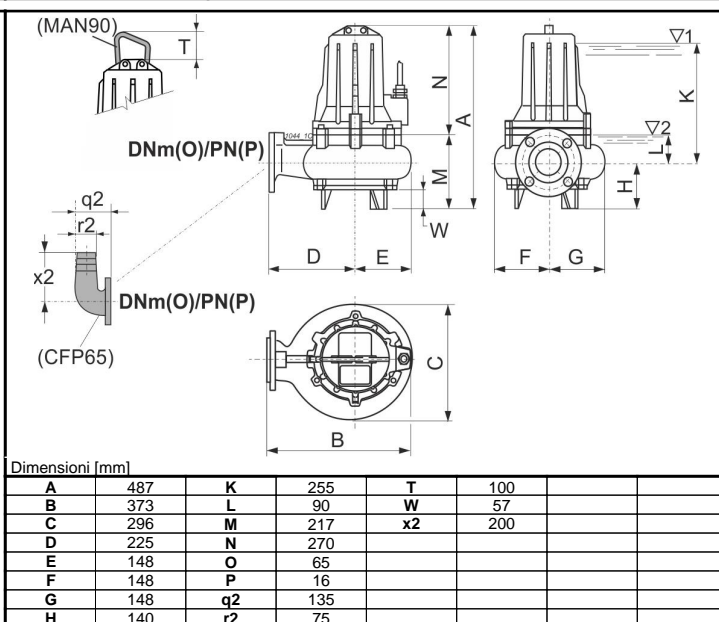
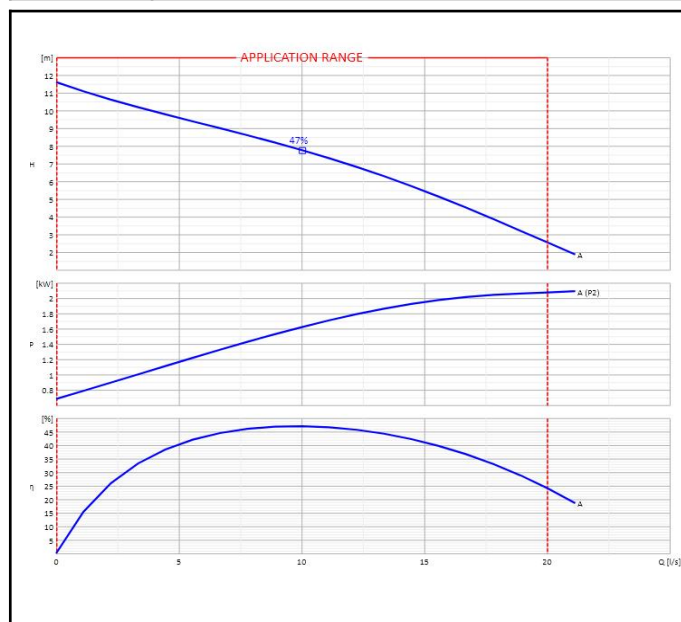


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	KCW065FA+002241N1



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		65	mm
					Type of Impeller		Open retracted	
					Moment of inertia		0.01114 Kgm²	
					Electric pump weight	Installation	54	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/dm³		H (Q=0)	Hmax	11.6	11.6
Maximum viscosity	1	mm²/s		Qmin	Qmax	0.01	20
Max. solid content	4	%		Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	20			Max power consumption	2.07		kW
Free passage	55	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	255	mm		Sense of rotation (*)	Clockwise		
ELECTRIC PUMP MATERIALS				Number of pumps installed		Operating	Stand-by
						1	0

Support bearing	Nodular cast iron	ELECTRIC MOTOR CHARACTERISTICS			
Cable clamp	Brass				
Round power cable	n.d.	Nominal power	2.2	kW	
Motor casing	Cast iron	Rated frequency	50	Hz	
Stator	Electrical steel	Rated voltage	400	V	
Complete shaft with rotor	Stainless steel/Magnetic steel	Rated current	5	A	
Conductivity probe	n.d.	No. Poles	4	Rotation speed	1390
Elastic ring	Steel	Type of motor	3 ~		
Delivery body	Cast iron	Efficiency 4/4	76.0 %		
Suction support	Cast iron	Power factor 4/4	0.840		
Impeller	Cast iron	Is/In	3.9	Ts/Tn	n.d.
Ring impeller seat		Thermal protection			
Mechanical seal on pump side	silicon carbide/ceramic	Insulation class	F		
Mechanical seal on motor side	Ceramic/graphite	Protection class	IP68		
Screws and nuts	Stainless steel	Explosion-proof	n.a.		
		Power supply cable	Length	H07RN8	10
		Efficiency class	S.F	n.d.	

Notes:	(*) Viewed from motor coupling side
OFFER No.	Pos.
	Date
	16/01/2020