

# PumpEng

## Guardian



**Tougher pump  
for harsh  
underground  
environments**

When pumping tramp and solids  
is unavoidable use hard metal.  
Designed for longer life.



### **Benefits of Guardian® for Mining Operations**



#### **Performance**

Increase mine performance, productivity and profit by reducing breakdowns and delays.



#### **Safety**

Reduce workplace hazards by reducing the number of breakdowns.



#### **Cost**

Reduce equipment lifecycle cost by increasing total pump life.

# About Us

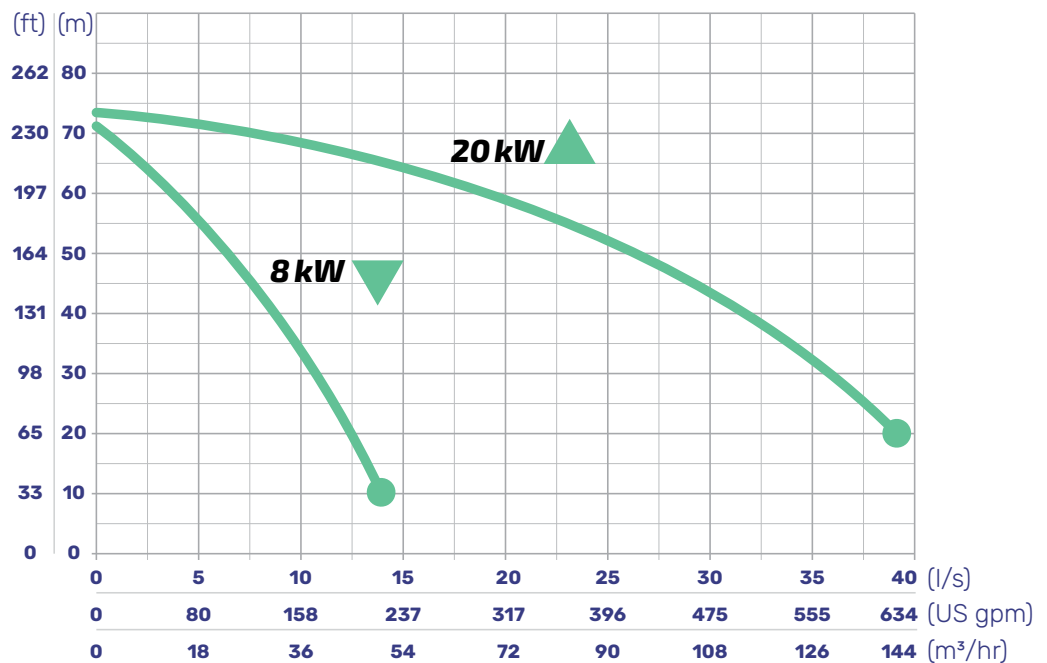
PumpEng is on a mission to redefine underground mine dewatering, prioritising excellence at every turn. Our commitment to innovation, reliability, availability, and personalised support throughout the product lifecycle ensures every mine operator a good day at work.

PumpEng is an Australian-based global Original Equipment Manufacturer (OEM) with a rich history of supplying submersible pumps to the mining sector. Renowned for excellence and innovative pumping solutions, we are a trusted global mining partner. Our core competencies include submersible pump design, manufacture, assembly and application guidance. A commitment to eco-friendly solutions reflects environmental responsibility.

Our client-centric approach fosters enduring partnerships worldwide, providing exceptional service and support. PumpEng upholds the highest standards and meets international regulations. PumpEng stands as a beacon of global OEM manufacturing, epitomising reliability, innovation, and customer-centricity for the mining sector. We're available, supportive, innovative and consultative.



## Power Curves (50 & 60Hz)



# Guardian® Specifications

Model	kW (Hp)	Discharge	Voltage (Hz)	Solids Passage in mm	Max Head in m	Max Flow l/s	Max Diameter mm	Height mm	Weight kg
PE0857291	8 (11)	80mm	415 (50)	8	72	14	380	720	120
PE0857391	8 (11)	80mm	1000 (50)	8	72	14	380	720	120
PE0857491	8 (11)	80mm	600 (60)	8	72	14	380	720	120
PE0857591	8 (11)	80mm	480 (60)	8	72	14	520	765	210
PE0857791	8 (11)	80mm	1000 (60)	8	72	14	520	765	210
PE2057291	20 (27)	100mm	415 (50)	8	74	39	520	765	210
PE2057391	20 (27)	100mm	1000 (50)	8	74	39	520	765	210
PE2057491	20 (27)	100mm	600 (60)	8	74	39	520	765	210
PE2057591	20 (27)	100mm	480 (60)	8	74	39	520	765	210
PE2057791	20 (27)	100mm	1000 (60)	8	74	39	520	765	210

Motor Specifications	
Pole	2-Pole
Insulation Class	Class F/H
Motor Power Details	1000V, 415V 50Hz 480V, 600V & 1000V 60Hz
Max Liquid Temp	Fluid at 40°C
Max Submergence	22m

Pump Specifications	
Impeller	27 Chrome
Wear Parts	CD4
Mechanical Seal	Sic-Sic
Bearing	Heavy duty bearings
Outer Jacket	Aluminium or Stainless Steel
Shaft	Stainless Steel

## Fewer Breakdowns



**Increase production**



**Less manpower**



**Increase income**



**Safer workplace**

## Why The Guardian® Pump Range Is Better

### Toughened: Metal Is Best

Internal components in the wetend are tough metal, not elastomer. Harsh operating environments quickly destroy elastomer components, while toughened steel components power on. Guardian® is dry run tolerant and can run on the snore.

### Productive:

#### Less Downtime More Production

Guardian® has been designed for tough environments, to keep on pumping when traditional dewatering pumps might fail. Less mining downtime, more production.

# PumpEng

**Tough Submersible Pumps**

## Explore Your Options

### PumpEng Pty Ltd



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#### Kalgoorlie

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### International Distribution Network

