



# **Technical Data** **Horizontal Centrifugal Slurry Pump - GAZ150-1-C42**

Revision no.

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Receiver

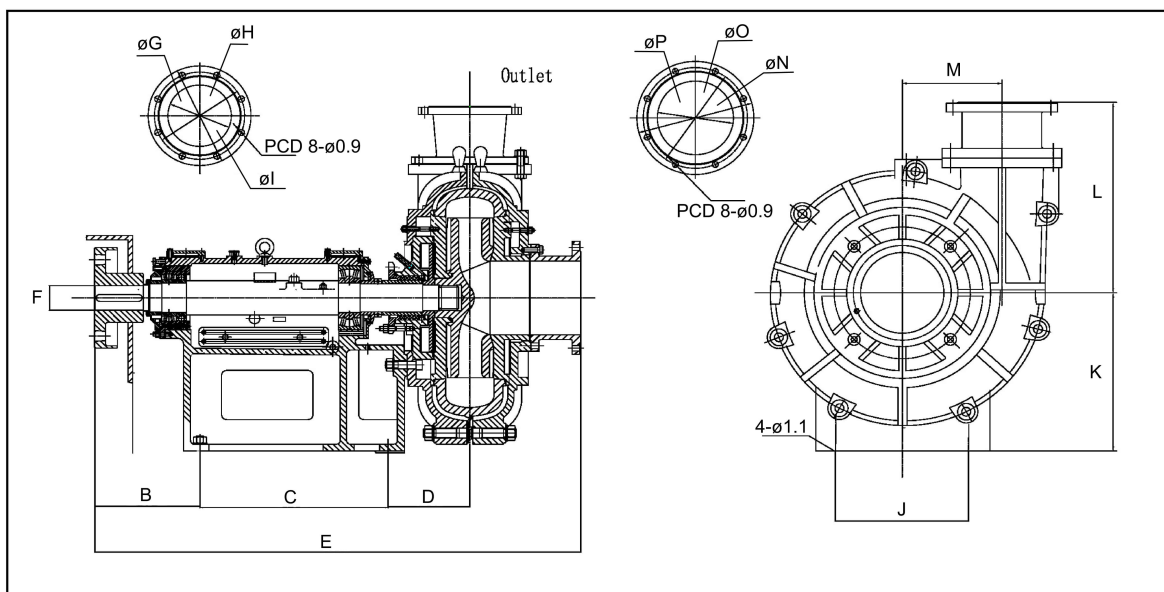
From

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



**Brand: Gol Pumps**  
**Model: GAZ150-1-C42**

## **Dimensions:**



| Flange (inch) |        |
|---------------|--------|
| Inlet         | Outlet |
| 8             | 8      |

| Pump Installation Size (inch) |      |      |    |     |     |      |      |      |      |      |      |      |      |     |   |
|-------------------------------|------|------|----|-----|-----|------|------|------|------|------|------|------|------|-----|---|
| B                             | C    | D    | E  | F   | G   | H    | I    | J    | K    | L    | M    | N    | O    | P   | Q |
| 10.9                          | 16.5 | 12.5 | 53 | 2.6 | 7.9 | 11.6 | 13.2 | 15.7 | 16.1 | 22.8 | 11.8 | 13.2 | 11.6 | 7.9 |   |

