



# Technical Data

## Submersible Pump - GST 35-06

Revision no.

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Receiver

From

Company name  
Respons. Department  
Person in charge  
Phone number  
Fax no  
E-mail address



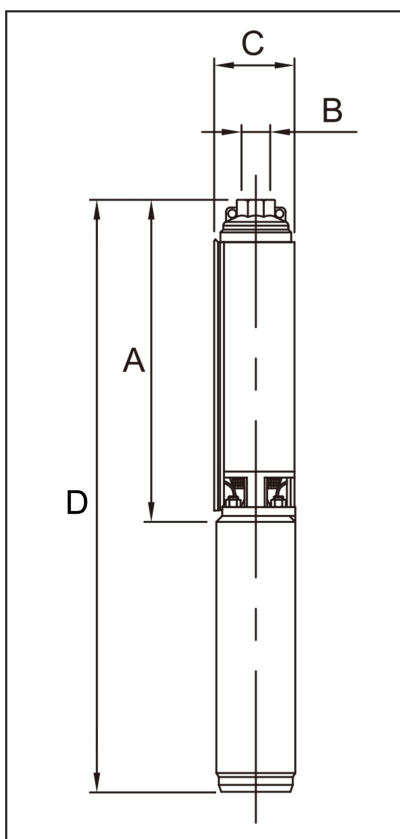
**Brand: Gol Pumps**  
**Model: GST 35-06**

**Weight (lb)**

| Pump | Motor | Pump + Motor |
|------|-------|--------------|
| 7.5  | 21.4  | 28.9         |

**Cable**

| Length (Ft) | AWG  |
|-------------|------|
| 5.5         | 4x14 |

**Dimensions:**

| Outlet | Motor Dia. | Dimensions (inch) |    |      |       |
|--------|------------|-------------------|----|------|-------|
|        |            | A                 | B  | C    | D     |
| NPT 2" | 4"         | 14.1"             | 2" | 3.9" | 25.4" |

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# Performance Curves

## Submersible Pump - GST 35-06

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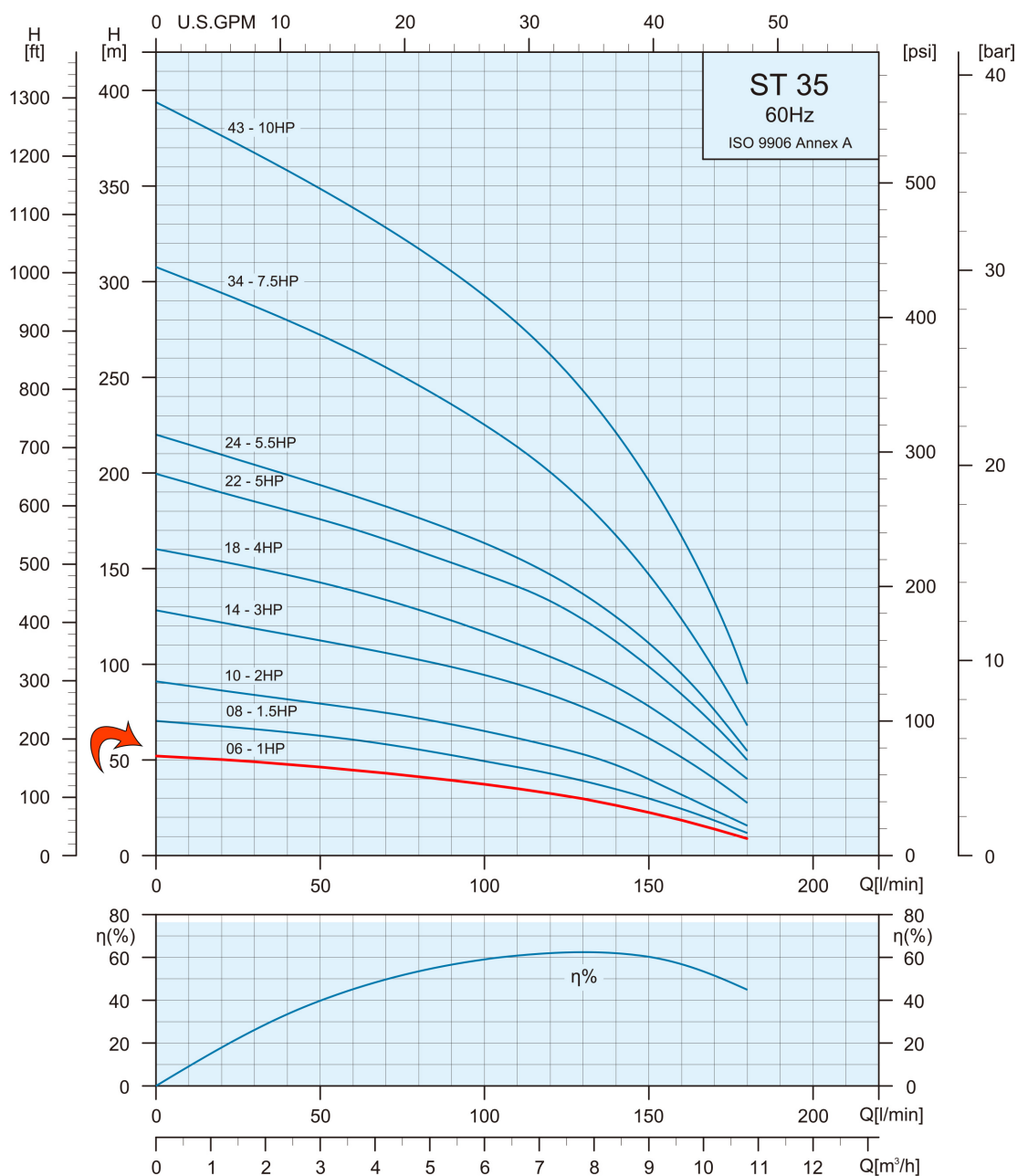
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Receiver

