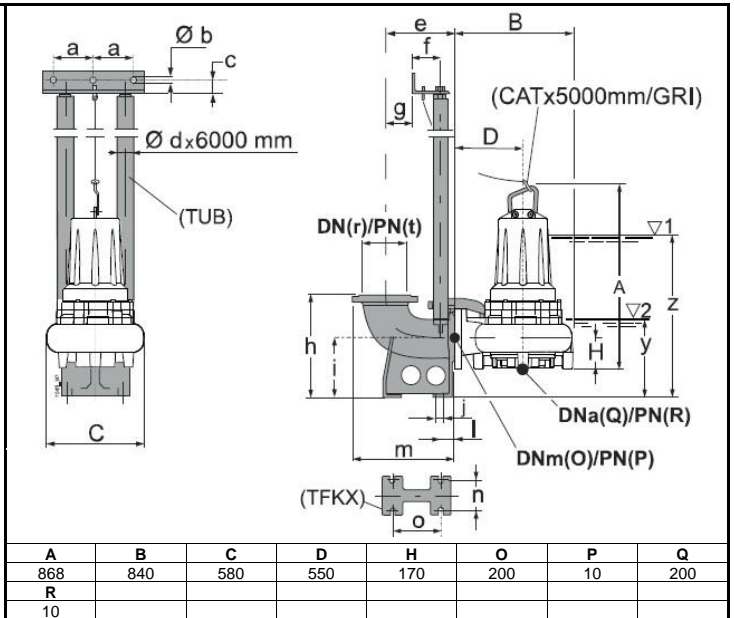
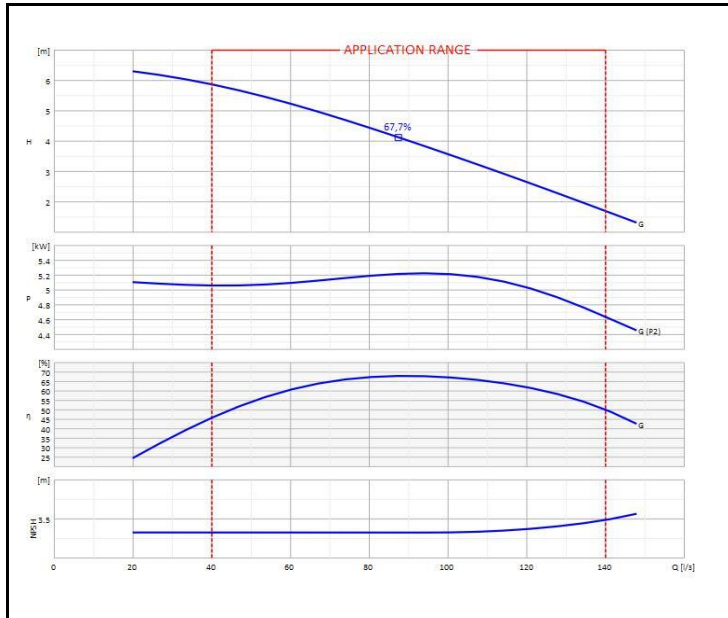




Harmony of the Nature



Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KONTROLL KCD-40.65.6NG
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OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS				
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		200 mm		
					Type of Impeller		Double channel		
					Moment of inertia		0,29304 Kgm ²		
					Electric pump weight	Installation	236	-	Kg
					Seal on pump side	Motor side	Mechanical	Mechanical	
					Type of installation		-	-	
					Operation		Continuous (S1)		

OPERATING LIMITS			OPERATING CHARACTERISTICS				
Pumped liquid	Waste water		Service flow rate		-	-	
Max. temperature of pumped liquid	40	°C	Service head		-	-	
Maximum density	1	kg/dm ³	H (Q=0)	Hmax	8	5,9	
Maximum viscosity	1	mm ² /s	Qmin	Qmax	40	140	
Max. solid content	4	%	Power consumption at duty point		-	-	
Max. number of starts/hr	15		Max power consumption		5,2	kW	
Free passage	100x110	mm	Pump efficiency		-	-	
Minimum immersion depth	446	mm	Sense of rotation (*)		Clockwise		
ELECTRIC PUMP MATERIALS			Number of pumps installed		Operating	Stand-by	
					1	0	
ELECTRIC MOTOR CHARACTERISTICS			Nominal power		6,5	kW	
			Rated frequency		50	Hz	
			Rated voltage		400	V	
			Rated current		15,6	A	
			No. Poles	Rotation speed	6	950	1/min
			Type of motor		3 ~		
			Efficiency 4/4		80,0 %		
			Power factor 4/4		0,760		
			Is/In	Ts/Tn	5,6		
			Thermal protection		Klixon		
			Insulation class		F		
			Protection class		IP68		
			Explosion-proof		n.a.		
			Power supply cable	Length	NSSHO	10	m
Efficiency class	S.F			1			