

# **FPS**



## **50 Hz 8" STS SERIES** Submersible Turbine Pumps





## FEATURES

- Premium ductile iron casting for longer life and higher pressures
- Longer discharge and motor bracket bearings for increased pump life
- Spiral cutlass rubber intermediate bearings designed for abrasive environments
- 416 stainless steel pump shaft ground and polished for maximum durability
- Investment cast stainless steel impellers for maximum abrasion resistance
- Custom pumps available

## SPECIFICATIONS

- 8" – 42, 52, 66, 85, 105, 141, 190 m<sup>3</sup>/h

## MODEL NO. EXPLANATION

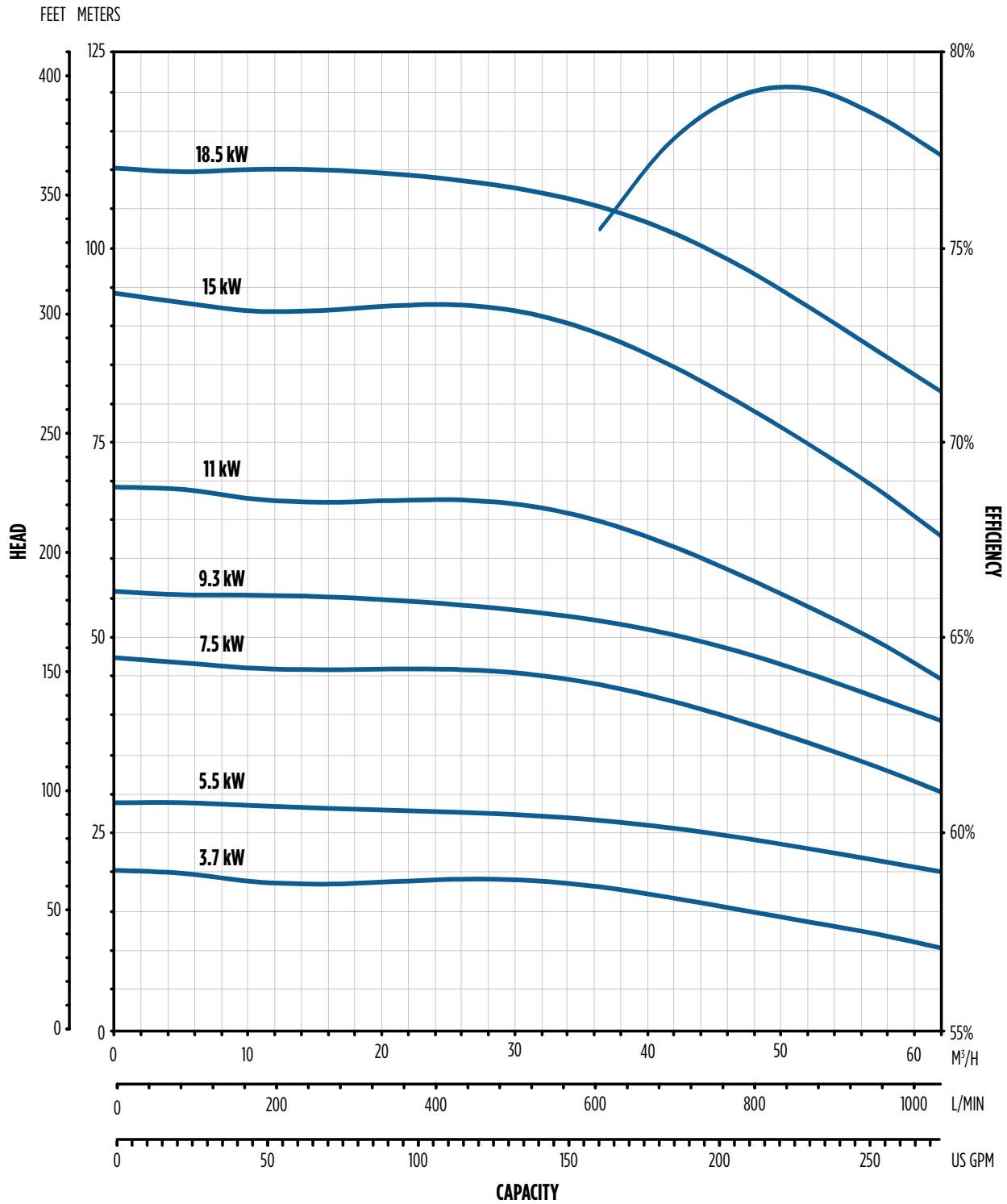
Example: 105STS18D8X-0566

- 105= Flow series m<sup>3</sup>/h
- STS = Series (Sub Turbine)
- 18 = Motor kW (18.5)
- D = Ductile iron
- 8 = Pump diameter (8")
- X = Impeller trim configuration
- 05 = Number of stages
- 6 = Motor size (6")
- 6 = Discharge size (6")

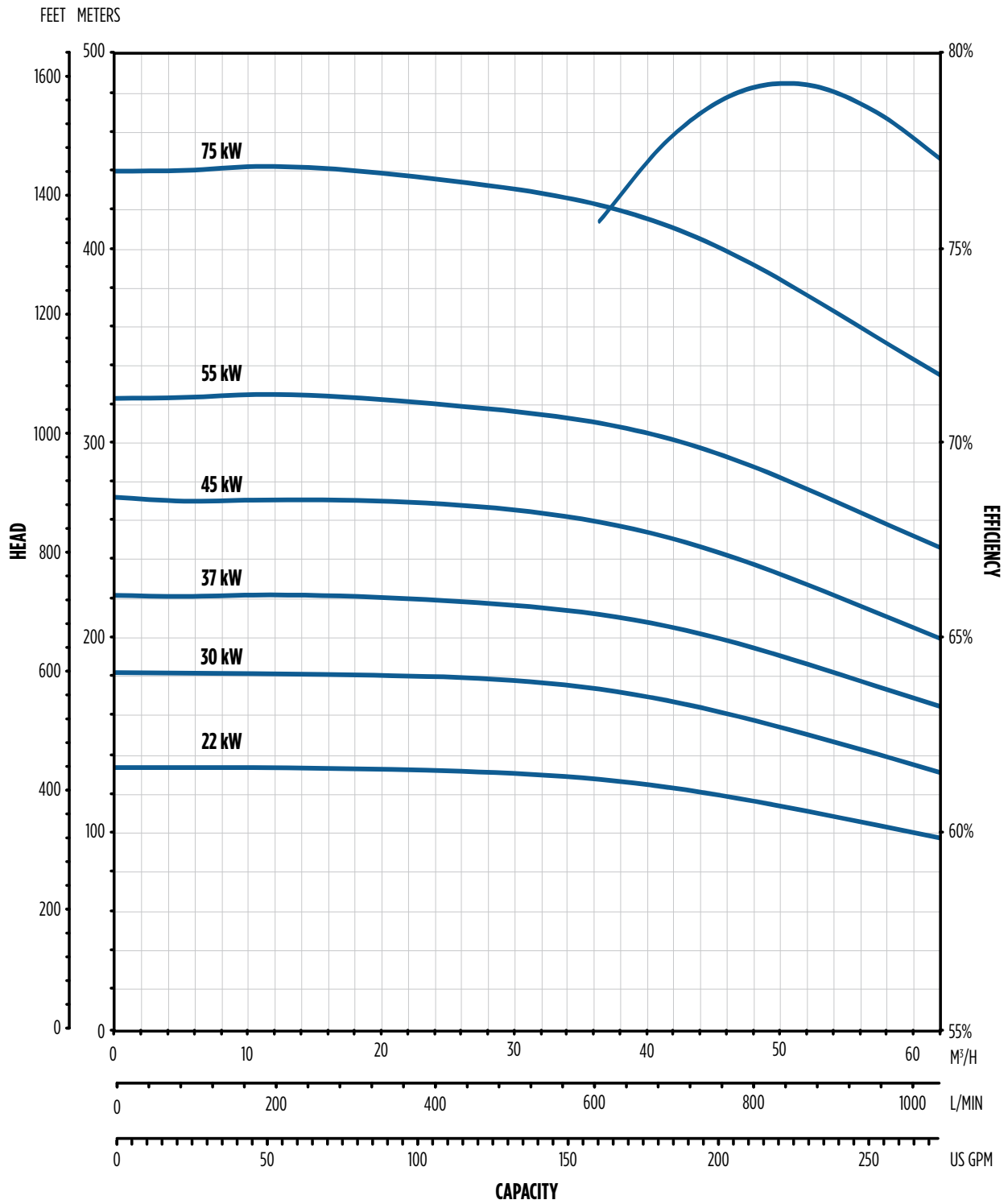


# 50 Hz 62STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 52 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm



*Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm*

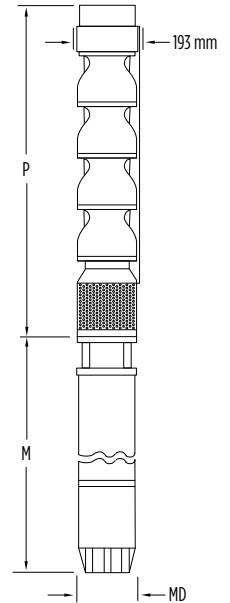
# 50 Hz 52STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 52 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim    | Motor Size | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|---------|------------|-----------------|------|-----|----------------|---------------|
|      |        |         |            | P               | M*   | D*  |                |               |
| 3.7  | 1      | 1C      | 6"         | 605             | 582  | 138 | 39             | 43.1          |
| 5.5  | 1      | 1A      | 6"         | 605             | 615  | 138 | 44.9           | 43.1          |
| 7.5  | 2      | 1B, 1C  | 6"         | 745             | 645  | 138 | 46.7           | 55.3          |
| 9.3  | 2      | 1A, 1B  | 6"         | 745             | 678  | 138 | 49.3           | 55.3          |
| 11   | 3      | 1A, 2C  | 6"         | 885             | 711  | 138 | 51.7           | 68            |
| 15   | 4      | 2B, 2C  | 6"         | 1025            | 777  | 138 | 57.2           | 80.3          |
| 18.5 | 4      | 2A, 2B  | 6"         | 1025            | 841  | 138 | 63.5           | 80.3          |
| 22   | 5      | 4A, 1C  | 6"         | 1165            | 907  | 138 | 69.9           | 92.5          |
| 30   | 7      | 5A, 2C  | 6"         | 1445            | 1036 | 138 | 82.6           | 105.2         |
| 30   | 7      | 4A, 3C  | 8"         | 1480            | 925  | 196 | 124.3          | 115.2         |
| 37   | 8      | 5A, 3B  | 6"         | 1585            | 1405 | 138 | 119.3          | 129.7         |
| 37   | 8      | 8B      | 8"         | 1620            | 1001 | 196 | 140.2          | 140.2         |
| 45   | 10     | 3A, 7B  | 6"         | 1865            | 1557 | 138 | 132            | 142           |
| 45   | 10     | 7A, 3C  | 8"         | 1900            | 1069 | 196 | 156            | 152.4         |
| 55   | 11     | 10A, 1B | 8"         | 2040            | 1204 | 196 | 181            | 177.4         |
| 75   | 15     | 13A, 2B | 8"         | 2600            | 1394 | 196 | 218.2          | 226.8         |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim    | Motor | Discharge | Order No.   | Model No.        | Ship Wt. [kg] |
|------|--------|---------|-------|-----------|-------------|------------------|---------------|
| 3.7  | 1      | 1C      | 6"    | 4" BSPP   | 97080052001 | 52STS3D8C5-0164  | 50.3          |
| 3.7  | 1      | 1C      | 6"    | 6" BSPP   | 97080052101 | 52STS3D8C5-0166  | 50.3          |
| 5.5  | 1      | 1A      | 6"    | 4" BSPP   | 97080052201 | 52STS5D8A5-0164  | 50.3          |
| 5.5  | 1      | 1A      | 6"    | 6" BSPP   | 97080052301 | 52STS5D8A5-0166  | 50.3          |
| 7.5  | 2      | 1B, 1C  | 6"    | 4" BSPP   | 97080052002 | 52STS7D8X5-0264  | 63.5          |
| 7.5  | 2      | 1B, 1C  | 6"    | 6" BSPP   | 97080052102 | 52STS7D8X5-0266  | 63.5          |
| 9.3  | 2      | 1A, 1B  | 6"    | 4" BSPP   | 97080052202 | 52STS9D8X5-0264  | 63.5          |
| 9.3  | 2      | 1A, 1B  | 6"    | 6" BSPP   | 97080052302 | 52STS9D8X5-0266  | 63.5          |
| 11   | 3      | 1A, 2C  | 6"    | 4" BSPP   | 97080052003 | 52STS11D8X5-0364 | 77.6          |
| 11   | 3      | 1A, 2C  | 6"    | 6" BSPP   | 97080052103 | 52STS11D8X5-0366 | 77.6          |
| 15   | 4      | 2B, 2C  | 6"    | 4" BSPP   | 97080052004 | 52STS15D8X5-0464 | 77.6          |
| 15   | 4      | 2B, 2C  | 6"    | 6" BSPP   | 97080052104 | 52STS15D8X5-0466 | 77.6          |
| 18.5 | 4      | 2A, 2B  | 6"    | 4" BSPP   | 97080052204 | 52STS18D8X5-0464 | 89.8          |
| 18.5 | 4      | 2A, 2B  | 6"    | 6" BSPP   | 97080052304 | 52STS18D8X5-0466 | 89.8          |
| 22   | 5      | 4A, 1C  | 6"    | 4" BSPP   | 97080052005 | 52STS22D8X5-0564 | 103.4         |
| 22   | 5      | 4A, 1C  | 6"    | 6" BSPP   | 97080052105 | 52STS22D8X5-0566 | 103.4         |
| 30   | 7      | 5A, 2C  | 6"    | 4" BSPP   | 97080052007 | 52STS30D8X5-0764 | 117.9         |
| 30   | 7      | 5A, 2C  | 6"    | 6" BSPP   | 97080052107 | 52STS30D8X5-0766 | 117.9         |
| 30   | 7      | 4A, 3C  | 8"    | 4" BSPP   | 97080052807 | 52STS30D8X5-0784 | 127.9         |
| 30   | 7      | 4A, 3C  | 8"    | 6" BSPP   | 97080052907 | 52STS30D8X5-0786 | 127.9         |
| 37   | 8      | 5A, 3B  | 6"    | 4" BSPP   | 97080052008 | 52STS37D8X5-0864 | 159.2         |
| 37   | 8      | 5A, 3B  | 6"    | 6" BSPP   | 97080052108 | 52STS37D8X5-0866 | 159.2         |
| 37   | 8      | 8B      | 8"    | 4" BSPP   | 97080052808 | 52STS37D8B5-0884 | 169.6         |
| 37   | 8      | 8B      | 8"    | 6" BSPP   | 97080052908 | 52STS37D8B5-0886 | 169.6         |
| 45   | 10     | 3A, 7B  | 6"    | 4" BSPP   | 97080052010 | 52STS45D8X5-1064 | 171.5         |
| 45   | 10     | 3A, 7B  | 6"    | 6" BSPP   | 97080052110 | 52STS45D8X5-1066 | 171.5         |
| 45   | 10     | 7A, 3C  | 8"    | 4" BSPP   | 97080052810 | 52STS45D8X5-1084 | 181.9         |
| 45   | 10     | 7A, 3C  | 8"    | 6" BSPP   | 97080052910 | 52STS45D8X5-1086 | 181.9         |
| 55   | 11     | 10A, 1B | 8"    | 4" BSPP   | 97080052811 | 52STS55D8X5-1184 | 212.3         |
| 55   | 11     | 10A, 1B | 8"    | 6" BSPP   | 97080052911 | 52STS55D8X5-1186 | 212.3         |
| 75   | 15     | 13A, 2B | 8"    | 4" BSPP   | 97080052815 | 52STS75D8X5-1584 | 272.6         |
| 75   | 15     | 13A, 2B | 8"    | 6" BSPP   | 97080052915 | 52STS75D8X5-1586 | 272.6         |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

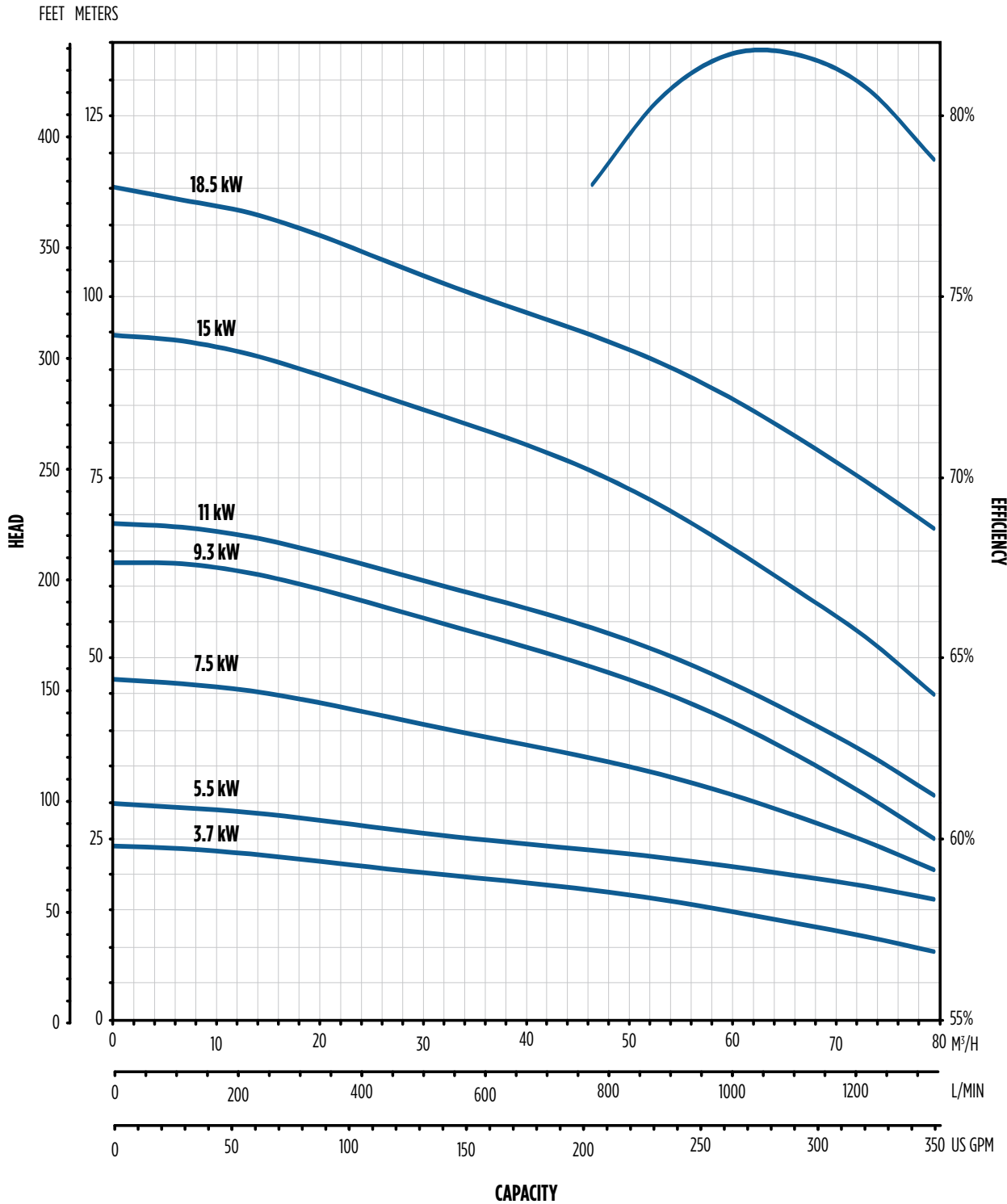
## MATERIALS

| Part                       | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

*Note: Contact customer service for available bowl bearing and shaft options.*

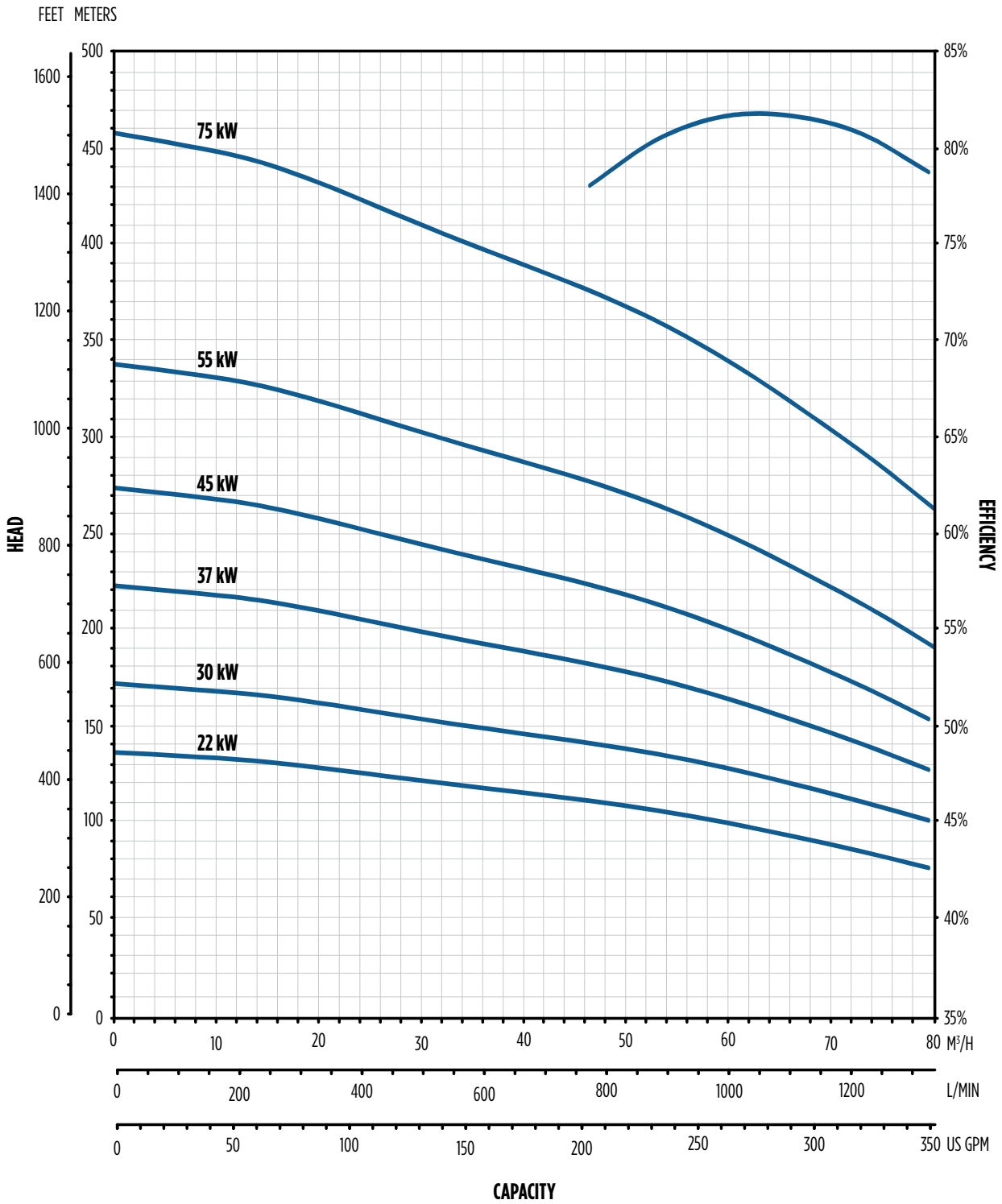
# 50 Hz 66STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 66 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm





*Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm*

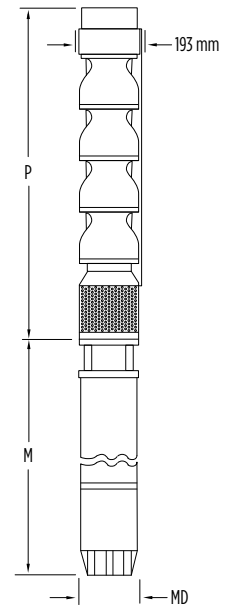
# 50 Hz 66STS SERIES Submersible Turbine Pumps

INFORMATION - 8" 66 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim       | Motor | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|------------|-------|-----------------|------|-----|----------------|---------------|
|      |        |            |       | P               | M*   | MD* |                |               |
| 3.7  | 1      | 1B         | 6"    | 627             | 582  | 138 | 39             | 42.6          |
| 5.5  | 1      | 1A         | 6"    | 627             | 615  | 138 | 44.9           | 42.6          |
| 7.5  | 2      | 1A, 1C     | 6"    | 789             | 645  | 138 | 46.7           | 56.2          |
| 9.3  | 3      | 1A, 2C     | 6"    | 951             | 678  | 138 | 49.3           | 69.9          |
| 11   | 3      | 1A, 1B, 1C | 6"    | 951             | 711  | 138 | 51.7           | 69.9          |
| 15   | 4      | 1A, 3B     | 6"    | 1113            | 777  | 138 | 57.2           | 83.5          |
| 18.5 | 4      | 4A         | 6"    | 1113            | 841  | 138 | 63.5           | 83.5          |
| 22   | 5      | 4A, 1B     | 6"    | 1275            | 907  | 138 | 69.9           | 96.6          |
| 30   | 6      | 6A         | 6"    | 1437            | 1036 | 138 | 82.6           | 110.2         |
| 30   | 6      | 6A         | 8"    | 1472            | 925  | 196 | 124.3          | 121.1         |
| 37   | 8      | 7A, 1B     | 6"    | 1761            | 1405 | 138 | 119.3          | 137           |
| 37   | 8      | 6A, 2B     | 8"    | 1796            | 1001 | 196 | 140.2          | 147.9         |
| 45   | 10     | 8A, 2B     | 6"    | 2085            | 1557 | 138 | 132            | 164.2         |
| 45   | 10     | 7A, 3B     | 8"    | 2120            | 1069 | 196 | 156            | 174.6         |
| 55   | 12     | 9A, 3B     | 8"    | 2444            | 1204 | 196 | 181            | 201.8         |
| 75   | 16     | 13A, 3B    | 8"    | 3092            | 1394 | 196 | 218.2          | 241.8         |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim       | Motor | Discharge | Order No.   | Model No.        | Ship Wt. [kg] |
|------|--------|------------|-------|-----------|-------------|------------------|---------------|
| 3.7  | 1      | 1B         | 6"    | 4" BSPP   | 97080066001 | 66STS3D8B5-0164  | 49.9          |
| 3.7  | 1      | 1B         | 6"    | 6" BSPP   | 97080066101 | 66STS3D8B5-0166  | 49.9          |
| 5.5  | 1      | 1A         | 6"    | 4" BSPP   | 97080066201 | 66STS5D8A5-0164  | 49.9          |
| 5.5  | 1      | 1A         | 6"    | 6" BSPP   | 97080066301 | 66STS5D8A5-0166  | 49.9          |
| 7.5  | 2      | 1A, 1C     | 6"    | 4" BSPP   | 97080066002 | 66STS7D8X5-0264  | 64.4          |
| 7.5  | 2      | 1A, 1C     | 6"    | 6" BSPP   | 97080066102 | 66STS7D8X5-0266  | 64.4          |
| 9.3  | 3      | 1A, 2C     | 6"    | 4" BSPP   | 97080066203 | 66STS9D8X5-0364  | 79.4          |
| 9.3  | 3      | 1A, 2C     | 6"    | 6" BSPP   | 97080066303 | 66STS9D8X5-0366  | 79.4          |
| 11   | 3      | 1A, 1B, 1C | 6"    | 4" BSPP   | 97080066003 | 66STS11D8X5-0364 | 79.4          |
| 11   | 3      | 1A, 1B, 1C | 6"    | 6" BSPP   | 97080066103 | 66STS11D8X5-0366 | 79.4          |
| 15   | 4      | 1A, 3B     | 6"    | 4" BSPP   | 97080066004 | 66STS15D8X5-0364 | 94.3          |
| 15   | 4      | 1A, 3B     | 6"    | 6" BSPP   | 97080066104 | 66STS15D8X5-0366 | 94.3          |
| 18.5 | 4      | 4A         | 6"    | 4" BSPP   | 97080066204 | 66STS18D8A5-0464 | 94.3          |
| 18.5 | 4      | 4A         | 6"    | 6" BSPP   | 97080066304 | 66STS18D8A5-0466 | 94.3          |
| 22   | 5      | 4A, 1B     | 6"    | 4" BSPP   | 97080066005 | 66STS22D8X5-0564 | 109.3         |
| 22   | 5      | 4A, 1B     | 6"    | 6" BSPP   | 97080066105 | 66STS22D8X5-0566 | 109.3         |
| 30   | 6      | 6A         | 6"    | 4" BSPP   | 97080066006 | 66STS30D8A5-0664 | 122.9         |
| 30   | 6      | 6A         | 6"    | 6" BSPP   | 97080066106 | 66STS30D8A5-0666 | 122.9         |
| 30   | 6      | 6A         | 8"    | 4" BSPP   | 97080066806 | 66STS30D8A5-0684 | 133.8         |
| 30   | 6      | 6A         | 8"    | 6" BSPP   | 97080066906 | 66STS30D8A5-0686 | 133.8         |
| 37   | 8      | 7A, 1B     | 6"    | 4" BSPP   | 97080066008 | 66STS37D8X5-0864 | 151           |
| 37   | 8      | 7A, 1B     | 6"    | 6" BSPP   | 97080066108 | 66STS37D8X5-0866 | 151           |
| 37   | 8      | 6A, 2B     | 8"    | 4" BSPP   | 97080066808 | 66STS37D8X5-0884 | 161.9         |
| 37   | 8      | 6A, 2B     | 8"    | 6" BSPP   | 97080066908 | 66STS37D8X5-0886 | 161.9         |
| 45   | 10     | 8A, 2B     | 6"    | 4" BSPP   | 97080066010 | 66STS45D8X5-1064 | 185.5         |
| 45   | 10     | 8A, 2B     | 6"    | 6" BSPP   | 97080066110 | 66STS45D8X5-1066 | 185.5         |
| 45   | 10     | 7A, 3B     | 8"    | 4" BSPP   | 97080066810 | 66STS45D8X5-1084 | 196.4         |
| 45   | 10     | 7A, 3B     | 8"    | 6" BSPP   | 97080066910 | 66STS45D8X5-1086 | 196.4         |
| 55   | 12     | 9A, 3B     | 8"    | 4" BSPP   | 97080066812 | 66STS55D8X5-1284 | 228.6         |
| 55   | 12     | 9A, 3B     | 8"    | 6" BSPP   | 97080066912 | 66STS55D8X5-1286 | 228.6         |
| 75   | 16     | 13A, 3B    | 8"    | 4" BSPP   | 97080066816 | 66STS75D8X5-1684 | 290.8         |
| 75   | 16     | 13A, 3B    | 8"    | 6" BSPP   | 97080066916 | 66STS75D8X5-1686 | 290.8         |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

