PumpEng

MetalVest

METAL IS BEST PumpEng



The submersible pump with a full metal build for a longer wear life

The MetalVest™ is available in 415V, 480V, 600V and 1000V

Benefits of MetalVest™ for Mining Operations

Performance

Our pump range is specially designed for harsh mining conditions.

Safety

Reduce workplace hazards by reducing the number of breakdowns.

Cost

Reduce equipment lifecycle cost by increasing total pump life.

About Us

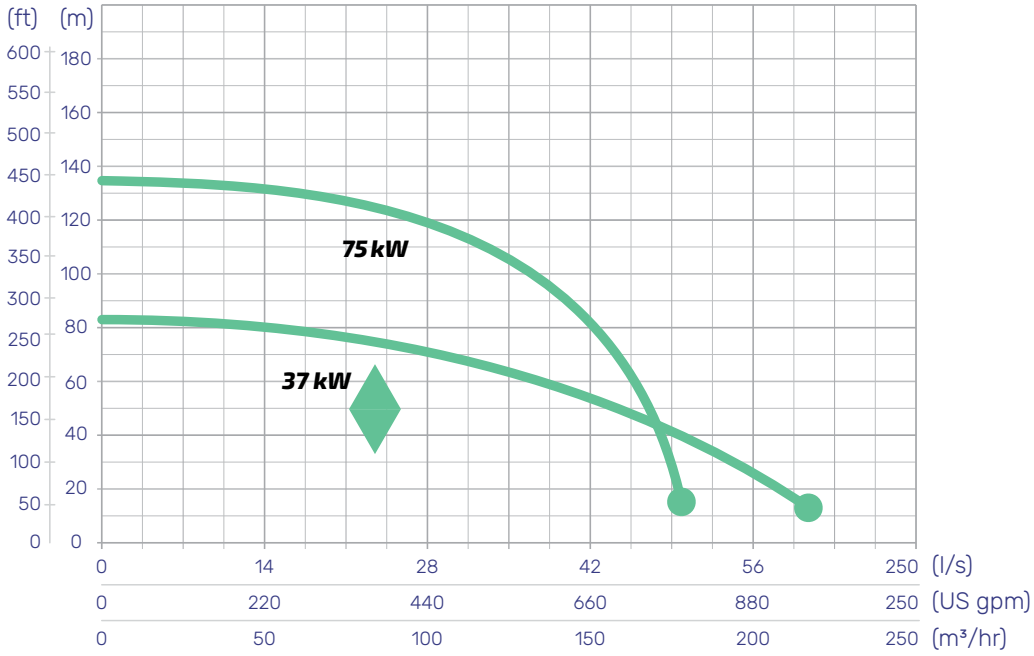
PumpEng is on a mission to redefine underground mine dewatering, prioritising excellence at every turn. Our commitment to innovation, reliability, availability, and personalised support throughout the product lifecycle ensures every mine operator a good day at work.

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)





Fewer Breakdowns

- **Increase production**
- **Increase income**
- **Less manpower**
- **Safer workplace**

MetalVest™ Specifications

Model	kW (Hp)	Voltage (Hz)	Discharge	Solids Passage in mm	Max Head m (ft)	Max Flow l/s (gpm)	Max Diameter mm	Height mm	Weight kg
MPD2A0308	37 (50)	415 (50)	6"	6	83 (260)	60 (951)	530	1072	570
MPD3A0308	37 (50)	1000 (50)	6"	6	83 (260)	60 (951)	530	1072	570
MPD4B0308	37 (50)	480 (60)	6"	6	83 (260)	60 (951)	530	1072	570
MPD5B0308	37 (50)	600 (60)	6"	6	83 (260)	60 (951)	530	1072	570
MPD3B0308	37 (50)	1000 (60)	6"	6	83 (260)	60 (951)	530	1072	570
MPE2A0308	75 (100)	415 (50)	6"	8	132 (425)	50 (792)	550	1630	888
MPE3A0308	75 (100)	1000 (50)	6"	8	132 (425)	50 (792)	550	1630	888

Motor Specifications		
Type		Submersible Continuous Duty
Pole		2-Pole
Insulation Class		B Class
Motor Power Details		1000V, 415V 50Hz 480V, 600V & 1000V 60Hz
Max Liquid Temp		Fluid at 40 °C
Protection Class		IP68
Max Submergence		30m
Materials	Outer Jacket	Steel
	Shaft	Stainless Steel
	Cable	Supplied on Request
	Seal	Tc-Sic / Sic-Sic

Pump Specifications	
Impeller	Closed Impeller, High Chrome
Wear Plate	High Chrome
Mechanical Seal	Tc-Sic / Sic-Sic
Bearing	Heavy duty bearings
Volute Casing	Ductile iron hardened

Applications

- U/G Mining
- Open Cut Mining
- Pit Dewatering
- Industrial
- Deep Wells
- Quarries

The MetalVest™ HH series dewatering pump has a max head of 132m. The all metal design together with the impeller constructed of Hrc provide a longer wear life which extends the life of the pump and reduces repair costs.



PumpEng

Tough Submersible Pumps

Explore Your Options

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