

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

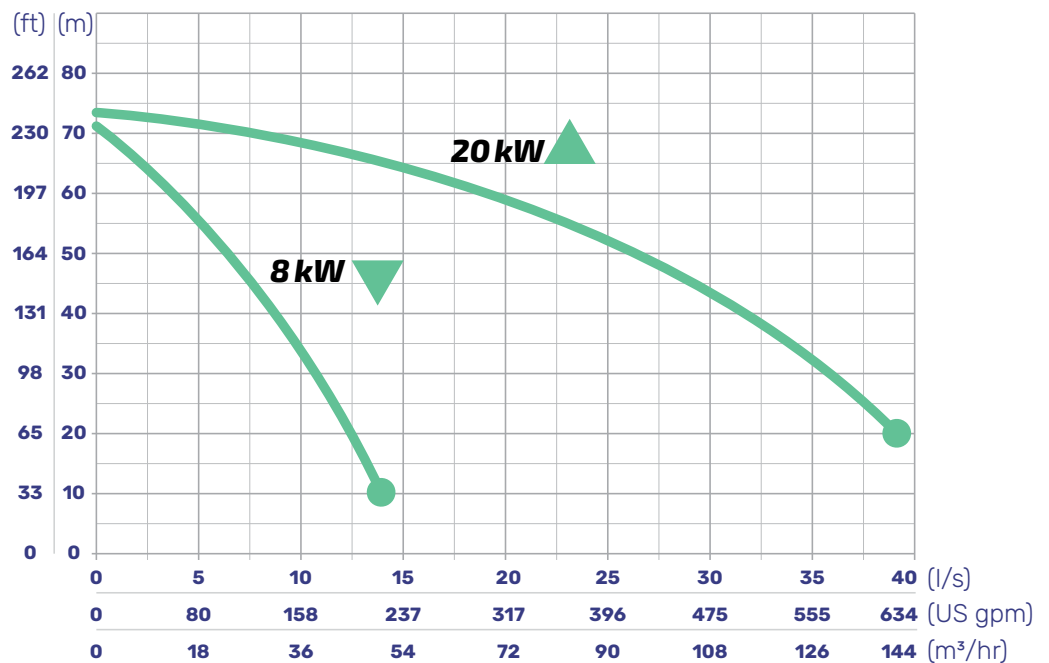
PumpEng is on a mission to redefine underground mine dewatering, prioritising excellence at every turn. Our commitment to innovation, reliability, availability, and personalised support throughout the product lifecycle ensures every mine operator a good day at work.

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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International Distribution Network

