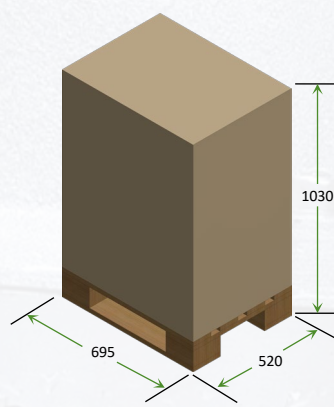
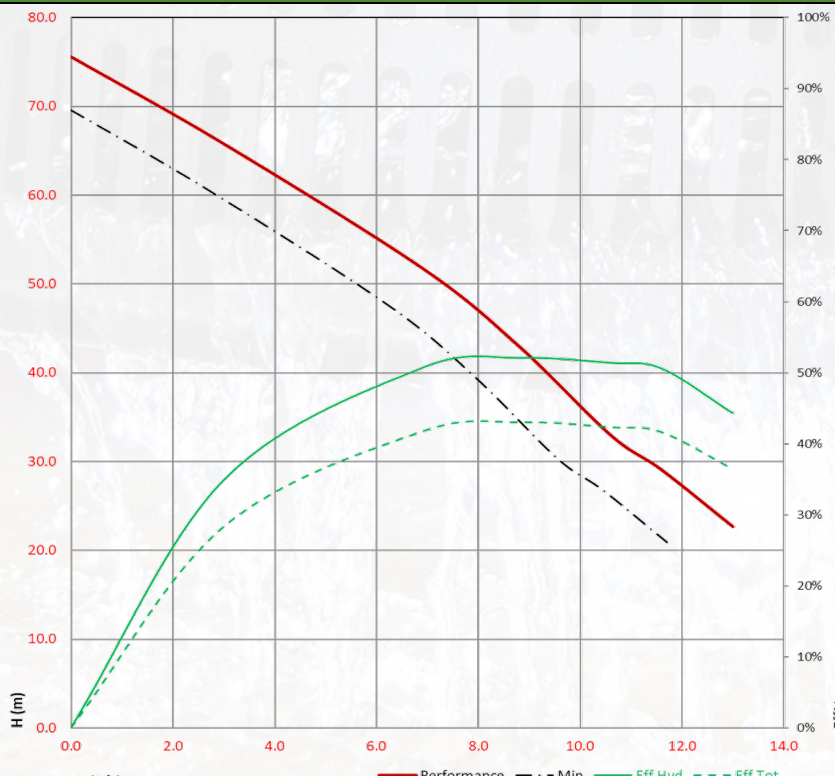
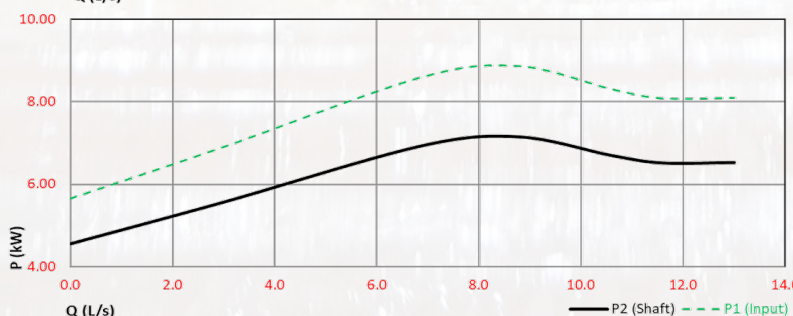
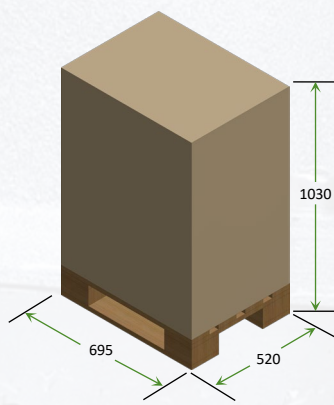
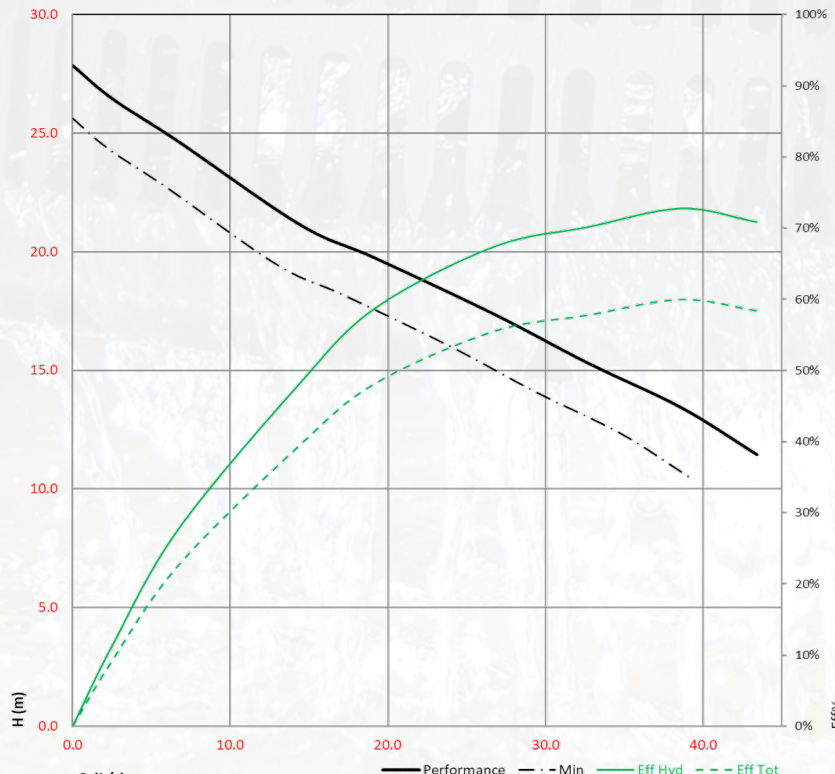


