



PUMP AND DREDGE RENTALS

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

Growler 3000 w/ Heavy-Duty Dredge Pump 2-Cutter Heads

Spec Sheet



DAE Pumps

DESIGNED AND ENGINEERED PUMPING SOLUTIONS



Hydraulic Pump

Max Capacity: 5724 GPM (1300 m³/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 Pump

Max Capacity: 5280 GPM (1200 m³/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 Cutter Head x2

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

Electric Cutter Head x2

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