | 3.5            |       |
| 5     | 3600 | 200         | 184JP | UJ5S1HP        | \$775   | DS-3PT          | 1.25 | 20.8              | 72              | 84.0           | 14.7           |       |
|       | 3600 | 208-230/460 | 184JP | UJ5S1AP        | \$775   | DS-3PT          | 1.25 | 20.8              | 70              | 85.5           | 14.3-12.7/6.4  | 16    |
|       | 3600 | 575         | 184JP | UJ5S1GP        | \$775   | DS-3PT          | 1.15 | 20.8              | 70              | 84.0           | 5.1            |       |
|       | 1800 | 200         | 184JP | UJ5S2HP        | \$719   | DS-3PT          | 1.25 | 20.8              | 70              | 84.0           | 15.4           |       |
|       | 1800 | 208-230/460 | 184JP | UJ5S2AP        | \$719   | DS-3PT          | 1.25 | 20.8              | 70              | 84.0           | 14.6-13.7/6.8  | 16    |
|       | 1800 | 575         | 184JP | UJ5S2GP        | \$719   | DS-3PT          | 1.15 | 20.8              | 70              | 84.0           | 5.4            |       |
| 7-1/2 | 3600 | 200         | 184JP | UJ7S1HFP       | \$870   | DS-3PT          | 1.15 | 20.8              | 77              | 85.5           | 21.5           |       |
|       | 3600 | 230/460     | 184JP | UJ7S1BP        | \$870   | DS-3PT          | 1.15 | 20.8              | 75              | 85.5           | 19/9.5         |       |
|       | 3600 | 575         | 184JP | UJ7S1GFP       | \$870   | DS-3PT          | 1.15 | 20.8              | 75              | 84.0           | 7.6            |       |
|       | 3600 | 200         | 213JP | UJ7S1HP        | \$1,015 | DS-3PT          | 1.25 | 23.6              | 105             | 85.5           | 21.6           |       |
|       | 3600 | 208-230/460 | 213JP | UJ7S1AP        | \$1,015 | DS-3PT          | 1.25 | 23.6              | 105             | 85.5           | 21-18.9/9.4    | 16    |
|       | 3600 | 575         | 213JP | UJ7S1GP        | \$1,015 | DS-3PT          | 1.25 | 23.6              | 110             | 85.5           | 7.5            |       |
|       | 1800 | 200         | 213JP | UJ7S2HP        | \$952   | DS-3PT          | 1.25 | 23.6              | 110             | 86.5           | 23.5           |       |
|       | 1800 | 208-230/460 | 213JP | UJ7S2AP        | \$952   | DS-3PT          | 1.25 | 23.6              | 112             | 86.5           | 21.9-20.3/10.1 | 16    |
|       | 1800 | 575         | 213JP | UJ7S2GP        | \$952   | DS-3PT          | 1.15 | 23.6              | 115             | 86.5           | 8.1            |       |
| 10    | 3600 | 200         | 215JP | UJ10S1HP       | \$1,212 | DS-3PT          | 1.25 | 25.1              | 132             | 88.5           | 27.7           |       |
|       | 3600 | 208-230/460 | 215JP | UJ10S1AP       | \$1,212 | DS-3PT          | 1.25 | 25.1              | 130             | 88.5           | 27.4-24.1/11.2 | 16    |
|       | 3600 | 575         | 215JP | UJ10S1GP       | \$1,212 | DS-3PT          | 1.15 | 25.1              | 124             | 88.5           | 9.5            |       |
|       | 1800 | 200         | 215JP | UJ10S2HP       | \$1,119 | DS-3PT          | 1.25 | 25.1              | 125             | 88.5           | 30.0           |       |

