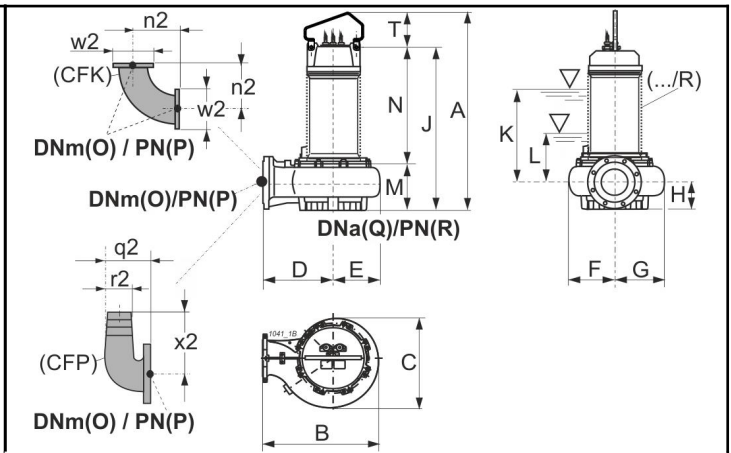
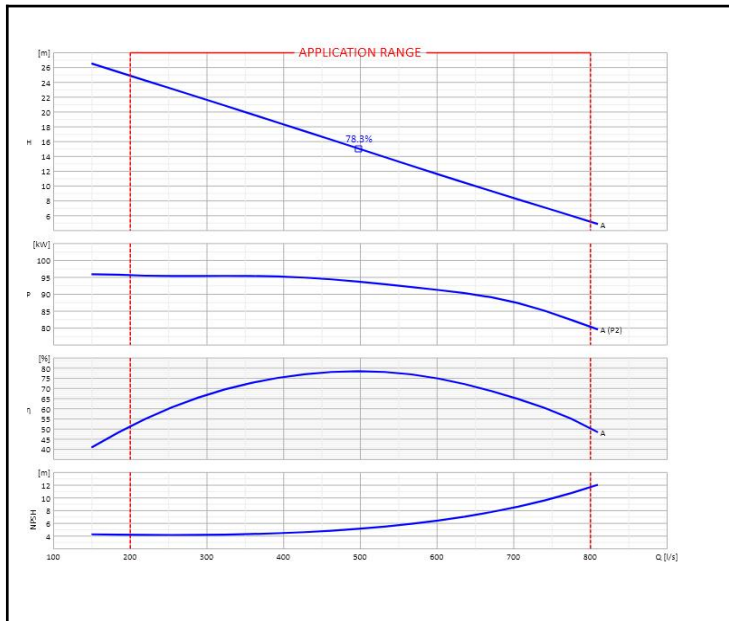


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KCD350TA+100062N1



Dimensioni [mm]							
A	1908	J	1540	Q	350		
B	1170	K	1177	R	10		
C	935	L	192	T	368		
D	700	M	423	w2	505		
E	470	N	1117				
F	385	n2	540				
G	550	O	350				
H	268	P	10				

OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	350 mm		
					Type of Impeller	Double channel		
					Moment of inertia	5.09048 Kg ^{m2}		
					Electric pump weight	Installation	1544	Kg
					Seal on pump side	Motor side	Mechanical	Mechanical
					Type of installation	n.d.		
					Operation	Continuous (S1)		

OPERATING LIMITS			OPERATING CHARACTERISTICS			
Pumped liquid	Waste water		Service flow rate	n.d.		n.d.
Max. temperature of pumped liquid	40	°C	Service head	n.d.		n.d.
Maximum density	1	kg/dm ³	H (Q=0)	Hmax	31.71	24.86
Maximum viscosity	1	mm ² /s	Qmin	Qmax	200	800
Max. solid content	4	%	Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	8		Max power consumption	95.53		kW
Free passage	164	mm	Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	1177	mm	Sense of rotation (*)	Clockwise		
ELECTRIC PUMP MATERIALS			Number of pumps installed	Operating	Stand-by	
				1	0	

ELECTRIC PUMP MATERIALS			ELECTRIC MOTOR CHARACTERISTICS			
Support bearing	Nodular cast iron		Nominal power	100		kW
Head cover	Cast iron		Rated frequency	50		Hz
Cable clamp	Cast iron		Rated voltage	400		V
Round power cable	n.d.		Rated current	177		A
Round auxiliary cable	n.d.		No. Poles	Rotation speed	6	980
Motor casing	Cast iron		Type of motor	3 ~		
Shaft	Stainless steel		Efficiency 4/4	91.0 %		
Conductivity probe	n.d.		Power factor 4/4	0.890		
Delivery body	Cast iron		Is/In	Ts/Tn	6.7	n.d.
Impeller	Cast iron		Thermal protection	Klixon		
Oil box	Cast iron		Insulation class	F		
Ring impeller seat	Steel/Rubber		Protection class	IP68		
Mechanical seal on pump side	Silicon carbide/silicon carbide		Explosion-proof	n.a.		
Mechanical seal on motor side	Stainless steel/graphite		Power supply cable	Length	H07RN-	10
Screws and nuts	Stainless steel		Efficiency class	S.F		n.d.

Notes:	(*) Viewed from motor coupling side	
OFFER No.	Pos.	Date
		14/01/2020