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| Pump Model | Motor |    | Q Capacity 3500RPM |       |       |       |       |       |       |       |      |      |      |
|------------|-------|----|--------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
|            |       |    | Gal/Min            | 0     | 15.9  | 18.5  | 21.2  | 23.8  | 26.4  | 31.7  | 37   | 42.3 | 47.6 |
|            | kW    | HP | Head in Feet       | 170.6 | 144.4 | 141.2 | 137.8 | 131.2 | 124.7 | 108.3 | 88.6 | 59.1 | 29.5 |
| GST 35-06  | 0.75  | 1  |                    |       |       |       |       |       |       |       |      |      |      |



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## Part List and Materials

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| Motor Model | P2   |    | S.F | Voltage | Phase | In  | In (SF) | Is/In | Cs/Cn | P1   | Cos $\phi$ | $\eta$ % | RPM  |
|-------------|------|----|-----|---------|-------|-----|---------|-------|-------|------|------------|----------|------|
|             | kW   | HP |     | V       | PH    | A   | A       |       |       | W    |            |          |      |
| 4GG         | 0.75 | 1  | 1.4 | 230     | Three | 5.2 | 5.6     | 6.4   | 4.2   | 1260 | 0.59       | 59       | 3450 |

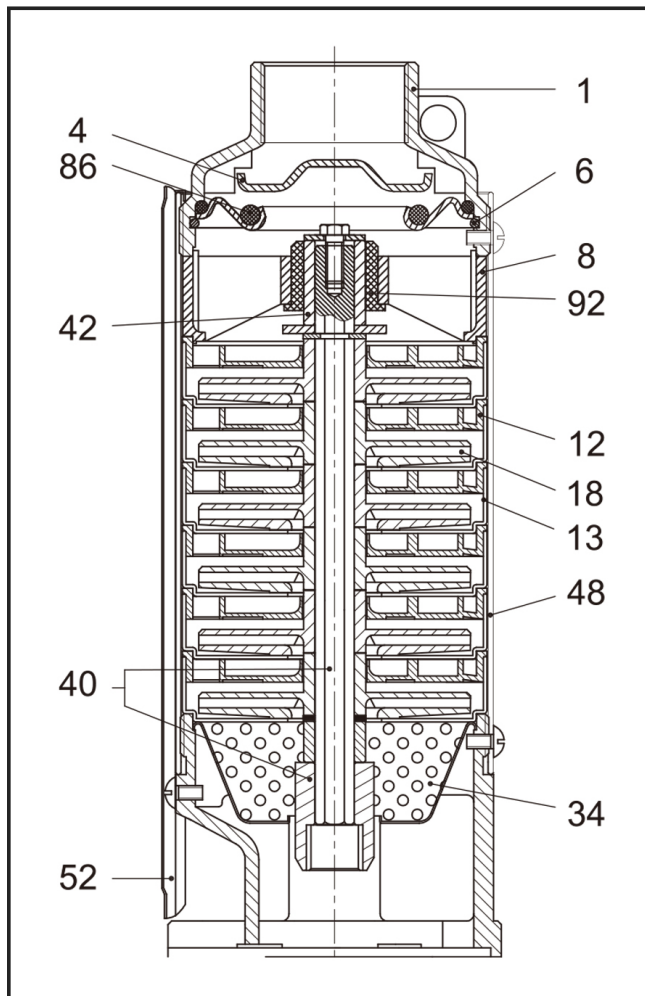
SF: Service factor

Is/In: Locked rotor current/Rated current

Cos  $\phi$ : Power factor

In: Rated current

Cs/Cn: Locked rotor torque/Rated torque

 $\eta$ : Efficiency

| No. | Part Name                  | Materials                  |
|-----|----------------------------|----------------------------|
| 1   | Discharge Head             | AISI 304                   |
| 4   | Check Valve Cone           | AISI 304                   |
| 6   | Check Valve Retaining Ring | AISI 304                   |
| 8   | Bearing Spider             | Glass Filled Polycarbonate |
| 12  | Diffuser                   | Glass Filled Polycarbonate |
| 13  | Bowl                       | AISI 304                   |
| 18  | Impeller                   | Noryl                      |
| 34  | Strainer                   | AISI 304                   |
| 40  | Pump Shaft / Coupling      | AISI 304                   |
| 42  | Shaft Sleeve               | AISI 304 or Norly          |
| 48  | Pump Casing                | AISI 304                   |
| 52  | Cable Guard                | AISI 304                   |
| 86  | O-Ring                     | NBR                        |
| 92  | Bearing                    | Polyacetal                 |

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