DATA SHEET MTP008KW HH 50HZ

DIMENSIONS		MOTOR SPECIFICATIONS	
Pump only (mm)	Pump packaged (mm)		
			
Weight: 89kg	Weight: 95kg		
		Rated power8kW	
		Full load output power8.8kW	
		Full load input power10.9kW	
		Rotational speed2,811 rpm	
		Power factor0.819	
		Motor efficiency81.2 %	
		Pump efficiency53.1 %	
		Overall efficiency43.7 %	
		Voltage	Full Load Current (A)
		380V (Δ)	18.28
		400V (Δ)	17.36
		415V (Δ) AU Std	16.74
		440V (Δ)	15.78
		500V (Δ)	13.89
		525V (Δ)	13.23
		550V (Δ)	12.63
		1000V (Y) AU Std	6.95
		Resist Ω*	
		1.780	
		1.960	
		2.158	
		2.420	
		3.100	
		3.440	
		3.850	
		3.970	
		*75°C @ 2KVDC/1min	
PUMP PERFORMANCE		PUMP SPECIFICATIONS	
		Motor typeSubmersible squirrel-cage induction	
		Pump typeSubmersible centrifugal	
		Ingress Protection RatingIP68	
		Insulation ClassClass H (IEC 85)	
		Motor protectionStator thermistors in series	
		Earth protectionEarth diode in series	
		Max allowable consecutive restarts per hour15	
		Discharge connection (AU Std)75mm BSPP Internal	
		Cable type (AU Std)Type 241.1 screened mining 3G6+3XE+1XP	
		Cable length (AU Std)15m	
		Zinc anodesFitted as standard ex works	
			

DATA SHEET MTP008KW HV 50HZ

DIMENSIONS		MOTOR SPECIFICATIONS		
Pump only (mm)	Pump packaged (mm)			
				
Weight: 89kg	Weight: 95kg			
		Rated power8kW		
		Full load output power8.8kW		
		Full load input power10.9kW		
		Rotational speed2,811 rpm		
		Power factor0.819		
		Motor efficiency81.2 %		
		Pump efficiency72.8 %		
		Overall efficiency60.0 %		
		Voltage	Full Load Current (A)	
		380V (Δ)	18.28	
		400V (Δ)	17.36	
		415V (Δ) AU Std	16.74	
		440V (Δ)	15.78	
		500V (Δ)	13.89	
		525V (Δ)	13.23	
		550V (Δ)	12.63	
		1000V (Y) AU Std	6.95	
		*75°C @ 2KVDC/1min		
PUMP PERFORMANCE		PUMP SPECIFICATIONS		
		Motor type	Submersible squirrel-cage induction	
		Pump type	Submersible centrifugal	
		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 (AU Std)	100mm BSPP Internal	
		Cable type (AU Std)	Type 241.1 screened mining 3G6+3XE+1XP	
		Cable length (AU Std)	15m	
		Zinc anodes	Fitted as standard ex works	
		MATERIAL SPECIFICATIONS		
		Outer casing	Stator housing	
		Bearing housing	Oil housing	
		Diffusers	Suction covers	
		Oil housing	Diffusers	
		Suction covers		
		Impellers	Stainless steel	
		Mechanical seals	316 Stainless steel / Viton + Tungsten / Silicon carbides	
		Rotor shaft	Duplex Stainless steel	
		O-rings	NBR + Hi-temp HNBR + Viton	
		Strainer	316 Stainless steel	
		APPLICATION SPECIFICATIONS		
		Maximum submerged depth	20m	
		Max liquid temperature	40°C	
		Allowable pumped liquid pH	5-8	
		Maximum liquid density	1,100 kgm³	
		Maximum spherical solid Ø	6mm strainer hole	