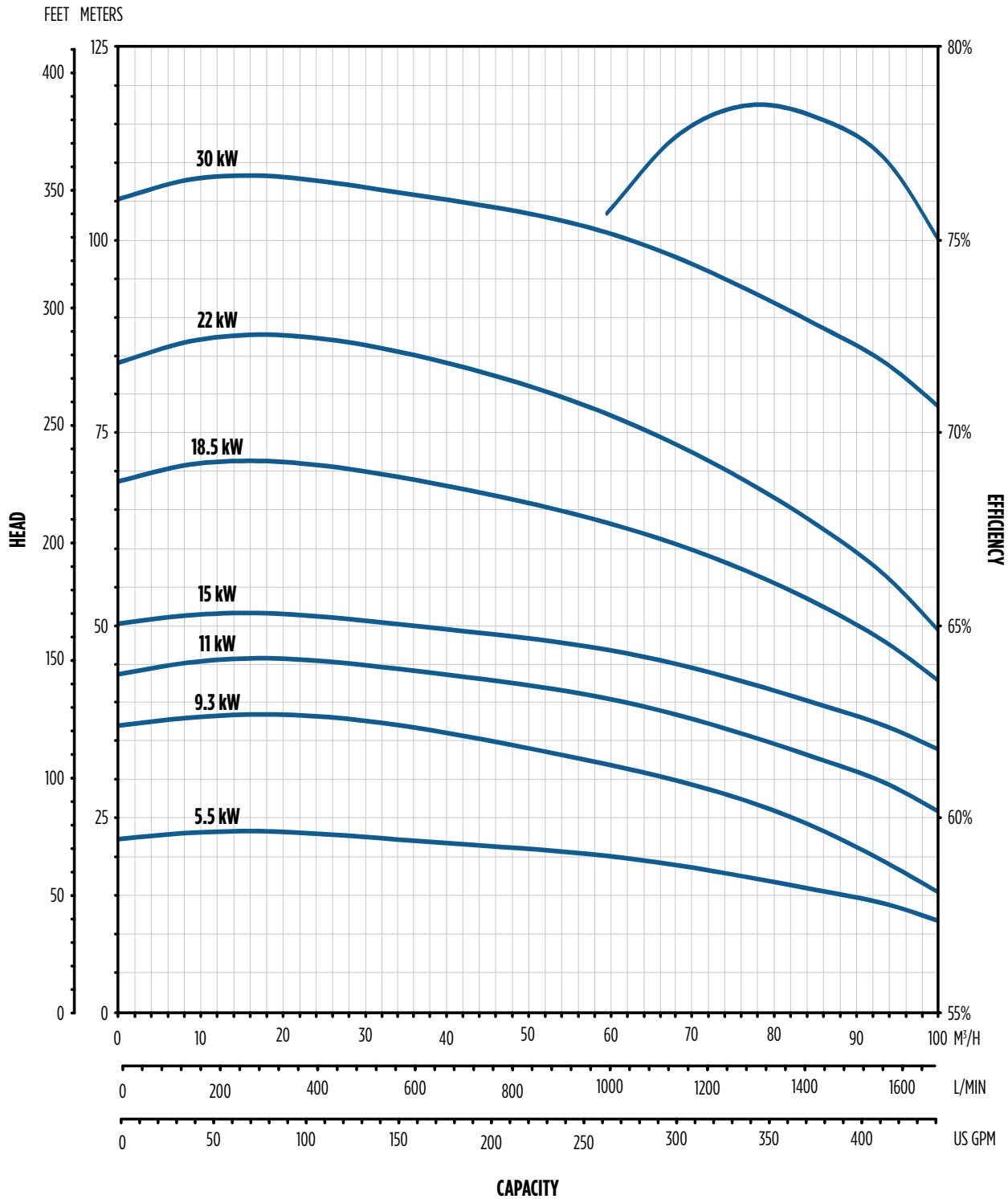
## MATERIALS

| Part                       | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

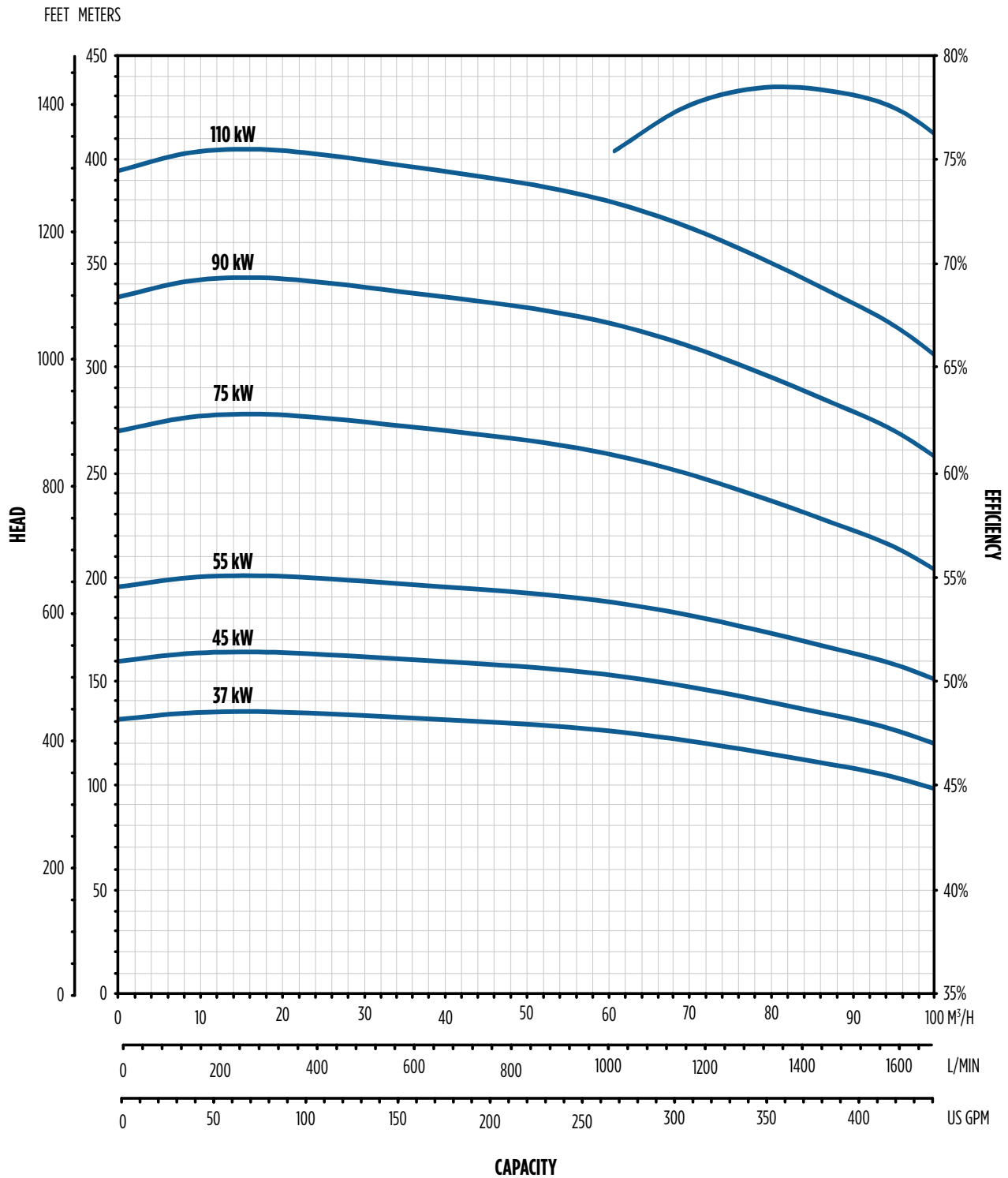
*Note: Contact customer service for available bowl bearing and shaft options.*

# 50 Hz 85STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 85 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm

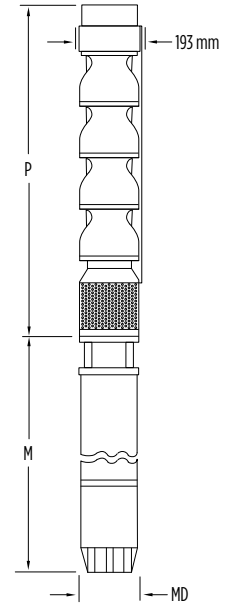
# 50 Hz 85STS SERIES Submersible Turbine Pumps

INFORMATION - 8" 85 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim       | Motor | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|------------|-------|-----------------|------|-----|----------------|---------------|
|      |        |            |       | P               | M*   | MD* |                |               |
| 5.5  | 1      | 1B         | 6"    | 627             | 615  | 138 | 44.9           | 42.6          |
| 9.3  | 2      | 2C         | 6"    | 789             | 678  | 138 | 49.3           | 56.2          |
| 11   | 2      | 2B         | 6"    | 789             | 711  | 138 | 51.7           | 56.2          |
| 15   | 2      | 1A, 1B     | 6"    | 789             | 777  | 138 | 57.2           | 56.2          |
| 18.5 | 3      | 1A, 1B, 1C | 6"    | 951             | 841  | 138 | 63.5           | 69.9          |
| 22   | 4      | 3B, 1C     | 6"    | 1113            | 907  | 138 | 69.9           | 83.5          |
| 30   | 4      | 3A, 1B     | 6"    | 1113            | 1036 | 138 | 82.6           | 83.5          |
| 30   | 4      | 3A, 1B     | 8"    | 1148            | 925  | 196 | 124.3          | 94.3          |
| 37   | 5      | 4A, 1B     | 6"    | 1275            | 1405 | 138 | 119.3          | 96.6          |
| 37   | 5      | 4A, 1C     | 8"    | 1310            | 1001 | 196 | 140.2          | 108           |
| 45   | 6      | 5A, 1B     | 6"    | 1437            | 1557 | 138 | 132            | 110.2         |
| 45   | 6      | 5A, 1C     | 8"    | 1472            | 1069 | 196 | 156            | 121.1         |
| 55   | 7      | 6A, 1B     | 8"    | 1634            | 1204 | 196 | 181            | 134.7         |
| 75   | 10     | 7A, 3B     | 8"    | 2120            | 1394 | 196 | 218.2          | 161.5         |
| 93   | 12     | 10A, 2B    | 8"    | 2444            | 1748 | 196 | 291.9          | 188.2         |
| 110  | 14     | 13A, 1C    | 8"    | 2768            | 1204 | 196 | 340            | 239           |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim       | Motor | Discharge | Order No.   | Model No.         | Ship Wt. [kg] |
|------|--------|------------|-------|-----------|-------------|-------------------|---------------|
| 5.5  | 1      | 1B         | 6"    | 4" BSPP   | 97080085001 | 85STS5D8B5-0164   | 49.9          |
| 5.5  | 1      | 1B         | 6"    | 6" BSPP   | 97080085101 | 85STS5D8B5-0166   | 49.9          |
| 9.3  | 2      | 2C         | 6"    | 4" BSPP   | 97080085002 | 85STS9D8C5-0264   | 64.4          |
| 9.3  | 2      | 2C         | 6"    | 6" BSPP   | 97080085102 | 85STS9D8C5-0266   | 64.4          |
| 11   | 2      | 2B         | 6"    | 4" BSPP   | 97080085202 | 85STS11D8B5-0264  | 64.4          |
| 11   | 2      | 2B         | 6"    | 6" BSPP   | 97080085302 | 85STS11D8B5-0266  | 64.4          |
| 15   | 2      | 1A, 1B     | 6"    | 4" BSPP   | 97080085402 | 85STS15D8X5-0264  | 64.4          |
| 15   | 2      | 1A, 1B     | 6"    | 6" BSPP   | 97080085502 | 85STS15D8X5-0266  | 64.4          |
| 18.5 | 3      | 1A, 1B, 1C | 6"    | 4" BSPP   | 97080085003 | 85STS18D8X5-0364  | 79.4          |
| 18.5 | 3      | 1A, 1B, 1C | 6"    | 6" BSPP   | 97080085103 | 85STS18D8X5-0366  | 79.4          |
| 22   | 4      | 3B, 1C     | 6"    | 4" BSPP   | 97080085004 | 85STS22D8X5-0464  | 79.4          |
| 22   | 4      | 3B, 1C     | 6"    | 6" BSPP   | 97080085104 | 85STS22D8X5-0466  | 79.4          |
| 30   | 4      | 3A, 1B     | 6"    | 4" BSPP   | 97080085204 | 85STS30D8X5-0464  | 94.3          |
| 30   | 4      | 3A, 1B     | 6"    | 6" BSPP   | 97080085304 | 85STS30D8X5-0466  | 94.3          |
| 30   | 4      | 3A, 1B     | 8"    | 4" BSPP   | 97080085804 | 85STS30D8X5-0484  | 105.2         |
| 30   | 4      | 3A, 1B     | 8"    | 6" BSPP   | 97080085904 | 85STS30D8X5-0486  | 105.2         |
| 37   | 5      | 4A, 1B     | 6"    | 4" BSPP   | 97080085005 | 85STS37D8X5-0564  | 109.3         |
| 37   | 5      | 4A, 1B     | 6"    | 6" BSPP   | 97080085105 | 85STS37D8X5-0566  | 109.3         |
| 37   | 5      | 4A, 1C     | 8"    | 4" BSPP   | 97080085805 | 85STS37D8X5-0584  | 120.7         |
| 37   | 5      | 4A, 1C     | 8"    | 6" BSPP   | 97080085905 | 85STS37D8X5-0586  | 120.7         |
| 45   | 6      | 5A, 1B     | 6"    | 4" BSPP   | 97080085006 | 85STS45D8X5-0664  | 122.9         |
| 45   | 6      | 5A, 1B     | 6"    | 6" BSPP   | 97080085106 | 85STS45D8X5-0666  | 122.9         |
| 45   | 6      | 5A, 1C     | 8"    | 4" BSPP   | 97080085806 | 85STS45D8X5-0684  | 133.8         |
| 45   | 6      | 5A, 1C     | 8"    | 6" BSPP   | 97080085906 | 85STS45D8X5-0686  | 133.8         |
| 55   | 7      | 6A, 1B     | 8"    | 4" BSPP   | 97080085807 | 85STS55D8X5-0784  | 148.8         |
| 55   | 7      | 6A, 1B     | 8"    | 6" BSPP   | 97080085907 | 85STS55D8X5-0786  | 148.8         |
| 75   | 10     | 7A, 3B     | 8"    | 4" BSPP   | 97080085810 | 85STS75D8X5-1084  | 196.4         |
| 75   | 10     | 7A, 3B     | 8"    | 6" BSPP   | 97080085910 | 85STS75D8X5-1086  | 196.4         |
| 93   | 12     | 10A, 2B    | 8"    | 4" BSPP   | 97080085812 | 85STS90D8X5-1284  | 228.6         |
| 93   | 12     | 10A, 2B    | 8"    | 6" BSPP   | 97080085912 | 85STS90D8X5-1286  | 228.6         |
| 110  | 14     | 13A, 1C    | 8"    | 4" BSPP   | 97080085814 | 85STS110D8X5-1484 | 284.9         |
| 110  | 14     | 13A, 1C    | 8"    | 6" BSPP   | 97080085914 | 85STS110D8X5-1486 | 284.9         |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