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# Performance Curve

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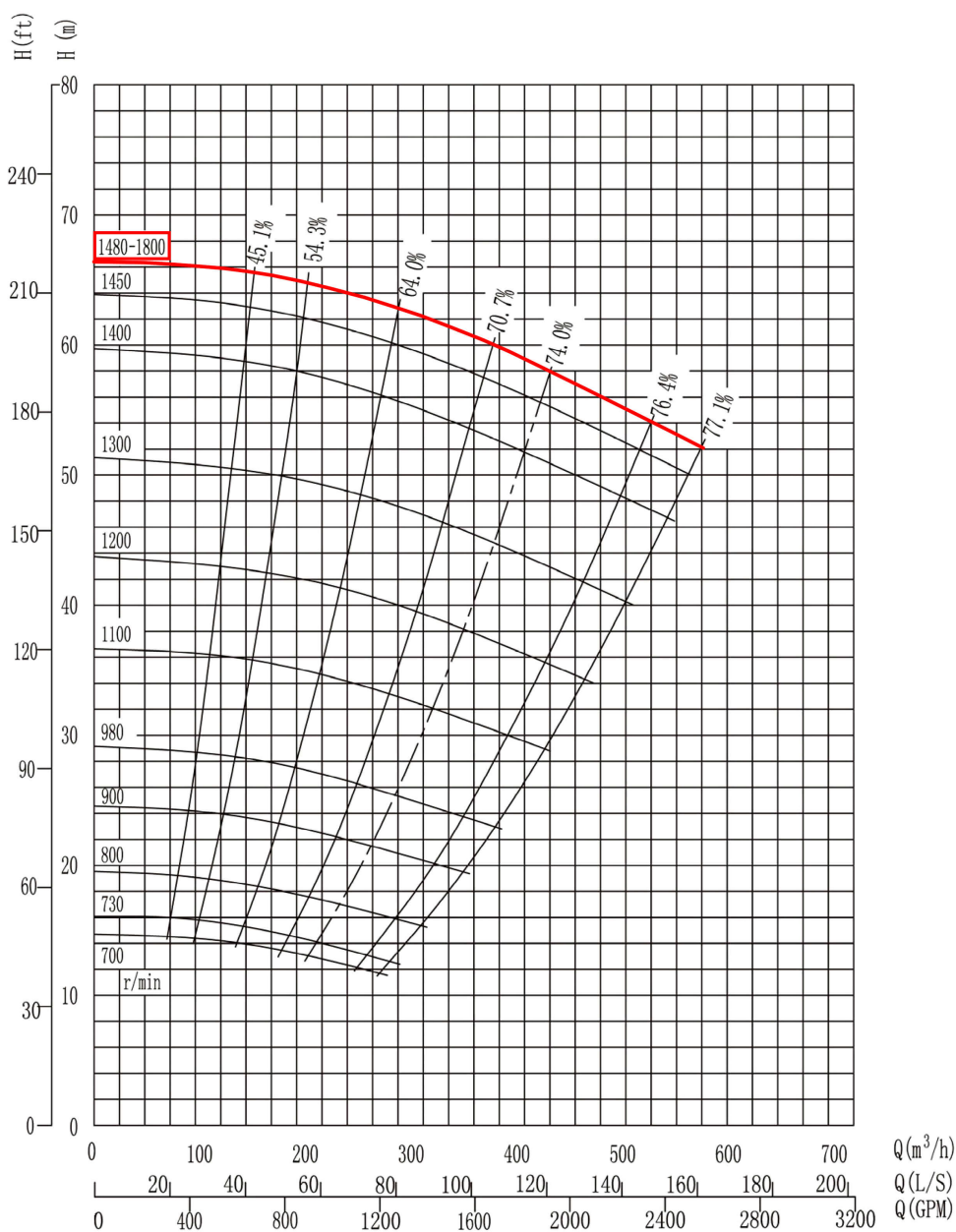
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| Model        | Inlet | Outlet | Power |     | Max. Solid Passing | Revolutions |
|--------------|-------|--------|-------|-----|--------------------|-------------|
|              | in    | in     | hp    | kw  | in                 | rpm         |
| GAZ150-1-C42 | 8     | 8      | 250   | 185 | 2.7                | 1750        |



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# Pump and Motor

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| Motor Type       |     | TEFC      |
|------------------|-----|-----------|
| Nominal Voltage  | V   | 460 - 3ph |
| Power Factor     |     | 0.85      |
| Stator Current   | A   | 203       |
| Motor Power      | HP  | 175       |
| Frequency        | HZ  | 60        |
| Efficiency       | %   | 96.2      |
| Speed            | RPM | 1792      |
| Protection Class | IP  | 55        |
| Approx. Weight   | LB  | 2640      |
| Manufacturer     |     | WEG       |

|         |            |            |            |             |
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# Parts and Materials

## Horizontal Centrifugal Slurry Pump - GAZ150-1-C42

Revision no.

