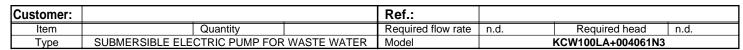
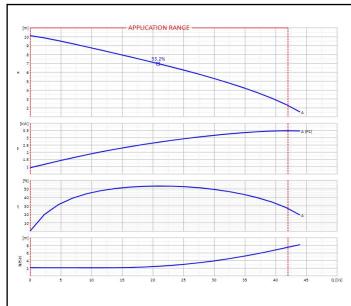
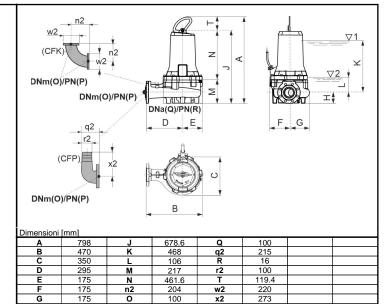


TECHNICAL DATA SHEET









OPERATING DATA- ISO 9906:2012 3B -				CONSTRUCTION CHARACTERISTICS					
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	100	0	mm	
					Type of Impeller	Open retracted		cted	
					Moment of inertia		0.10671 Kgm²		
					Electric pump weight	Installation	140.9		Kg
					Seal on pump side	Motor side	Mechanical		Mechanical
					Type of installation		n.d.		
				Operation		Continuous (S1)			

OPERATING LIMITS				OPERATING CHARACTERISTICS ****				
Pumped liquid	Waste	Waste water		Service flow rate		n.d.		n.d.
Max. temperature of pumped liquid	40 °C		Service hea	Service head		n.d.		n.d.
Maximum density	1	kg/dm³	H (Q=0)	H (Q=0) Hmax		0	10.1	m
Maximum viscosity	1	mm²/s	Qmin	Qmin Qmax		0	42	l/s
Max. solid content	4	%	Power consumption at duty point		n.d.		n.d.	
Max. number of starts/hr	20		Max power consumption		3.47		kW	
Free passage	100	mm		Pump efficiency Overall		n.d.	n.d.	n.d.
Minimum immersion depth	468	mm	Sense of rotation (*)		Clockwis		se	
ELECTRIC PUMP MATERIALS			Number of pumps installed		Operating		Stand-by	
					1		0	
Flange for mechanical seal Nodular cast iron			ELECTRIC MOTOR CHARACTERISTICS					
Support bearing Cast iron								
Cable clamp	able clamp Stainless steel		Nominal po	Nominal power			4	
Motor casing	Cast iron		Rated frequ	Rated frequency		50		Hz
Stator	Electrical steel		Rated voltage	Rated voltage		400		V
Complete shaft with rotor	Stainless steel/Magnetic steel		Rated current		9		Α	
Conductivity probe	n.d.		No. Poles	No. Poles Rotation speed		6	970	1/min
Oil centrifuge	Technopolymer		Type of motor		3 ~			
Round power cable n.d.		Efficiency 4/4-3/4-2/4 (**)		84,8 - 86,1 - 83,9 %				
Delivery body Cast iron			Power factor 4/4-3/4-2/4		0,755 - 0,665 - 0,515			
Impeller	Cast iron		Is/In Ts/Tn		5.8	3	n.d.	
Ring impeller seat			Thermal protection		Klixon			
Mechanical seal on pump side silicon carbide/ceramic			Insulation class			Н		
Oil box	Cast iron		Protection of	Protection class		IP68		
Mechanical seal on motor side	Ceramic/graphite		Explosion-proof		n.a.			
Screws and nuts	Stainless steel		Power supp	ly cable	Length	NSSHO	10	m
			Efficiency cl	lass	S.F	IE3		n.d.

Notes: (*) Viewed from motor coupling side; (**) Efficiency testing method according to IEC60034-2-1							
	OFFER No.	Pos.	Date 16/01/2020				

T400IT-V01