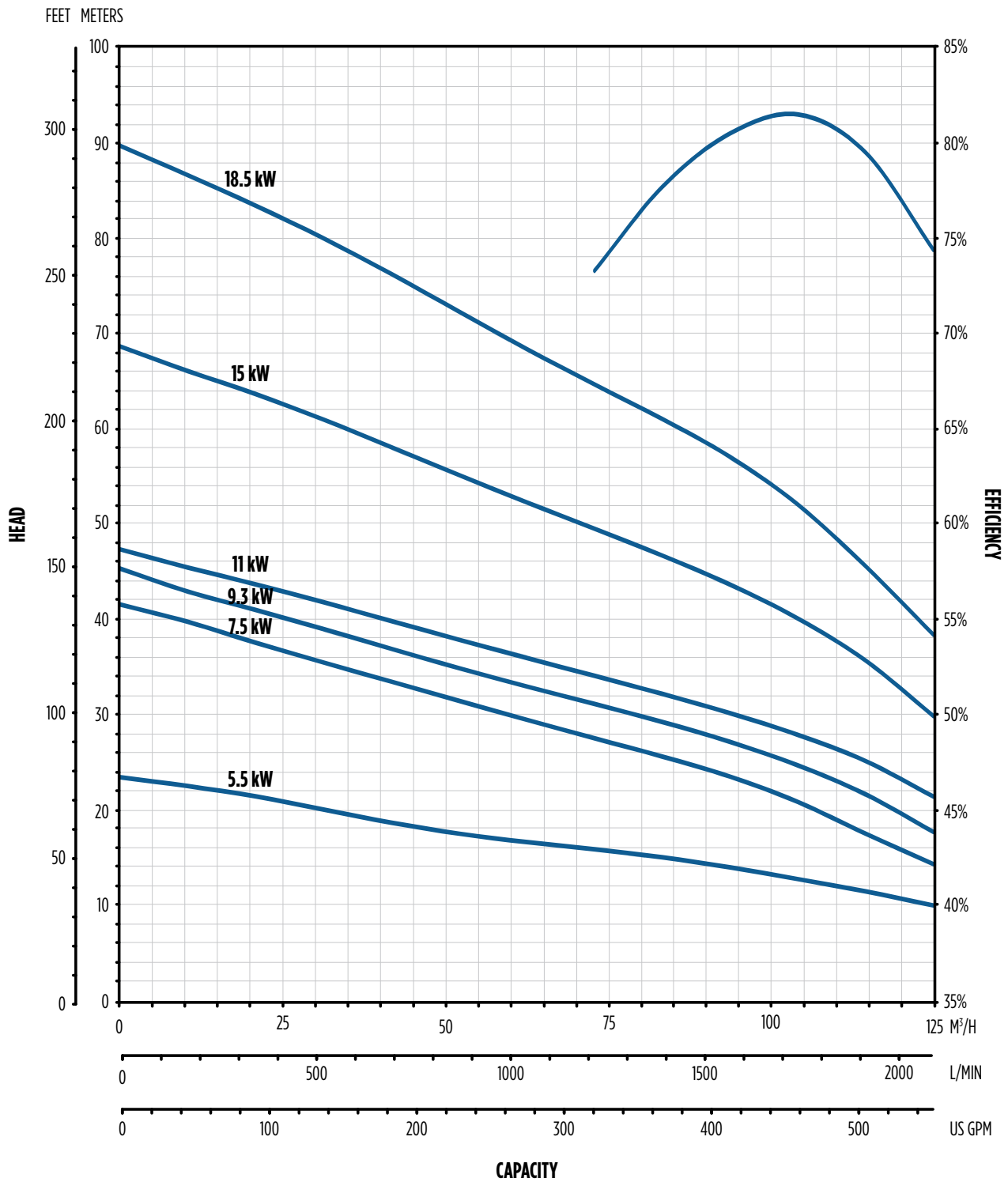
## MATERIALS

| Part Name                  | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

*Note: Contact customer service for available bowl bearing and shaft options.*

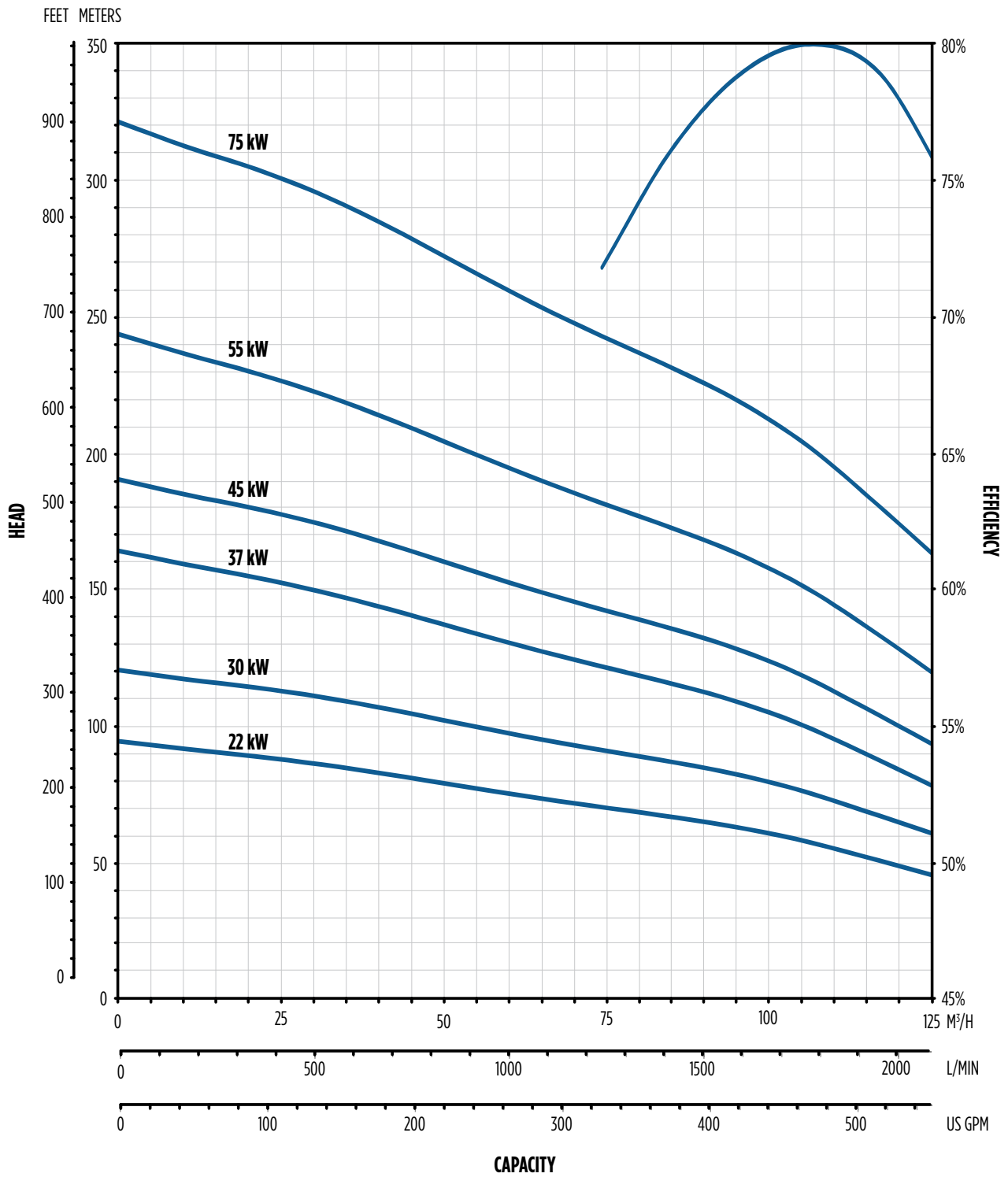
# 50 Hz 105STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 105 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm





Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm

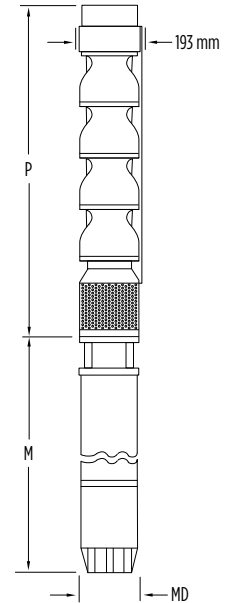
# 50 Hz 105STS SERIES Submersible Turbine Pumps