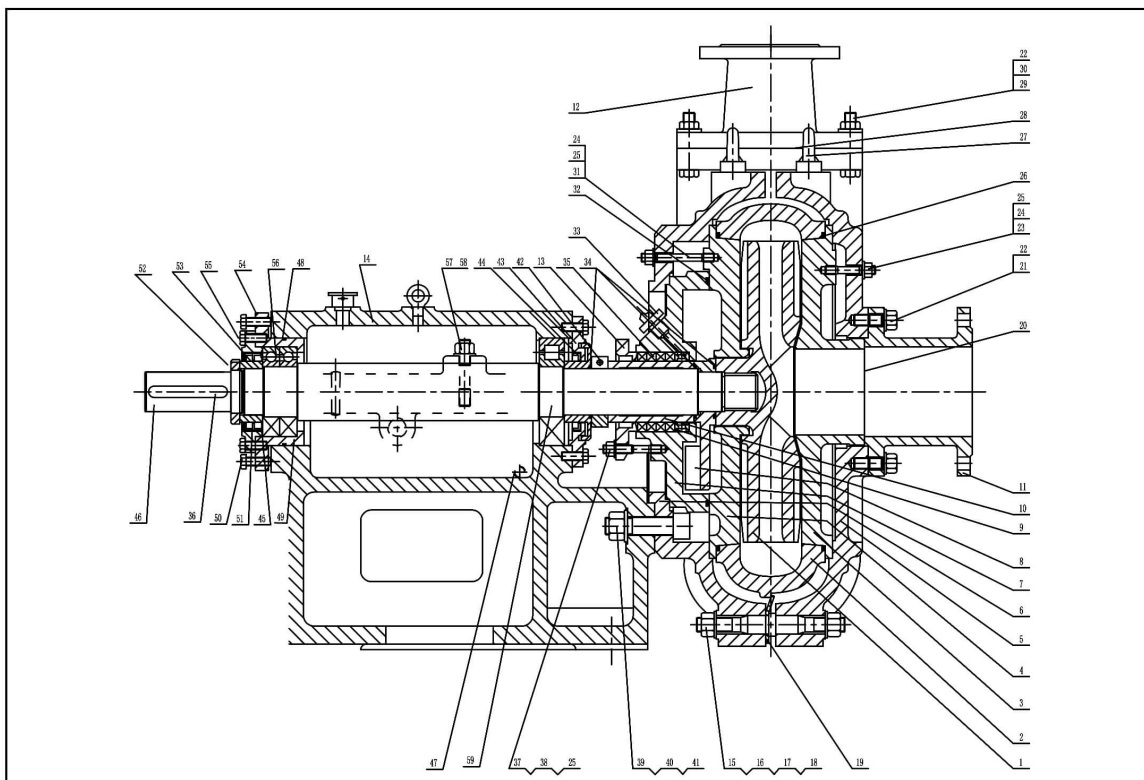
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| Item | Parts Name          | Qty   | Material |
|------|---------------------|-------|----------|
| 1    | Impeller            | 1     | Cr27MoNi |
| 2    | Volute Liner        | 1     | Cr27MoNi |
| 3    | Throat Bush         | 1     | Cr27MoNi |
| 4    | FPL Insert          | 1     | Cr27MoNi |
| 5    | Cover Plate         | 1     | HT200    |
| 6    | Frame Plate         | 1     | HT200    |
| 7    | Stuffing Box        | 1     | Cr27MoNi |
| 8    | Expeller            | 1     | Cr27MoNi |
| 9    | Lantern Ring        | 1     |          |
| 10   | Shaft Sleeve        | 1     | 3Cr13    |
| 11   | Intake Coupling     | 1     |          |
| 12   | Discharge Coupling  | 1     |          |
| 13   | Stuffing Gland      | 1     | HT200    |
| 14   | Frame               | 1 set |          |
| 15   | Frame Plate Bolts A | 2     |          |

|    |                      |    |        |
|----|----------------------|----|--------|
| 16 | Frame Plate Bolts B  | 4  |        |
| 17 | Nuts                 | 19 |        |
| 18 | Washers              | 19 |        |
| 19 | Cotter               | 2  |        |
| 20 | Intake Joint Ring    | 1  | Rubber |
| 21 | Intake Studs         | 12 |        |
| 22 | Washers              | 14 |        |
| 23 | Cover Plate Studs    | 4  |        |
| 24 | Nuts                 | 8  |        |
| 25 | Washers              | 8  |        |
| 26 | Seal Ring            | 2  | Rubber |
| 27 | Eyebolts             | 2  |        |
| 28 | Discharge Joint Ring | 1  | Rubber |
| 29 | Discharge Bolts      | 8  |        |
| 30 | Nuts                 | 8  |        |
| 31 | FPL Insert Studs     | 4  |        |

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# Parts and Materials

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| Item | Parts Name       | Qty   | Material     |
|------|------------------|-------|--------------|
| 32   | Seal Ring        | 1     | Rubber       |
| 33   | Nipple           | 1     |              |
| 34   | O Ring           | 3     | Rubber       |
| 35   | Packing          | 4     |              |
| 36   | Key              | 1     |              |
| 37   | Studs            | 2     |              |
| 38   | Nuts             | 2     |              |
| 39   | Nuts M24         | 3     |              |
| 40   | Washers M24      | 3     |              |
| 41   | Adjust Studs M24 | 3     |              |
| 42   | Release Collar   | 1     |              |
| 43   | End Cover        | 1     | HT200        |
| 44   | Oil Seal         | 1     |              |
| 45   | Papper Doily     | 1 set | 0.2Fishpaper |
| 46   | Shaft            | 1     |              |

|    |                     |    |        |
|----|---------------------|----|--------|
| 47 | Plug R1/2           | 1  |        |
| 48 | End Cover Seal Ring | 1  | Rubber |
| 49 | Bearing Box         | 1  |        |
| 50 | Bearing Box Bolts   | 16 |        |
| 51 | Oil Seal Driven     | 1  |        |
| 52 | Lock Nut            | 1  |        |
| 53 | Retainer            | 1  |        |
| 54 | End Cover Driven    | 1  |        |
| 55 | End Cover Bolts     | 8  |        |
| 56 | Bearing             | 2  |        |
| 57 | Frame Studs         | 6  |        |
| 58 | Nuts                | 6  |        |
| 59 | Bearing             | 1  |        |

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