



# Technical Data

## Submersible Pump - GST 40-21

Revision no.

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Receiver

From

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



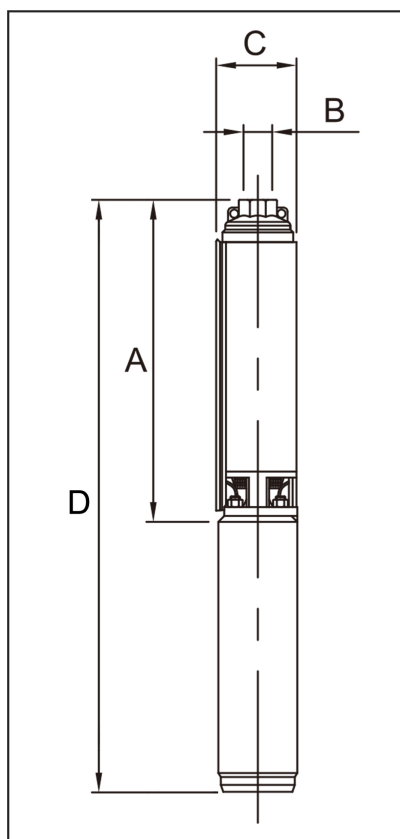
**Brand: Gol Pumps**  
**Model: GST 40-21**

**Weight (lb)**

| Pump | Motor | Pump + Motor |
|------|-------|--------------|
| 17.2 | 64    | 81.2         |

**Cable**

| Length (Ft) | AWG |
|-------------|-----|
| 8.2         | 14  |

**Dimensions:**

| Outlet | Motor Dia. | Dimensions (inch) |   |     |      |
|--------|------------|-------------------|---|-----|------|
|        |            | A                 | B | C   | D    |
| NPT 2" | 4"         | 33.8              | 2 | 3.9 | 61.5 |

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# Performance Curves

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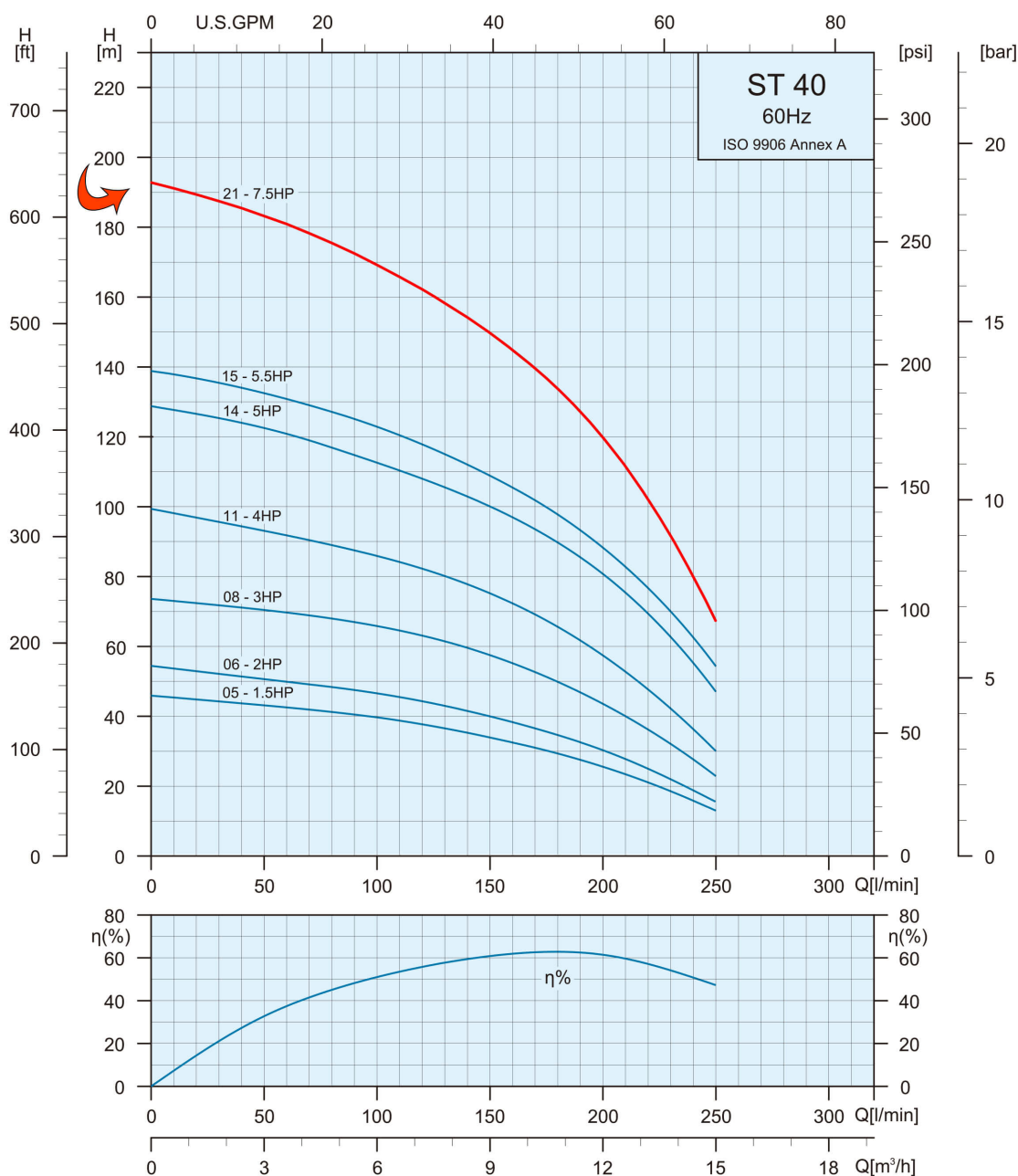
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Receiver

