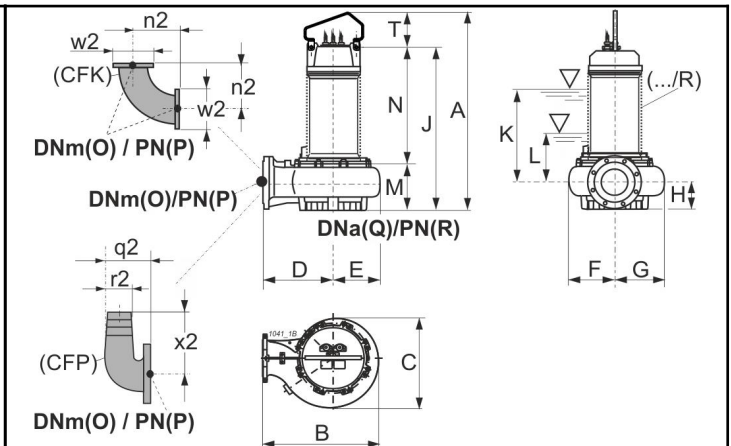
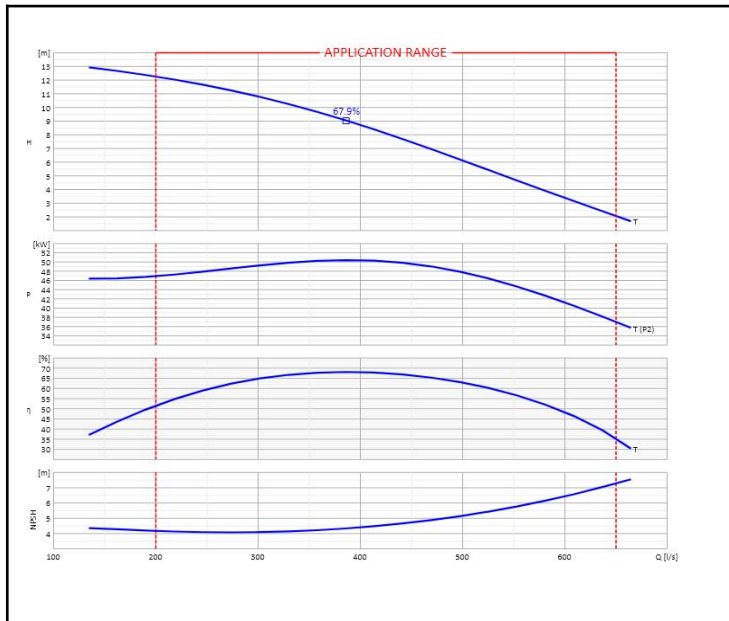


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KCD350RT+051062N1/R
		Required head	n.d.



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		3.80576 Kg <sup>m2</sup>	
					Electric pump weight	Installation	1219	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 <sup>3</sup>		H (Q=0)	Hmax	15.17	12.23	
Maximum viscosity	1	mm <sup>2</sup> /s		Qmin	Qmax	200	650	
Max. solid content	4	%		Power consumption at duty point	n.d.		n.d.	
Max. number of starts/hr	10			Max power consumption	50.31		kW	
Free passage	164	mm		Pump efficiency	Overall	n.d.	n.d.	
Minimum immersion depth	1002	mm		Sense of rotation (*)	Clockwise			
<b>ELECTRIC PUMP MATERIALS</b>				Number of pumps installed	Operating	1	Stand-by	0

ELECTRIC PUMP MATERIALS				ELECTRIC MOTOR CHARACTERISTICS			
Support bearing	Nodular cast iron			Nominal power	51		kW
Cooling jacket	Stainless steel			Rated frequency	50		Hz
Head cover	Cast iron			Rated voltage	400		V
Cooling pipe	Stainless steel/PTFE			Rated current	103		A
Cable clamp	Cast iron			No. Poles	Rotation speed	6	985
Round power cable	n.d.			Type of motor	3 ~		
Round auxiliary cable	n.d.			Efficiency 4/4	90.0 %		
Motor casing	Cast iron			Power factor 4/4	0.790		
Shaft	Stainless steel			Is/In	Ts/Tn	5.8	n.d.
Conductivity probe	n.d.			Thermal protection	Klixon		
Delivery body	Cast iron			Insulation class	F		
Impeller	Cast iron			Protection class	IP68		
Oil box	Cast iron			Explosion-proof	n.a.		
Ring impeller seat	Steel/Rubber			Power supply cable	Length	H07RN-	10
Mechanical seal on pump side	Silicon carbide/silicon carbide			Efficiency class	S.F	n.d.	
Mechanical seal on motor side	Silicon carbide/silicon carbide						
Screws and nuts	Stainless steel						

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