

PumpEng

Raptor



Old Faithful in Underground Mine Dewatering

Developed in consultation with the Australia Mining Industry and wholly manufactured by PumpEng for the Underground Mining Industry. Proudly Australian Made.

Parts interchangeable with traditional OEM BIBO ranges. The Raptor is available 1000V and 415V in 50Hz and 480V and 600V in 60Hz.



Benefits of Raptor® 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 an Australian owned and operated business with a proud history of manufacturing and supplying submersible pumps to the underground and surface mining sector.

Our well-known Raptor® pumps and parts are Australian designed and manufactured.

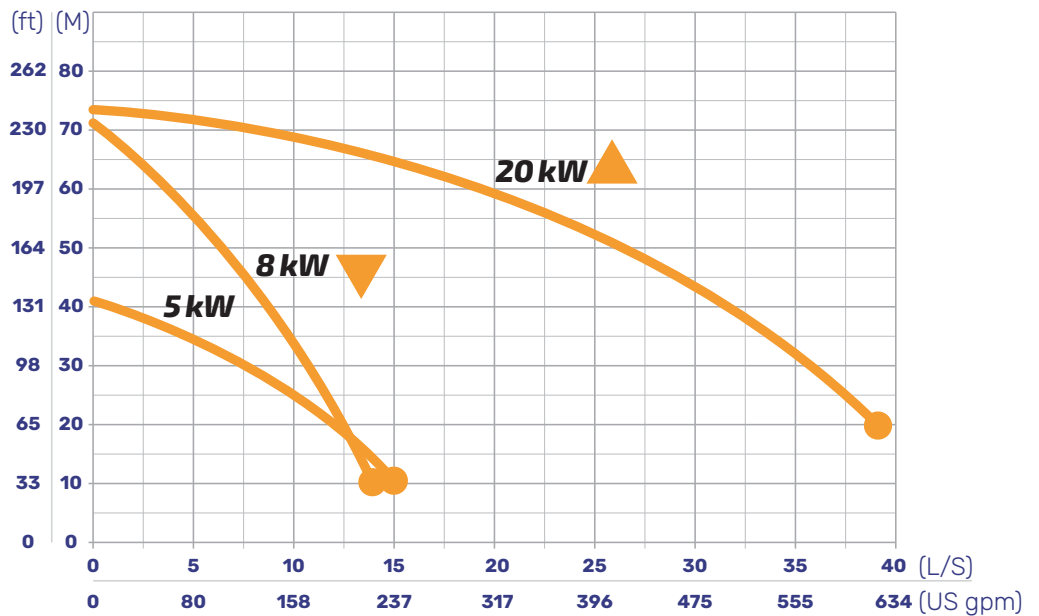
We formed PumpEng® to improve the design of mass-produced pump components for Australian operating conditions. We consulted with Australian maintenance and mining staff and used our own expertise gained through our long association with the mining industry.

We manufacture in small batch runs using special materials to allow for quick design changes so we can reduce operating and maintenance costs through innovative design.

Our results and a long list of satisfied clients that have joined us on the journey to a good day at work is testimony to this.



Power Curves (50Hz & 60Hz)



Raptor® Specifications

Model	Kw	Discharge	Voltage	Solids Passage in mm	Max Head in m	Max Flow l/s	Max Diameter mm	Height mm	Weight kg
PE0512291	5	50mm	415V	8	41	15	350	550	57
PE0512491	5	50mm	600V	8	41	15	350	550	57
PE0512391	5	50mm	1000V	8	41	15	350	550	57
PE0812291	8	80mm	415V	8	72	14	380	720	105
PE0812491	8	80mm	600V	8	72	14	380	720	105
PE0812391	8	80mm	1000V	8	72	14	380	720	105
PE0812591	8	80mm	480V	8	72	14	380	720	105
PE2012291	20	100mm	415V	8	74	39	520	765	185
PE2012491	20	100mm	600V	8	74	39	520	765	185
PE2012391	20	100mm	1000V	8	74	39	520	765	185
PE2012591	20	100mm	480V	8	74	39	520	765	185

Motor Specifications

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

Pump Specifications

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

Full Service Provider



PumpEng® offers a full range of services for submersible pumps including:

Hire

Spare Parts

Repairs

Ongoing Support

PumpEng

Tough Submersible Pumps

Explore Your Options

PumpEng Pty Ltd



Perth
(08) 9434 9922
1/18 Renewable Chase
Bibra Lake WA 6163



Kalgoorlie
(08) 9021 5965
55 Oroya st
Boulder WA 6430



Adelaide
(08) 8448 9830
U3, 9-11 Peekara Street
Regency Park SA 5010

PO Box 1122
Bibra Lake 6965



Townsville
(07) 4766 3160
54 Southwood Road
Stuart QLD 4811

Email Direct



sales@pumpeng.com.au



pumpeng.com.au

International Distribution Network



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