**Introduction:**

Construction of this gravel pump CG is of single casing and wide wet passage. The wet parts are made of high-chrome wear resistant alloys. The discharge direction can be oriented in any direction of 360° due to its connection by means of clamp bands. This type of pump owns the Its advantage is of easy installation, good performance of NPSH and wear-resistance.

Gravel pumps are designed for continuously handling the most difficult higher abrasive slurries, which contain too big solids to be pumped by common pumps.

**Application:**

They are suitable to transport slurries in the mining, metallurgy, coal washery, dredging and other fields.

**Model Explanation and Performance Chart:**

12/10G-CG
12: Suction size (inch)
10: Discharge size (inch)
G: Frame type with maximum power
C: CSPG
G: Gravel

| Pump Model | Series CG Gravel Pump | | | | | | | Impeller Dia.(mm) |
|---|---|---|---|---|---|---|---|---|
| | Allowable Max. Power (kW) | Clear Water Performance | | | | | | |
| | | Capacity Q | | Head H(m) | Speed n(r/min) | Eff. η% | NPSH (m) | |
| | | $m^3/h$ | l/s | | | | | |
| 6/4D-CG | 60 | 36-250 | 10-70 | 5-52 | 600-1400 | 58 | 2.5-3.5 | 378 |
| 8/6E-CG | 120 | 126-576 | 35-160 | 6-45 | 800-1400 | 60 | 3-4.5 | 378 |
| 10/8F-CG | 560 | 216-936 | 60-260 | 8-52 | 500-1000 | 65 | 3-7.5 | 533 |
| 10/8F-CGH | 560 | 180-1440 | 50-400 | 24-80 | 500-950 | 72 | 2.5-5 | 711 |
| 12/10F-CG | 600 | 360-1440 | 100-400 | 10-60 | 400-850 | 65 | 1.5-4.5 | 667 |
| 12/10G-CGH | 1200 | 288-2808 | 80-780 | 16-80 | 350-700 | 73 | 2-10 | 950 |
| 14/12G-CG | 1200 | 576-3024 | 160-840 | 8-70 | 300-700 | 68 | 2-8 | 864 |
| 14/12F-CG | 600 | 720-3600 | 200-1000 | 18-44 | 300-500 | 70 | 3-9 | 1016 |
| 16/14G-CGH | 1200 | 324-3600 | 90-1000 | 26-70 | 300-500 | 72 | 3-6 | 1270 |
| 18/16G-CGH | 1200 | 720-4320 | 200-1200 | 12-48 | 250-500 | 72 | 3-6 | 1067 |
| 20/18G-CG | 1200 | 1080-5400 | 300-1500 | 18-65 | 200-400 | 68 | 3-6 | 1270 |