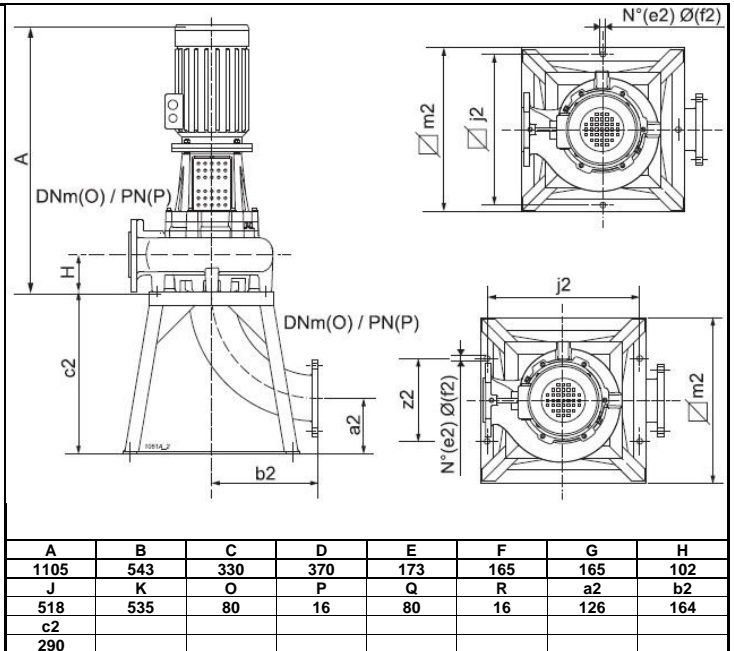
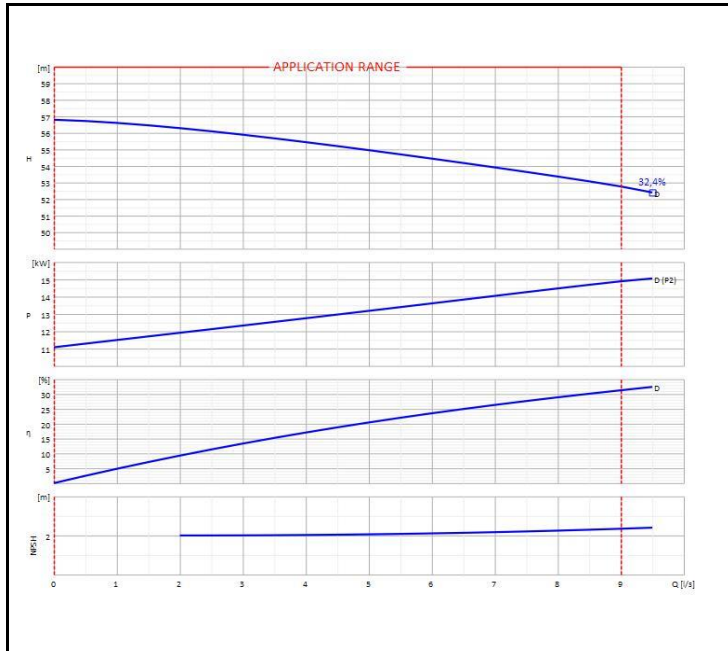




Harmony of the Nature



Type	ELECTRIC PUMP FOR WASTE WATER	Model	KONTROLL KD-60.75.LD-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	146	- 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)	Hmax (Qmin)	56,8	56,8 m
Maximum viscosity	1	mm ² /s	Qmin	Qmax	0	9 l/s
Max. solid content	4	%	Power consumption at duty point		-	-
Max. number of starts/hr	-		Max power consumption		14,9	kW
Free passage	80	mm	Pump efficiency	Overall efficiency	-	-
			Sense of rotation (*)		Clockwise	

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS		
Delivery body	Cast iron	Nominal power		15 kW
Bearing support	Nodular cast iron	Rated frequency		50 Hz
Impeller	Cast iron	Rated voltage		400 V
Pump shaft	Stainless steel	Rated current		27,1 A
Flange bearing	Cast iron	No. Poles	Rotation speed	2 2940 1/min
Oil box	Cast iron	Efficiency class		IE3
Lantern bracket	Cast iron	Type of motor		3 ~
Protective casing	Stainless steel	Efficiency 4/4 - 3/4		91,9 - 92,0 %
Conductivity probe	Brass	Power factor 4/4 - 3/4		0,87
Elastic ring	Steel	Is/In	Ts/Tn	8,1 2
Seal ring	Rubber	Thermal protection		PTC
Belleville washer	Stainless steel	Insulation class		F
Seal ring	Rubber	Protection class		IP55
Plug	Stainless steel	Mounting		V1
Mechanical seal on pump side	Ceramic/graphite			
Mechanical seal on motor side	Ceramic/graphite			