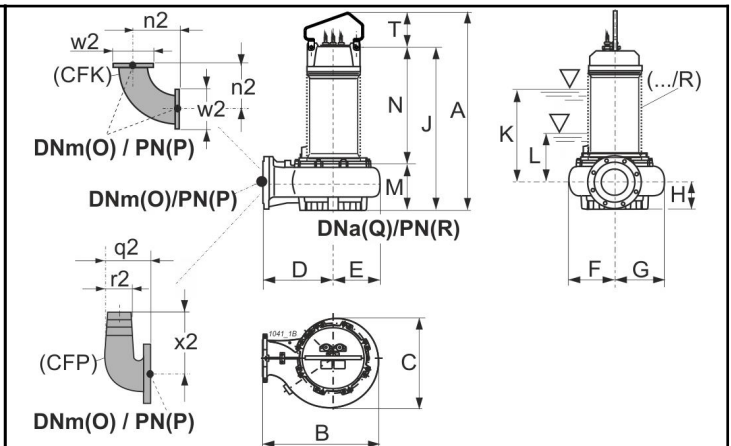
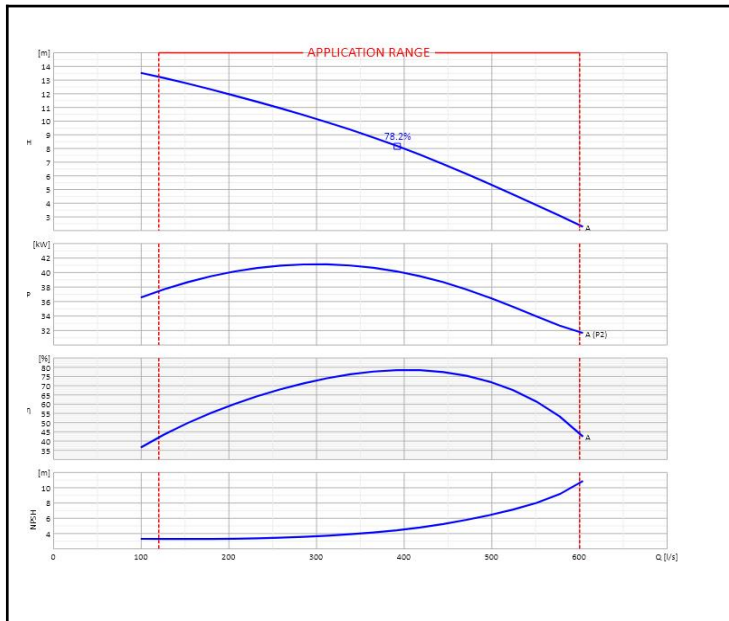


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KCD350RA+042082N1
		Required head	n.d.



Dimensioni [mm]					
A	1672.5	J	1385	Q	350
B	1170	K	1002	R	10
C	935	L	192	T	287.5
D	700	M	423	w2	505
E	470	N	962		
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	4.65075		Kgm ²
					Electric pump weight	Installation	1155	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	16.11	13.22
Maximum viscosity	1	mm ² /s		Qmin	Qmax	120	600
Max. solid content	4	%		Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	10			Max power consumption	41.06		kW
Free passage	164	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	1002	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	42		kW
Head cover	Cast iron			Rated frequency	50		Hz
Cable clamp	Cast iron			Rated voltage	400		V
Round power cable	n.d.			Rated current	90.5		A
Round auxiliary cable	n.d.			No. Poles	Rotation speed	8	720
Motor casing	Cast iron			Type of motor	3 ~		
Shaft	Stainless steel			Efficiency 4/4	86.3 %		
Conductivity probe	n.d.			Power factor 4/4	0.775		
Delivery body	Cast iron			Is/In	Ts/Tn	4	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	Silicon carbide/silicon carbide			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