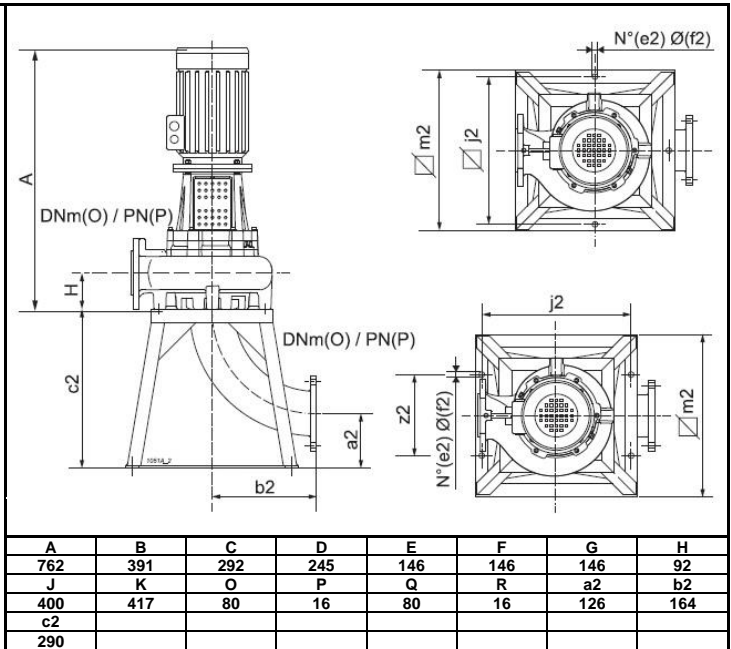
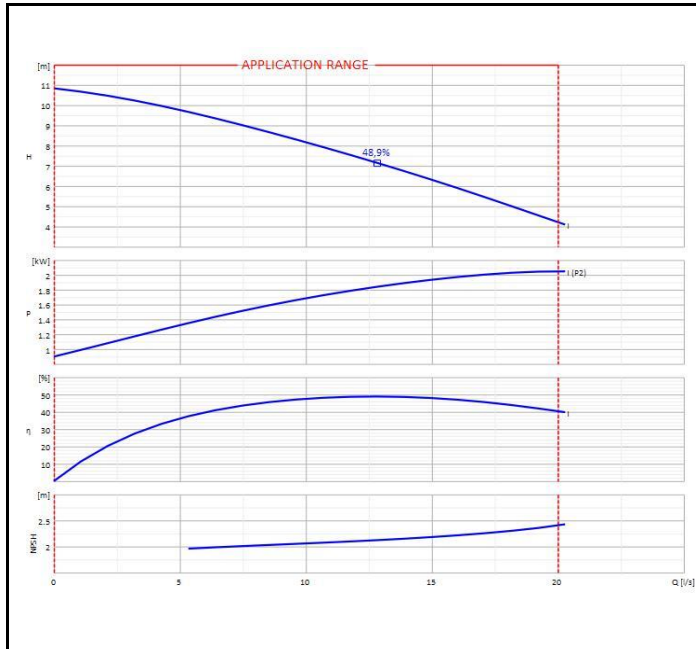




Harmony of the Nature



Type	ELECTRIC PUMP FOR WASTE WATER	Model	KONTROLL KD-40.22.4HI-T
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OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		80	mm
					Type of Impeller			
					Open retracted			
					Moment of inertia			
					Installation	Electric	Accessories	69 - Kg
					Seal on pump side	Motor side	Mechanical	Mechanical
					Type of installation			
							-	-

OPERATING LIMITS			OPERATING CHARACTERISTICS		
pumped liquid	Waste water		Service flow rate	-	-
Max. temperature of pumped liquid	60	°C	Service head	-	-
Maximum density	1	kg/dm ³	H (Q=0)	10,8	10,8
Maximum viscosity	1	mm ² /s	Hmax (Qmin)	0	20
Max. solid content	4	%	Qmin	Qmax	l/s
Max. number of starts/hr	-	-	Power consumption at duty point	-	-
Free passage	80	mm	Max power consumption	2	kW
			Pump efficiency	Overall efficiency	-
			Sense of rotation (*)		
			Clockwise		

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS	
Delivery body	Cast iron	Number of pumps installed	
Bearing support	Nodular cast iron	Operating	Stand-by
Impeller	Cast iron	1	0
Pump shaft	Stainless steel	ELECTRIC MOTOR CHARACTERISTICS	
Flange bearing	Cast iron	Nominal power	2,2 kW
Oil box	Cast iron	Rated frequency	50 Hz
Lantern bracket	Cast iron	Rated voltage	400 V
Protective casing	Stainless steel	Rated current	4,62 A
Conductivity probe	Brass	No. Poles	4
Elastic ring	Steel	Rotation speed	1440 1/min
Seal ring	Rubber	Efficiency class	IE3
Belleville washer	Stainless steel	Type of motor	3 ~
Seal ring	Rubber	Efficiency 4/4 - 3/4	86,7 - 86,8 %
Plug	Stainless steel	Power factor 4/4 - 3/4	0,798
Mechanical seal on pump side	Ceramic/graphite	Is/In	8
Mechanical seal on motor side	Ceramic/graphite	Ts/Tn	2,4
		Thermal protection	
		Insulation class	F
		Protection class	IP55
		Mounting	V1