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

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UT1

| 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       | \$1,119 | DS-3PT          | 1.25 | 25.1              | 127             | 88.5           | 28.7-26.4/13.2 | 16    |
|    | 1800 | 575         | 215JP | UJ10S2GP       | \$1,119 | DS-3PT          | 1.25 | 25.1              | 210             | 87.5           | 10.5           |       |
| 15 | 3600 | 200-208     | 215JP | UJ15S1HFP      | \$1,365 | DS-3PT          | 1.25 | 25.1              | 157             | 87.5           | 41             |       |
|    | 3600 | 208-203/460 | 215JP | UJ15S1AFP      | \$1,365 | DS-3PT          | 1.25 | 25.1              | 145             | 87.5           | 41-36/17.9     | 16    |
|    | 3600 | 575         | 215JP | UJ15S1GFP      | \$1,365 | DS-3PT          | 1.15 | 25.1              | 180             | 88.5           | 14.3           |       |
|    | 3600 | 200         | 254JP | UJ15S1HP       | \$1,898 | DS-3PT          | 1.25 | 28.3              | 225             | 89.5           | 41             |       |
|    | 3600 | 208-230/460 | 254JP | UJ15S1AP       | \$1,898 | DS-3PT          | 1.25 | 28.3              | 236             | 87.5           | 41-36/18.1     | 16    |
|    | 3600 | 575         | 254JP | UJ15S1GP       | \$1,898 | DS-3PT          | 1.15 | 28.3              | 200             | 89.5           | 14.6           |       |
|    | 1800 | 200         | 254JP | UJ15S2HP       | \$1,676 | DS-3PT          | 1.25 | 28.3              | 227             | 88.5           | 43             |       |
|    | 1800 | 208-230/460 | 254JP | UJ15S2AP       | \$1,676 | DS-3PT          | 1.25 | 28.3              | 215             | 88.5           | 42-37/18.6     | 16    |
|    | 1800 | 575         | 254JP | UJ15S2GP       | \$1,676 | DS-3PT          | 1.25 | 28.3              | 250             | 88.5           | 14.9           |       |
| 20 | 3600 | 200         | 256JP | UJ20S1HP       | \$2,420 | DS-3PT          | 1.25 | 30.0              | 265             | 88.5           | 55             |       |
|    | 3600 | 208-230/460 | 256JP | UJ20S1AP       | \$2,420 | DS-3PT          | 1.25 | 30.0              | 230             | 88.5           | 55-48/24       | 16    |
|    | 3600 | 575         | 256JP | UJ20S1GP       | \$2,420 | DS-3PT          | 1.15 | 30.0              | 150             | 88.5           | 19.3           |       |
|    | 1800 | 200         | 256JP | UJ20S2HP       | \$1,927 | DS-3PT          | 1.25 | 30.0              | 266             | 89.5           | 56             |       |
|    | 1800 | 208-230/460 | 256JP | UJ20S2AP       | \$1,927 | DS-3PT          | 1.25 | 30.0              | 265             | 89.5           | 55-48/24       | 16    |
|    | 1800 | 575         | 256JP | UJ20S2GP       | \$1,927 | DS-3PT          | 1.25 | 30.0              | 265             | 89.5           | 19.5           |       |
| 25 | 3600 | 200-208     | 256JP | UJ25S1HFP      | \$2,704 | DS-3PT          | 1.25 | 30.0              | 243             | 88.5           | 68             |       |
|    | 3600 | 208-230/460 | 256JP | UJ25S1AFP      | \$2,704 | DS-3PT          | 1.25 | 30.0              | 245             | 89.5           | 67-59/29.3     | 16    |
|    | 3600 | 575         | 256JP | UJ25S1GFP      | \$2,704 | DS-3PT          | 1.15 | 30.0              | 220             | 89.5           | 23.5           |       |
|    | 3600 | 200         | 284JP | UJ25S1HP       | \$3,312 | DS-3PT          | 1.25 | 30.5              | 260             | 89.5           | 67             |       |
|    | 3600 | 208-230/460 | 284JP | UJ25S1AP       | \$3,312 | DS-3PT          | 1.25 | 30.5              | 260             | 89.5           | 68-58/29.2     | 16    |
|    | 3600 | 575         | 284JP | UJ25S1GP       | \$3,312 | DS-3PT          | 1.15 | 30.5              | 260             | 88.5           | 23.6           |       |
|    | 1800 | 200         | 284JP | UJ25S2HP       | \$2,769 | DS-3PT          | 1.25 | 30.5              | 298             | 90.2           | 70             |       |
|    | 1800 | 208-230/460 | 284JP | UJ25S2AP       | \$2,769 | DS-3PT          | 1.25 | 30.5              | 300             | 91.0           | 68-61/31       | 16    |
|    | 1800 | 575         | 284JP | UJ25S2GP       | \$2,769 | DS-3PT          | 1.15 | 30.5              | 300             | 91.7           | 24.5           |       |
| 30 | 3600 | 200         | 286JP | UJ30S1HP       | \$3,448 | DS-3PT          | 1.25 | 32.0              | 240             | 90.2           | 80             |       |
|    | 3600 | 208-230/460 | 286JP | UJ30S1DP       | \$3,448 | DS-3PT          | 1.25 | 32.0              | 322             | 90.2           | 80-69/35       | 16    |
|    | 3600 | 575         | 286JP | UJ30S1GP       | \$3,448 | DS-3PT          | 1.15 | 32.0              | 150             | 90.2           | 27.8           |       |
|    | 1800 | 200-208     | 286JP | UJ30S2HP       | \$2,989 | DS-3PT          | 1.25 | 32.0              | 271             | 91.0           | 85             |       |
|    | 1800 | 208-230/460 | 286JP | UJ30S2AP       | \$2,989 | DS-3PT          | 1.25 | 32.0              | 310             | 90.2           | 83-73/37       | 16    |
|    | 1800 | 575         | 286JP | UJ30S2GP       | \$2,989 | 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        | \$1,015 | DS-3PT          | 1.25 | 22.8              | 118             | 85.5           | 20.6-18.7/9.3  | 16    |
|       | 1800 | 208-230/460 | 213TCZ | UJ7S2AJ        | \$952   | DS-3PT          | 1.25 | 22.8              | 109             | 86.5           | 21.9-20.3/10.1 | 16    |
| 10    | 3600 | 208-230/460 | 215TCZ | UJ10S1AJ       | \$1,212 | DS-3PT          | 1.25 | 24.3              | 120             | 88.5           | 27.4-24.1/12   | 16    |
|       | 1800 | 208-230/460 | 215TCZ | UJ10S2AJ       | \$1,119 | DS-3PT          | 1.25 | 24.3              | 115             | 88.5           | 28.7-26.4/13.2 | 16    |
| 15    | 3600 | 208-230/460 | 215TCZ | UJ15S1AJ       | \$1,365 | DS-3PT          | 1.25 | 25.3              | 145             | 88.5           | 41-36/17.9     | 16    |

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