INFORMATION - 8" 105 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim    | Motor | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|---------|-------|-----------------|------|-----|----------------|---------------|
|      |        |         |       | P               | M*   | MD* |                |               |
| 5.5  | 1      | 1B      | 6"    | 645             | 615  | 138 | 44.9           | 43.1          |
| 7.5  | 2      | 2C      | 6"    | 825             | 645  | 138 | 46.7           | 56.7          |
| 9.3  | 2      | 2B      | 6"    | 825             | 678  | 138 | 49.3           | 56.7          |
| 11   | 2      | 1A, 1B  | 6"    | 825             | 711  | 138 | 51.7           | 56.7          |
| 15   | 3      | 1A, 2B  | 6"    | 1005            | 777  | 138 | 57.2           | 70.3          |
| 18.5 | 4      | 1A, 3B  | 6"    | 1185            | 841  | 138 | 63.5           | 83.9          |
| 22   | 4      | 3A, 1B  | 6"    | 1185            | 907  | 138 | 69.9           | 83.9          |
| 30   | 5      | 5A      | 6"    | 1365            | 1036 | 138 | 82.6           | 97.5          |
| 30   | 5      | 5A      | 8"    | 1400            | 925  | 196 | 124.3          | 108.9         |
| 37   | 7      | 5A, 2B  | 6"    | 1725            | 1405 | 138 | 119.3          | 124.7         |
| 37   | 7      | 4A 3B   | 8"    | 1760            | 1001 | 196 | 140.2          | 136.1         |
| 45   | 8      | 7A 1B   | 6"    | 1905            | 1557 | 138 | 132            | 138.3         |
| 45   | 8      | 6A, 2B  | 8"    | 1940            | 1069 | 196 | 156            | 150.1         |
| 55   | 10     | 7A, 3B  | 8"    | 2300            | 1204 | 196 | 181            | 177.4         |
| 75   | 13     | 12A, 1C | 8"    | 2840            | 1394 | 196 | 218.2          | 218.6         |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim    | Motor | Discharge | Order No.   | Model No.         | Ship Wt. [kg] |
|------|--------|---------|-------|-----------|-------------|-------------------|---------------|
| 5.5  | 1      | 1B      | 6"    | 4" BSPP   | 97080105001 | 105STS5D8B5-0164  | 50.3          |
| 5.5  | 1      | 1B      | 6"    | 6" BSPP   | 97080105101 | 105STS5D8B5-0166  | 50.3          |
| 7.5  | 2      | 2C      | 6"    | 4" BSPP   | 97080105002 | 105STS7D8C5-0264  | 64.9          |
| 7.5  | 2      | 2C      | 6"    | 6" BSPP   | 97080105102 | 105STS7D8C5-0266  | 64.9          |
| 9.3  | 2      | 2B      | 6"    | 4" BSPP   | 97080105202 | 105STS9D8B5-0264  | 64.9          |
| 9.3  | 2      | 2B      | 6"    | 6" BSPP   | 97080105302 | 105STS9D8B5-0266  | 64.9          |
| 11   | 2      | 1A, 1B  | 6"    | 4" BSPP   | 97080105402 | 105STS11D8A5-0264 | 64.9          |
| 11   | 2      | 1A, 1B  | 6"    | 6" BSPP   | 97080105502 | 105STS11D8A5-0266 | 64.9          |
| 15   | 3      | 1A, 2B  | 6"    | 4" BSPP   | 97080105003 | 105STS15D8X5-0364 | 79.8          |
| 15   | 3      | 1A, 2B  | 6"    | 6" BSPP   | 97080105103 | 105STS15D8X5-0366 | 79.8          |
| 18.5 | 4      | 1A, 3B  | 6"    | 4" BSPP   | 97080105203 | 105STS18D8X5-0464 | 94.8          |
| 18.5 | 4      | 1A, 3B  | 6"    | 6" BSPP   | 97080105303 | 105STS18D8X5-0466 | 94.8          |
| 22   | 4      | 3A, 1B  | 6"    | 4" BSPP   | 97080105004 | 105STS22D8X5-0464 | 110.2         |
| 22   | 4      | 3A, 1B  | 6"    | 6" BSPP   | 97080105104 | 105STS22D8X5-0466 | 110.2         |
| 30   | 5      | 5A      | 6"    | 4" BSPP   | 97080105005 | 105STS30D8A5-0564 | 125.2         |
| 30   | 5      | 5A      | 6"    | 6" BSPP   | 97080105105 | 105STS30D8A5-0566 | 125.2         |
| 30   | 5      | 5A      | 8"    | 4" BSPP   | 97080105805 | 105STS30D8A5-0584 | 136.5         |
| 30   | 5      | 5A      | 8"    | 6" BSPP   | 97080105905 | 105STS30D8A5-0586 | 136.5         |
| 37   | 7      | 5A, 2B  | 6"    | 4" BSPP   | 97080105007 | 105STS37D8X5-0764 | 138.8         |
| 37   | 7      | 5A, 2B  | 6"    | 6" BSPP   | 97080105107 | 105STS37D8X5-0766 | 138.8         |
| 37   | 7      | 4A 3B   | 8"    | 4" BSPP   | 97080105807 | 105STS37D8X5-0784 | 150.1         |
| 37   | 7      | 4A 3B   | 8"    | 6" BSPP   | 97080105907 | 105STS37D8X5-0786 | 150.1         |
| 45   | 8      | 7A 1B   | 6"    | 4" BSPP   | 97080105008 | 105STS45D8X5-0864 | 173.7         |
| 45   | 8      | 7A 1B   | 6"    | 6" BSPP   | 97080105108 | 105STS45D8X5-0866 | 173.7         |
| 45   | 8      | 6A, 2B  | 8"    | 4" BSPP   | 97080105808 | 105STS45D8X5-0884 | 185.1         |
| 45   | 8      | 6A, 2B  | 8"    | 6" BSPP   | 97080105908 | 105STS45D8X5-0886 | 185.1         |
| 55   | 10     | 7A, 3B  | 8"    | 4" BSPP   | 97080105810 | 105STS55D8X5-1084 | 217.7         |
| 55   | 10     | 7A, 3B  | 8"    | 6" BSPP   | 97080105910 | 105STS55D8X5-1086 | 217.7         |
| 75   | 13     | 12A, 1C | 8"    | 4" BSPP   | 97080105813 | 105STS75D8X5-1384 | 264.4         |
| 75   | 13     | 12A, 1C | 8"    | 6" BSPP   | 97080105913 | 105STS75D8X5-1386 | 264.4         |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

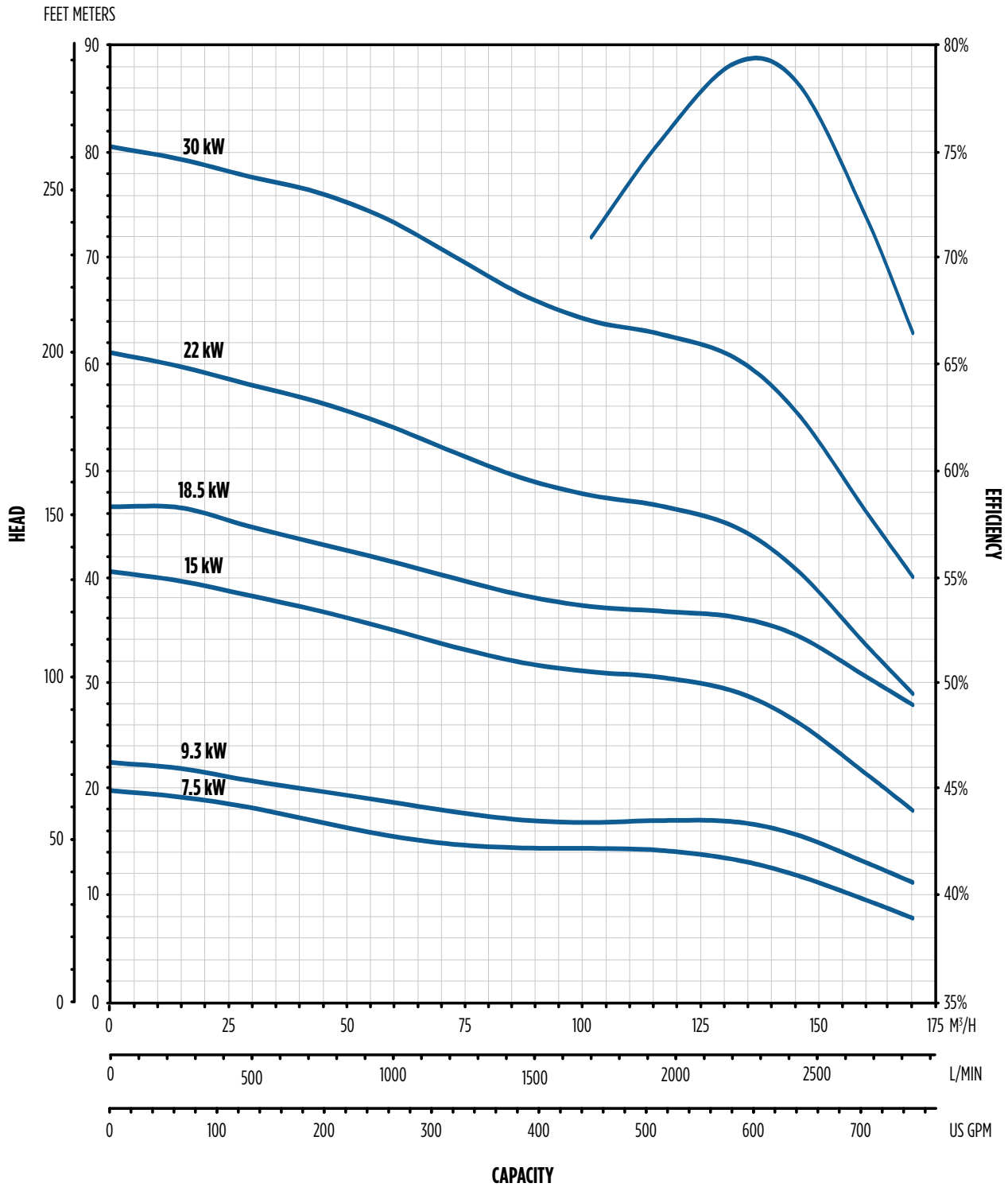
## MATERIALS

| Part Name                  | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

