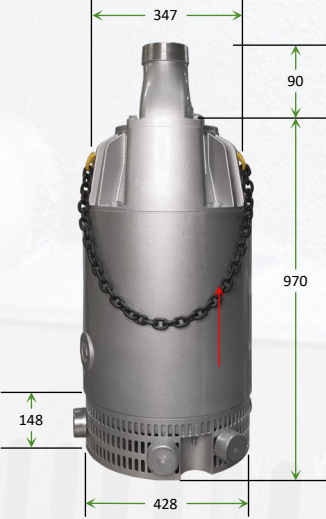
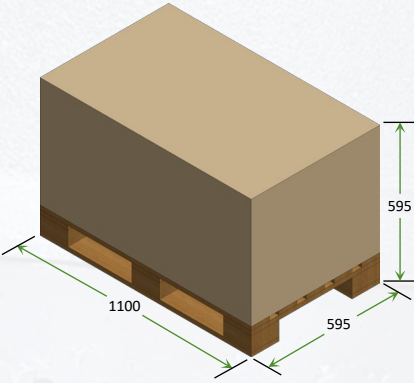
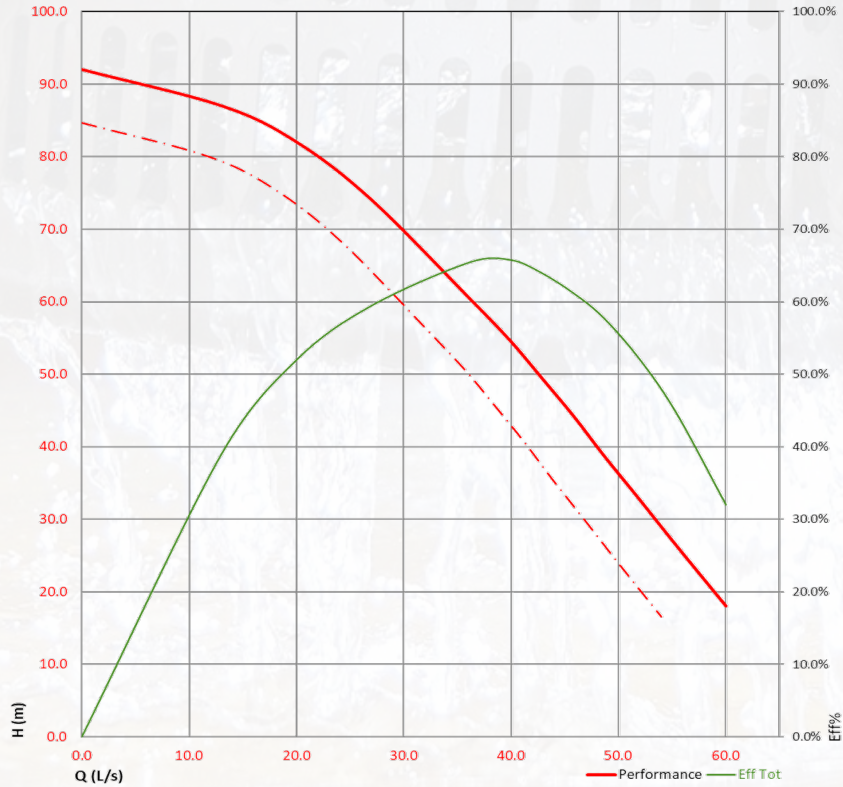
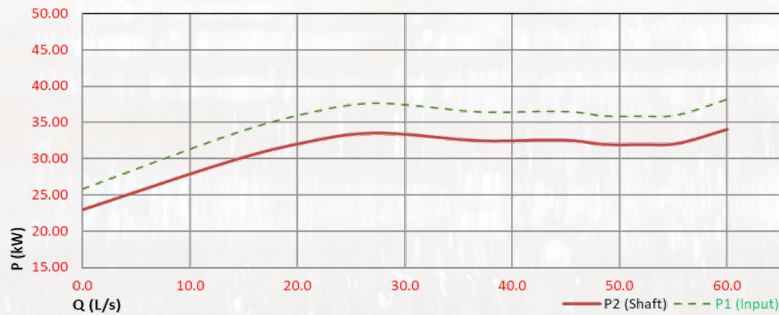


DATA SHEET MTP037KW HH 50HZ

DIMENSIONS		MOTOR SPECIFICATIONS	
Pump only (mm)	Pump packaged (mm)		
 Weight: 234kg	 Weight: 243kg	Rated power	37kW
		Full load output power	39.3kW
		Full load input power	44.1kW
		Rotational speed	2,923 rpm
		Power factor	0.883
		Motor efficiency	89.2 %
		Pump efficiency	66.7 %
		Overall efficiency	59.6 %
		Voltage	Full Load Current (A)
		380V (Δ)	75.52
		400V (Δ)	71.75
		415V (Δ) AU Std	69.15
		440V (Δ)	65.22
		500V (Δ)	57.40
		525V (Δ)	54.66
		550V (Δ)	52.18
		1000V (Y) AU Std	28.70
		*75°C @ 2KVDC/1min	
		Resist Ω*	
		0.246	
		0.269	
		0.291	
		0.332	
		0.431	
		0.483	
		0.530	
		0.580	
PUMP PERFORMANCE		PUMP SPECIFICATIONS	
 H (m) Q (L/s) — Performance — Eff Tot — P2 (Shaft) — P1 (Input)		Motor type	Submersible squirrel-cage induction
		Pump type	Submersible centrifugal
 P (kW) Q (L/s) — P2 (Shaft) — P1 (Input)		Ingress Protection Rating	IP68
		Insulation Class	Class H (IEC 85)
		Motor protection	Stator thermistors in series
		Earth protection	Earth diode in series
		Max allowable consecutive restarts per hour	15
		Discharge connection (AUS Std)	100mm BSPT External
		Cable type (AUS Std)	Type 241.1 screened mining 3G16+3XE+P
		Cable length (AUS Std)	15m
		Zinc anodes	Fitted as standard ex works
		MATERIAL SPECIFICATIONS	
		Outer casing	Aluminium alloy
		Stator housing	Aluminium alloy
		Bearing housing	Aluminium alloy
		Oil housing	Co-polymer polyurethane wear protection
		Diffusers	Stainless steel
		Suction covers	316 Stainless steel / Viton + Tungsten / Silicon carbides
		Impellers	Duplex Stainless steel
		Mechanical seals	NBR + Hi-temp HNBR + Viton
		Rotor shaft	316 Stainless steel
		O-rings	
		Strainer	
		APPLICATION SPECIFICATIONS	
		Maximum submerged depth	20m
		Max liquid temperature	40°C
		Allowable pumped liquid pH	5-8
		Maximum liquid density	1,100 kgm ³
		Maximum spherical solid Ø	6mm strainer hole