



# **Technical Data** **Horizontal Centrifugal Slurry Pump - GAZ150-1-C50**

Revision no.

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Receiver

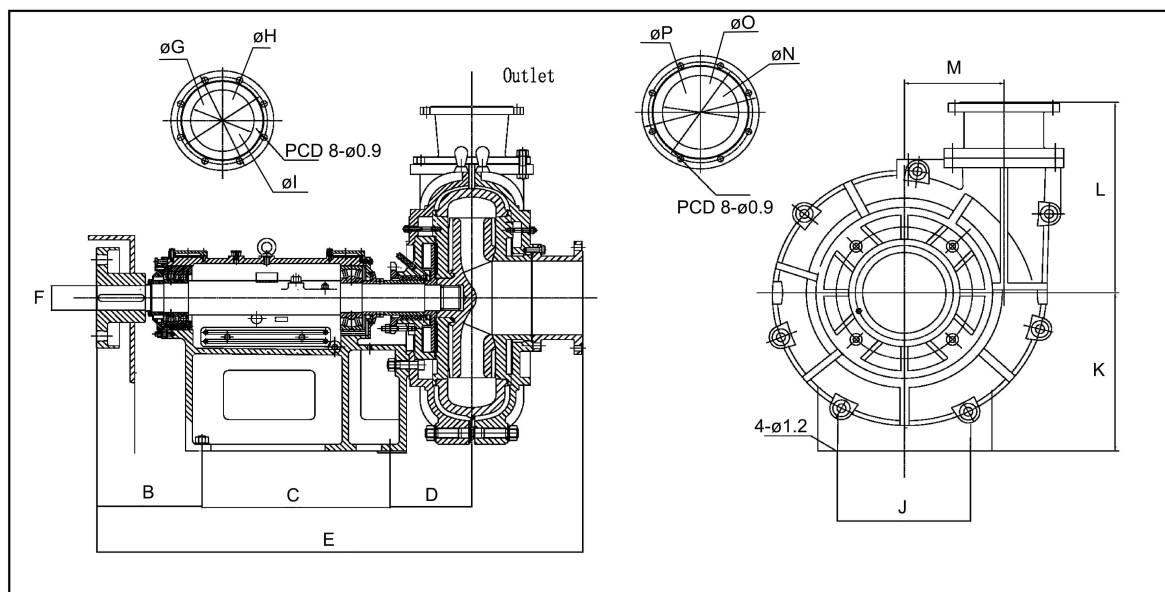
From

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



**Brand: Gol Pumps**  
**Model: GAZ150-1-C50**

## **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   |  |
| 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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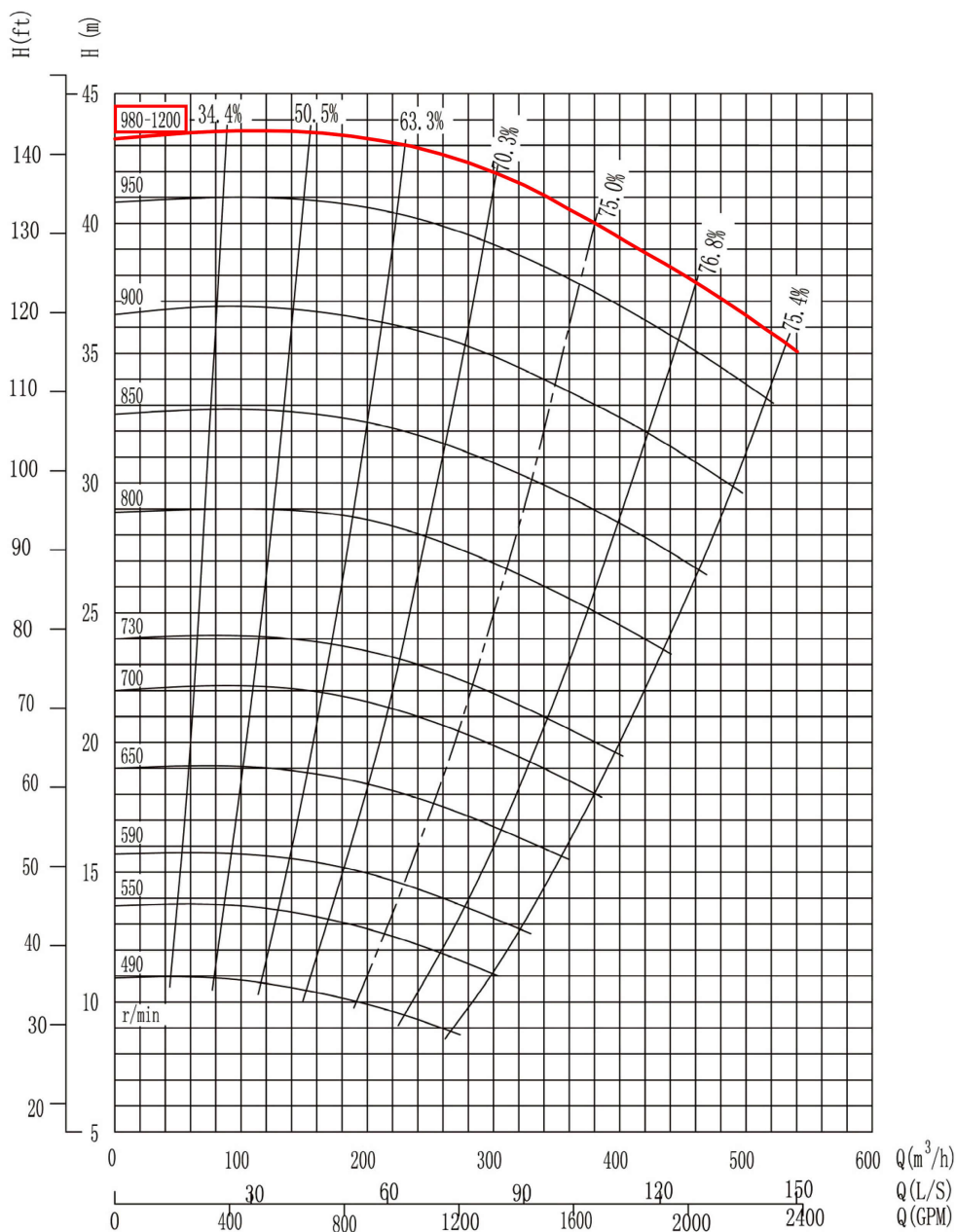
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| Model        | Inlet | Outlet | Power |     | Max. Solid Passing | Revolutions |
|--------------|-------|--------|-------|-----|--------------------|-------------|
|              | in    | in     | hp    | kw  | in                 | rpm         |
| GAZ150-1-C50 | 8     | 8      | 150   | 110 | 1.9                | 1150        |



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# Pump and Motor

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| Motor Type       |     | TEFC      |
|------------------|-----|-----------|
| Nominal Voltage  | V   | 460 - 3ph |
| Power Factor     |     | 0.81      |
| Stator Current   | A   | 122       |
| Motor Power      | HP  | 100       |
| Frequency        | HZ  | 60        |
| Efficiency       | %   | 95        |
| Speed            | RPM | 1194      |
| Protection Class | IP  | 55        |
| Approx. Weight   | LB  | 2321      |
| Manufacturer     |     | WEG       |

|         |            |            |            |             |
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# Parts and Materials

## Horizontal Centrifugal Slurry Pump - GAZ150-1-C50

Revision no.