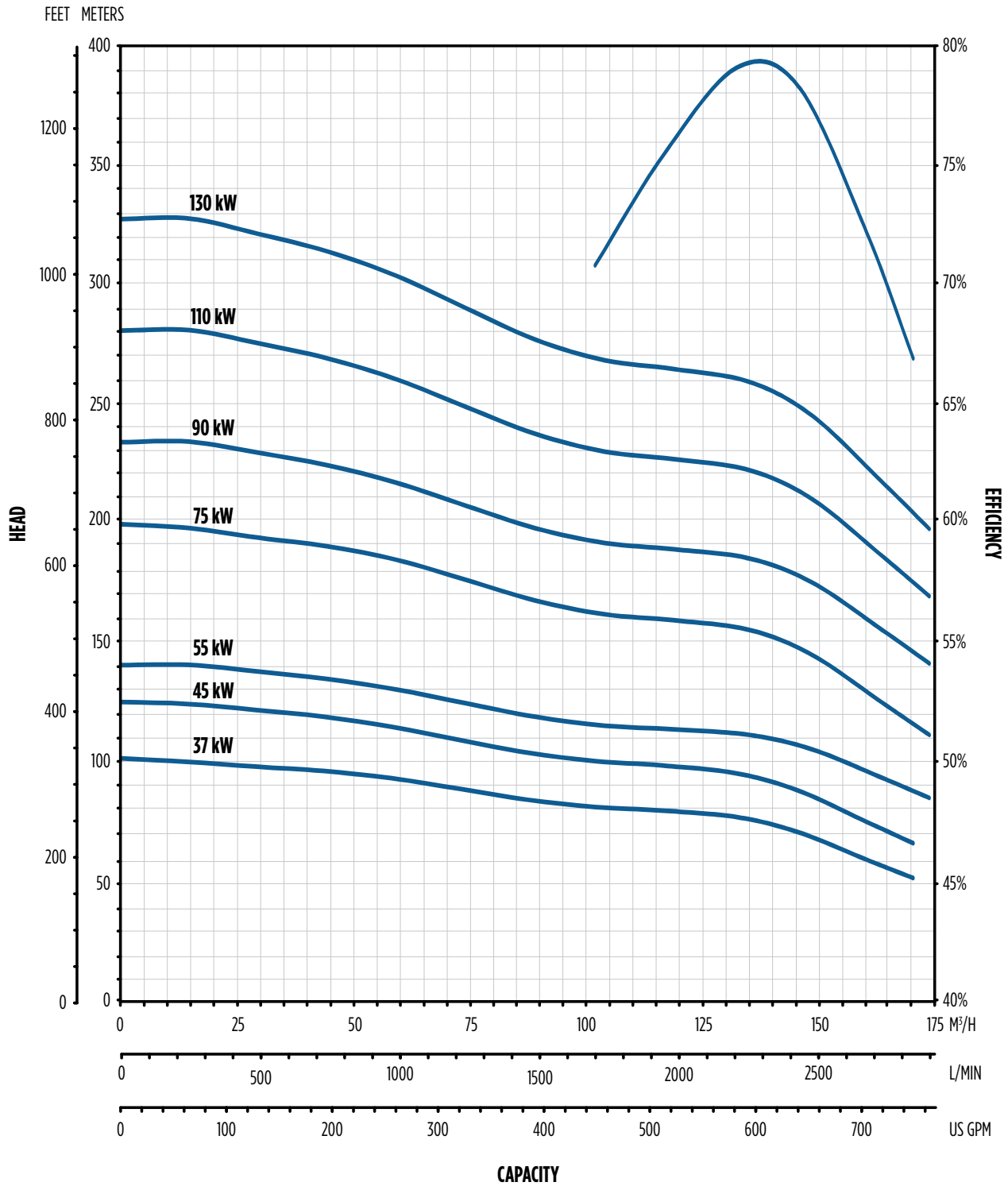
*Note: Contact customer service for available bowl bearing and shaft options.*

# 50 Hz 141STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 141 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm

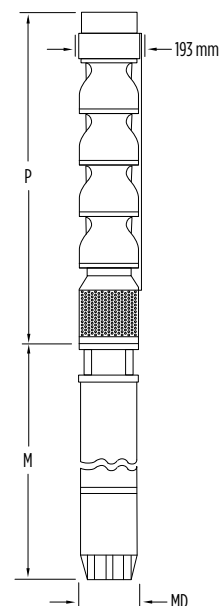
# 50 Hz 141STS SERIES Submersible Turbine Pumps

INFORMATION - 8" 141 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim       | Motor | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|------------|-------|-----------------|------|-----|----------------|---------------|
|      |        |            |       | P               | M*   | MD* |                |               |
| 7.5  | 1      | 1C         | 6"    | 645             | 645  | 138 | 46.7           | 43.1          |
| 9.3  | 1      | 1B         | 6"    | 645             | 678  | 138 | 49.3           | 43.1          |
| 15   | 2      | 1B, 1C     | 6"    | 825             | 777  | 138 | 57.2           | 56.7          |
| 18.5 | 2      | 2A         | 6"    | 825             | 841  | 138 | 63.5           | 56.7          |
| 22   | 3      | 2B, 1C     | 6"    | 1005            | 907  | 138 | 69.9           | 70.3          |
| 30   | 4      | 3B, 1C     | 6"    | 1185            | 1036 | 138 | 82.6           | 83.9          |
| 30   | 4      | 3B, 1C     | 8"    | 1220            | 925  | 196 | 124.3          | 94.8          |
| 37   | 5      | 4B, 1C     | 6"    | 1365            | 1405 | 138 | 119.3          | 98.4          |
| 37   | 5      | 1A, 2B, 2C | 8"    | 1400            | 1001 | 196 | 140.2          | 109.3         |
| 45   | 6      | 3A, 1B, 2C | 6"    | 1545            | 1557 | 138 | 132.0          | 98.4          |
| 45   | 6      | 1A, 3B, 2C | 8"    | 1580            | 1069 | 196 | 156.0          | 109.3         |
| 55   | 6      | 6A         | 8"    | 1580            | 1204 | 196 | 181.0          | 123.4         |
| 75   | 9      | 3A, 6B     | 8"    | 2120            | 1394 | 196 | 218.2          | 164.7         |
| 93   | 10     | 10A        | 8"    | 2300            | 1748 | 196 | 291.9          | 178.7         |
| 110  | 12     | 12A        | 8"    | 2660            | 1976 | 196 | 340            | 205           |
| 130  | 14     | 14A        | 8"    | 3020            | 2179 | 196 | 375.2          | 232.7         |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim       | Motor | Discharge | Order No.   | Model No.          | Ship Wt. [kg] |
|------|--------|------------|-------|-----------|-------------|--------------------|---------------|
| 7.5  | 1      | 1C         | 6"    | 6" BSPP   | 97080141101 | 141STS7D8C5-0166   | 50.3          |
| 9.3  | 1      | 1B         | 6"    | 6" BSPP   | 97080141301 | 141STS9D8B5-0166   | 50.3          |
| 15   | 2      | 1B, 1C     | 6"    | 6" BSPP   | 97080141102 | 141STS15D8X5-0266  | 65.3          |
| 18.5 | 2      | 2A         | 6"    | 6" BSPP   | 97080141302 | 141STS18D8A5-0266  | 65.3          |
| 22   | 3      | 2B, 1C     | 6"    | 6" BSPP   | 97080141103 | 141STS22D8X5-0366  | 80.3          |
| 30   | 4      | 3B, 1C     | 6"    | 6" BSPP   | 97080141104 | 141STS30D8X5-0466  | 95.7          |
| 30   | 4      | 3B, 1C     | 8"    | 6" BSPP   | 97080141904 | 141STS30D8X5-0486  | 106.1         |
| 37   | 5      | 4B, 1C     | 6"    | 6" BSPP   | 97080141105 | 141STS37D8X5-0566  | 111.1         |
| 37   | 5      | 1A, 2B, 2C | 8"    | 6" BSPP   | 97080141905 | 141STS37D8X5-0586  | 122           |
| 45   | 6      | 3A, 1B, 2C | 6"    | 6" BSPP   | 97080141106 | 141STS45D8X5-0666  | 111.1         |
| 45   | 6      | 1A, 3B, 2C | 8"    | 6" BSPP   | 97080141706 | 141STS45D8X5-0686  | 122           |
| 55   | 6      | 6A         | 8"    | 6" BSPP   | 97080141906 | 141STS55D8A5-0686  | 137.4         |
| 75   | 9      | 3A, 6B     | 8"    | 6" BSPP   | 97080141909 | 141STS75D8X5-0986  | 199.6         |
| 93   | 10     | 10A        | 8"    | 6" BSPP   | 97080141910 | 141STS90D8A5-1086  | 219.1         |
| 110  | 12     | 12A        | 8"    | 6" BSPP   | 97080141912 | 141STS110D8A5-1286 | 248           |
| 130  | 14     | 14A        | 8"    | 6" BSPP   | 97080141914 | 141STS130D8A5-1486 | 279           |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

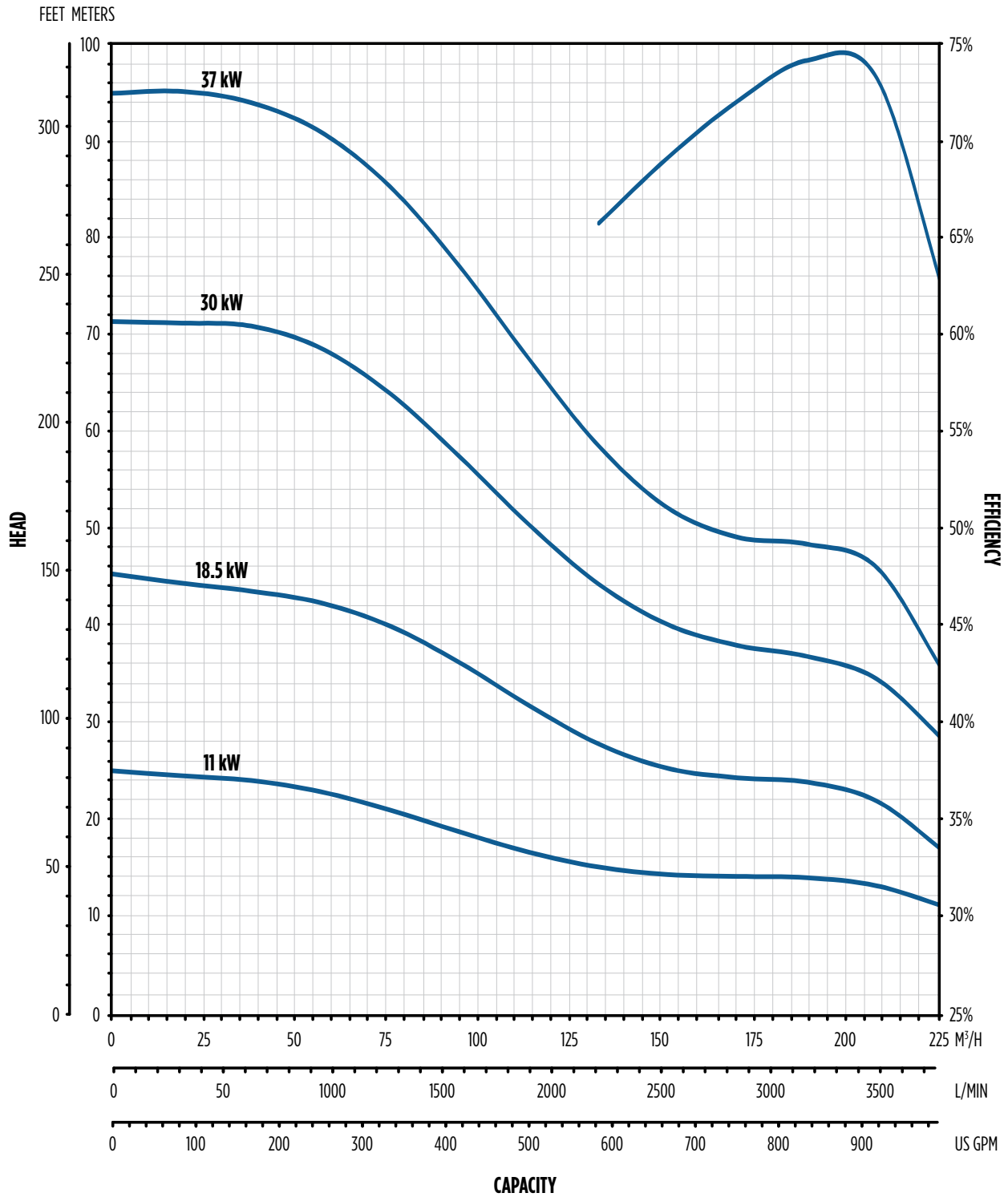
## MATERIALS

| Part                       | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

