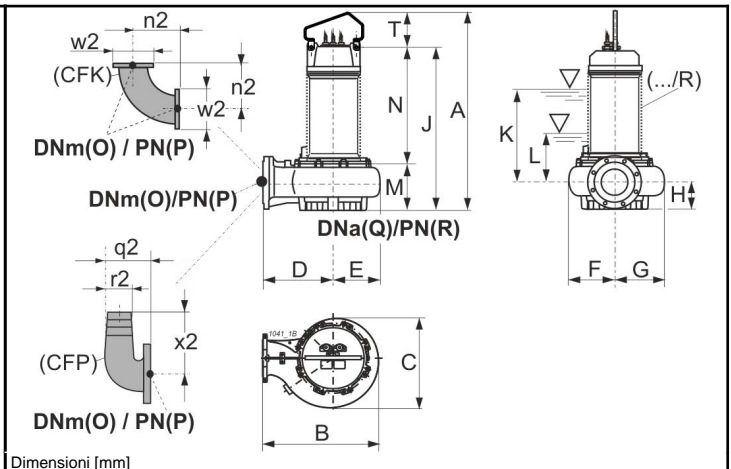
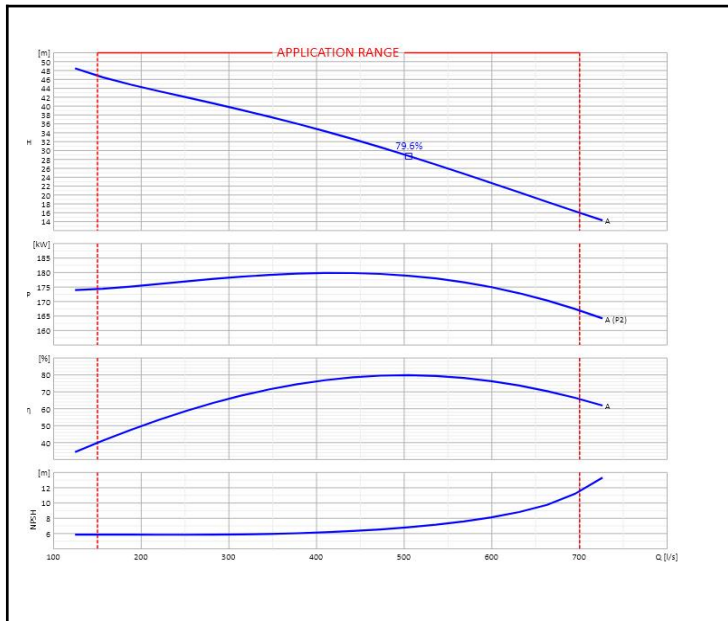


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KCD300TA+180042N1



Dimensioni [mm]							
A	2103	J	1717	Q	300		
B	1030	K	1315	R	10		
C	820	L	155	T	386		
D	620	M	382	w2	445		
E	410	N	1335				
F	340	n2	465				
G	480	O	300				
H	230	P	10				

OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	300 mm		
					Type of Impeller	Double channel		
					Moment of inertia	3.94908 Kg·m ²		
					Electric pump weight	Installation	1893	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.		
Max. temperature of pumped liquid	40	°C		Service head	n.d.		
Maximum density	1	kg/dm ³		H (Q=0)	Hmax	56.65	46.81
Maximum viscosity	1	mm ² /s		Qmin	Qmax	150	700
Max. solid content	4	%		Power consumption at duty point	n.d.		
Max. number of starts/hr	6			Max power consumption	179.69 kW		
Free passage	143	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	1315	mm		Sense of rotation (*)	Clockwise		

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Support bearing	Nodular cast iron	Nominal power	180 kW		
Head cover	Cast iron	Rated frequency	50 Hz		
Cable clamp	Cast iron	Rated voltage	400 V		
Round power cable	n.d.	Rated current	321.2 A		
Round auxiliary cable	n.d.	No. Poles	Rotation speed	4	1485
Motor casing	Cast iron	Type of motor	3 ~		
Shaft	Stainless steel	Efficiency 4/4	94.0 %		
Conductivity probe	n.d.	Power factor 4/4	0.850		
Delivery body	Cast iron	Is/In	Ts/Tn	6.8	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 m
Screws and nuts	Stainless steel	Efficiency class	S.F	n.d.	

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