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| Pump Model | Motor |     | Q Capacity 3500RPM |     |      |      |      |      |      |     |      |      |      |     |
|------------|-------|-----|--------------------|-----|------|------|------|------|------|-----|------|------|------|-----|
|            |       |     | Gal/Min            | 0   | 18.5 | 21.1 | 23.8 | 26.4 | 31.7 | 37  | 42.3 | 47.6 | 52.8 | 66  |
|            | kW    | HP  | Head in Feet       | 636 | 584  | 574  | 568  | 554  | 531  | 505 | 476  | 440  | 394  | 223 |
| GST 40-21  | 5.5   | 7.5 |                    |     |      |      |      |      |      |     |      |      |      |     |



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## Part List and Materials

### Submersible Pump - GST 40-21

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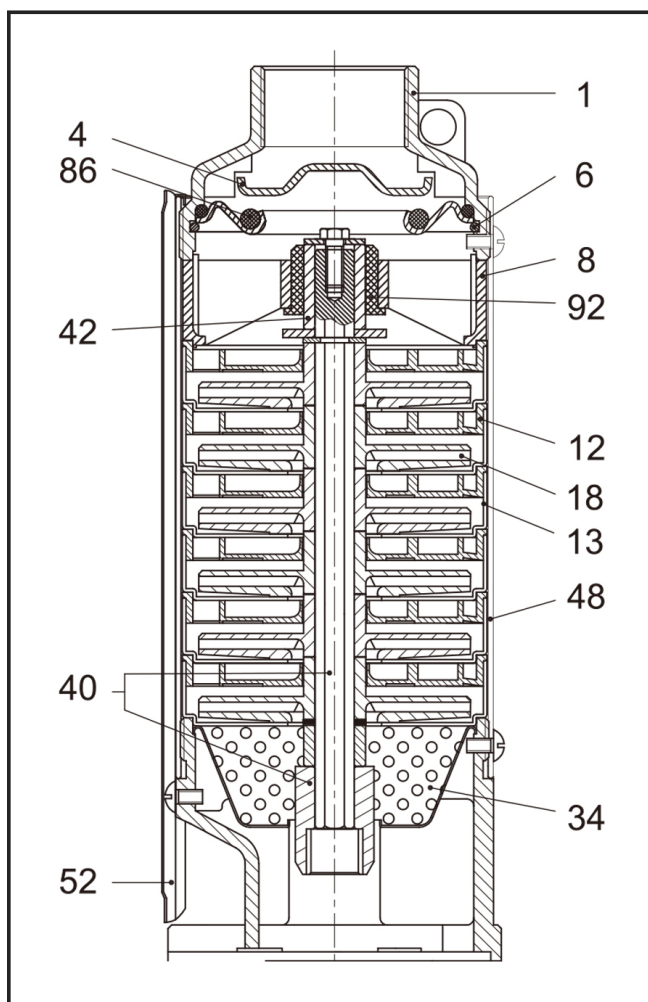
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Receiver

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| Motor Model | P2  |     | S.F  | Voltage | Phase | In   | Imax | Istart | PF (%)         |                 | Efficiency (%) |                 | RPM  | Thrust |
|-------------|-----|-----|------|---------|-------|------|------|--------|----------------|-----------------|----------------|-----------------|------|--------|
|             | kW  | HP  |      | V       | PH    | A    | A    | A      | Allowable Load | Overload Factor | Allowable Load | Overload Factor |      | N      |
|             |     |     |      |         |       |      |      |        |                |                 |                |                 |      |        |
| 4CS6996     | 5.5 | 7.5 | 1.15 | 230     | Three | 24.7 | 26.9 | 126.2  | 0.73           | 0.77            | 77.4           | 77.2            | 3450 | 6000   |



| 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 Noryl          |
| 48  | Pump Casing                | AISI 304                   |
| 52  | Cable Guard                | AISI 304                   |
| 86  | O-Ring                     | NBR                        |
| 92  | Bearing                    | Polyacetal                 |

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