*Note: Contact customer service for available bowl bearing and shaft options.*

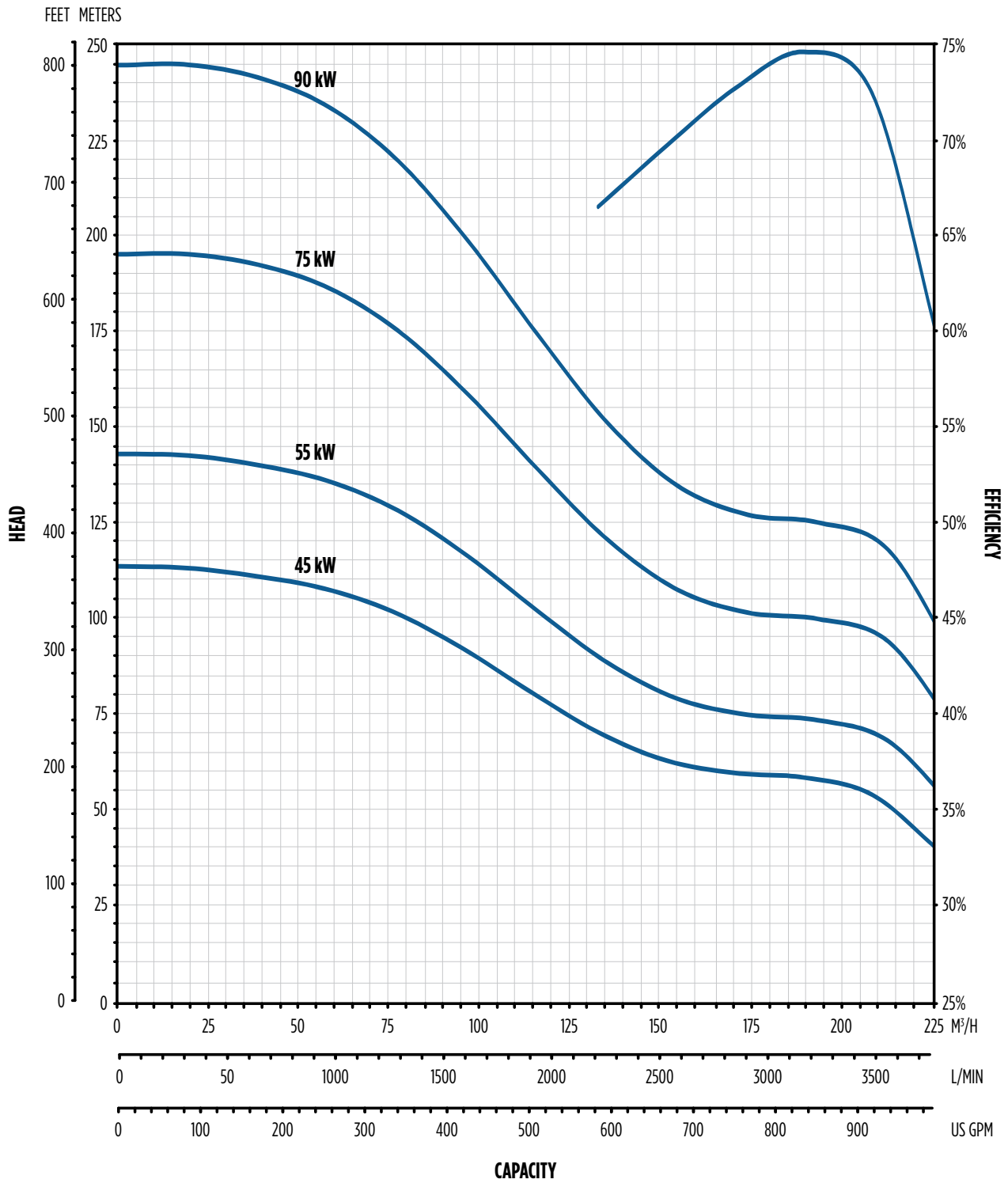
# 50 Hz 190STS SERIES Submersible Turbine Pumps

PERFORMANCE CURVES - 8" 190 M<sup>3</sup>/H



Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm





Note: Performance based on 68 °F / 20 °C fresh water, 6" motor at 2900 rpm

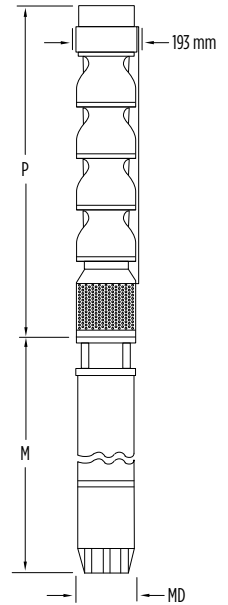
# 50 Hz 190STS SERIES Submersible Turbine Pumps

INFORMATION - 8" 190 M<sup>3</sup>/H

## DIMENSIONS

| kW   | Stages | Trim   | Motor | Dimensions [mm] |      |     | Motor Wt. [kg] | Pump Wt. [kg] |
|------|--------|--------|-------|-----------------|------|-----|----------------|---------------|
|      |        |        |       | P               | M*   | MD* |                |               |
| 11   | 1      | 1A     | 6"    | 652             | 711  | 138 | 51.7           | 42.2          |
| 18.5 | 2      | 1A, 1B | 6"    | 840             | 841  | 138 | 63.5           | 55.3          |
| 30   | 3      | 3A     | 6"    | 1027            | 1036 | 138 | 82.6           | 68.9          |
| 30   | 3      | 3A     | 8"    | 1062            | 925  | 196 | 124.3          | 78.5          |
| 37   | 4      | 4A     | 6"    | 1215            | 1405 | 138 | 119.3          | 82.6          |
| 37   | 4      | 3A, 1B | 8"    | 1250            | 1001 | 196 | 140.2          | 92.1          |
| 45   | 5      | 5A     | 6"    | 1402            | 1557 | 138 | 132.0          | 96.2          |
| 45   | 5      | 3A, 2B | 8"    | 1437            | 1069 | 196 | 156.0          | 105.7         |
| 55   | 6      | 4A, 2B | 8"    | 1624            | 1204 | 196 | 181.0          | 119.3         |
| 75   | 8      | 7A, 1B | 8"    | 1999            | 1394 | 196 | 218.2          | 146.5         |
| 93   | 10     | 9A, 1B | 8"    | 2374            | 1748 | 196 | 291.9          | 173.7         |

\*MD diameter = Franklin Electric Motor, M = Maximum Length of Franklin Electric Motor



## ORDERING

| kW   | Stages | Trim   | Motor | Discharge | Order No.   | Model No.         | Ship Wt. [kg] |
|------|--------|--------|-------|-----------|-------------|-------------------|---------------|
| 11   | 1      | 1A     | 6"    | 6"        | 97080190101 | 190STS11D8A5-0166 | 50.3          |
| 18.5 | 2      | 1A, 1B | 6"    | 6"        | 97080190102 | 190STS18D8X5-0266 | 63.5          |
| 30   | 3      | 3A     | 6"    | 6"        | 97080190103 | 190STS30D8A5-0366 | 78.5          |
| 30   | 3      | 3A     | 8"    | 6"        | 97080190903 | 190STS30D8A5-0386 | 88            |
| 37   | 4      | 4A     | 6"    | 6"        | 97080190104 | 190STS37D8A5-0466 | 93.4          |
| 37   | 4      | 3A, 1B | 8"    | 6"        | 97080190904 | 190STS37D8X5-0486 | 103           |
| 45   | 5      | 5A     | 6"    | 6"        | 97080190105 | 190STS45D8X5-0566 | 108.9         |
| 45   | 5      | 3A, 2B | 8"    | 6"        | 97080190905 | 190STS45D8X5-0586 | 118.4         |
| 55   | 6      | 4A, 2B | 8"    | 6"        | 97080190906 | 190STS55D8X5-0686 | 133.4         |
| 75   | 8      | 7A, 1B | 8"    | 6"        | 97080190908 | 190STS75D8X5-0886 | 181.4         |
| 93   | 10     | 9A, 1B | 8"    | 6"        | 97080190910 | 190STS90D8X5-1086 | 214.1         |

## SPECS

|                                 |               |
|---------------------------------|---------------|
| Minimum Well I.D.               | 203 mm / 8"   |
| Minimum Submergence Above Inlet | 3 m / 10'     |
| Discharge                       | 4" or 6" BSPP |

*Note: Refer to Franklin Electric AIM data for motor cooling requirements.*

## MATERIALS

| Part Name                  | Material            | Specification No.   |
|----------------------------|---------------------|---------------------|
| Discharge Bracket          | Ductile Iron        | ASTM A536 65-45-12  |
| Top Bowl                   | Ductile Iron        | ASTM A536 65-45-12  |
| Intermediate Bowl          | Ductile Iron        | ASTM A536 65-45-12  |
| Bearings, Disch. & Suction | Bronze              | ASTM 8584 C89835    |
| Impeller                   | 304 Stainless Steel | ASTM A743/A743M CF8 |
| Pump Shaft                 | 416 Stainless Steel | ASTM A582 S41600    |
| Suction Bracket            | Ductile Iron        | ASTM A536 65-45-12  |
| Bowl Bearing               | Rubber              | Rubber              |
| Sand Collar                | 300 Stainless Steel | ASTM A666           |
| Suction Screen             | 302 Stainless Steel | ASTM A240 S30200    |
| Cable Guard                | 300 Stainless Steel | ASTM A666           |
| Shaft Coupling             | 416 Stainless Steel | ASTM A582 S41600    |
| Upthrust Bolt              | 300 Stainless Steel | ASTM A666           |
| Taper Lock                 | 416 Stainless Steel | ASTM A582 S41600    |
| Bolting                    | 300 Stainless Steel | ASTM A666           |

*Note: Contact customer service for available bowl bearing and shaft options.*



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