



PUMP AND DREDGE RENTALS

Rent Pump And Dredging Equipment  
For The **Toughest** Applications

# Growler 5000 3-Head Heavy-Duty Dredge Pump

## Spec Sheet



# DAE Pumps

DESIGNED AND ENGINEERED PUMPING SOLUTIONS



## Electric Pump

**Max Capacity:** 5280 GPM (1200 m<sup>3</sup>/h)

**Max Head:** 180' (55m)

**Impeller Diameter / Type:** 26" (650mm) / 2  
Blade Closed

**Discharge Size:** 12" (300mm)

**Solid Handling:** 4.8" (120mm)

### Motor

**Power:** 325 HP (240kW)

**Voltage:** 251 GPM (950 l/min)

**Phase / Poles / Frequency:** 3 / 8 / 60Hz

**Speed:** 890 RPM

**Insulation Class:** H

**Power Cable 20m (IEC 60245-4):** 2 x  
H07RN-F 4G95

### Materials

**Casing:** Spheroidal Cast Iron EN-GJS500-7  
(EN 1563)

**Motor Housing:** Cast Iron EN-GJL-250 (EN  
1561)

**Wear Parts:** High Chrome EN-GJN-HV600  
(XCr18) (EN 12513)

**Main Shaft:** High Tensile Steel 39NiCroMo3  
(AISI 9840)

### Seals / Lubricant

**Motor Side Seals:** 1 Mechanical Seal (Silicon  
Carbide in Oil Bath)

**Impeller Side Seals:** 1 Mechanical Seal  
(Silicon Carbide in Oil Bath) + 2 Lip Seal (1  
BUNA + 1 TPU)

**Oil type:** ISO 320

## Hydraulic Pump

**Max Capacity:** 5724 GPM (1300 m<sup>3</sup>/h)

**Max Head:** 190' (58m)

**Impeller Diameter / Type:** 31" (800mm) / 2  
Blades Closed

**Discharge Size:** 10" (250mm)

**Solid Handling:** 4.8" (120mm)

### Motor

**Motor Displacement:** 61 cu. Inch (1000 cc)

**Max. Oil Flow Rate:** 251 GPM (950 l/min)

**Max. Pressure:** 4351 PSI (300 bar)

**Power:** 640 HP (475 kW)

**Speed:** 950 RPM

### Materials

**Casing:** Spheroidal Cast Iron EN-GJS500-7  
(EN 1563)

**Motor Housing:** Cast Iron EN-GJL-250 (EN  
1561)

**Wear Parts:** High Chrome EN-GJN-HV600  
(XCr18) (EN 12513)

**Main Shaft:** High Tensile Steel 39NiCroMo3  
(AISI 9840)

### Seals / Lubricant

**Motor Side Seals:** 3 Lip Seals (2 BUNA + 1  
PTFE)

**Impeller Side Seals:** 5 Lip Seals (3 BUNA +  
2PTFE) + 1 V-ring (TPU)

**Oil type:** ISO 320



### Electric Cutter Head x3

**Motor**

**Power:** 14.4 HP (10.8 kW)

**Rated Current:** 16A

**Rated Voltage:** 480V

**Rated Speed:** 1750 RPM

**Insulation:** Class H

**Power Cable:** 20m (IEC 60245-4) H07RN-F  
4G10

**Excavator**

**Speed:** 30 RPM

**Rated Torque:** 3240 Nm

**Starting Torque:** 10,000 Nm

### Hydraulic Cutter Head x3

**Hydraulic Motor:** Radial Piston

**Max Speed:** 50 RPM

**Max Power (Cont. Operation):** 30 HP (22 kW)

**Max Power (Inter. Operation):** 36 HP (27 kW)

**Pressure (Cont. Operation):** 3626 psi (250 bar)

**Pressure (Inter. Operation):** 5076 psi (350 bar)

**Torque (Cont. Operation):** 932 lbs. (423 kgm)

**Torque (Inter. Operation):** 1117 lbs. (507 kgm)

**Oil Spec:** Viscosity 33 mm/s (4.5°E) BSP

**Fixture IN/OUT:** 1 1/4" BSP

**Drainage:** 3/8" BSP