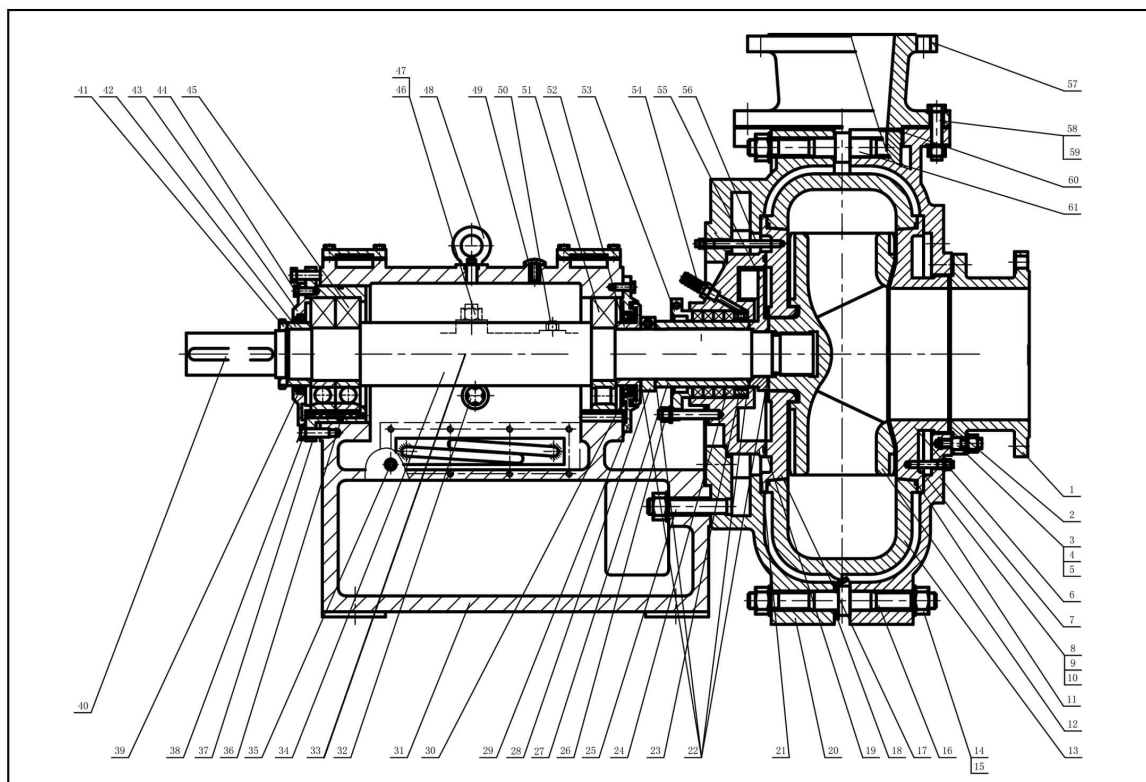
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| Item | Parts Name        | Qty | Material |
|------|-------------------|-----|----------|
| 1    | Intake Coupling   | 1   | HT200    |
| 2    | Intake Joint Ring | 1   | Rubber   |
| 3    | Intake Studs      | 12  |          |
| 4    | Nuts              | 12  |          |
| 5    | Washer            | 12  |          |
| 6    | Throat Bush       | 1   |          |
| 7    | Cover Plate       | 1   | HT200    |
| 8    | Cover Plate Studs | 4   |          |
| 9    | Nuts              | 10  |          |
| 10   | Washer            | 8   |          |
| 11   | Seal Ring         | 2   | Rubber   |
| 12   | Impeller          | 1   | KmTBCr27 |
| 13   | Volute Liner      | 1   | KmTBCr27 |
| 14   | Nuts              | 12  |          |
| 15   | Washer            | 12  |          |

|    |                   |       |        |
|----|-------------------|-------|--------|
| 16 | Frame Plate Bolts | 2     |        |
| 17 | FPL Insert        | 1     |        |
| 18 | Cotter            | 2     |        |
| 19 | Seal Ring         | 1     | Rubber |
| 20 | Frame Plate       | 1     | HT200  |
| 21 | Stuffing Box      | 1     |        |
| 22 | O Ring            | 4     | Rubber |
| 23 | Lantern Ring      | 1     |        |
| 24 | Packing           | 4     |        |
| 25 | Adjust Studs      | 3     |        |
| 26 | Studs             | 2     |        |
| 27 | Shaft Sleeve      | 1     |        |
| 28 | Release Collar    | 1 set |        |
| 29 | End Cover         | 1     | HT200  |
| 30 | Oil Seal          | 1     |        |
| 31 | Frame             | 1     | HT200  |

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## Parts and Materials

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| Item | Parts Name          | Qty   | Material |
|------|---------------------|-------|----------|
| 32   | Oil Pointer         | 1     |          |
| 33   | Paper Doily         | 1 set |          |
| 34   | Shaft               | 1     |          |
| 35   | Plug R 1/2          | 1     |          |
| 36   | End Cover Seal Ring | 1     | Rubber   |
| 37   | Bearing Box         | 1     |          |
| 38   | Bearing Box Bolts   | 8     |          |
| 39   | Oil Seal Driven     | 1     |          |
| 40   | Key                 | 1     |          |
| 41   | Lock Nut            | 1     |          |
| 42   | Retainer            | 1     |          |
| 43   | End Cover Driven    | 1     |          |
| 44   | End Cover Bolts     | 16    |          |
| 45   | Bearing             | 2     |          |
| 46   | Frame Studs         | 6     |          |

|    |                     |       |       |
|----|---------------------|-------|-------|
| 47 | Nuts                | 12    |       |
| 48 | Eyebolts            | 3     |       |
| 49 | Oil Hole Cover      | 1     |       |
| 50 | Location Pin        | 3     |       |
| 51 | Bearing             | 1     |       |
| 52 | Retainer            | 1     |       |
| 53 | Stuffing Gland      | 1 set | HT200 |
| 54 | Nipple              | 1     |       |
| 55 | Expeller            | 1     |       |
| 56 | FPL Insert Bolts    | 4     |       |
| 57 | Discharge Coupling  | 1     | HT200 |
| 58 | Discharge Bolts     | 8     |       |
| 59 | Washer              | 14    |       |
| 60 | Discharge Join Ring | 1     |       |
| 61 | Frame Plate Bolts   | 5     |       |

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