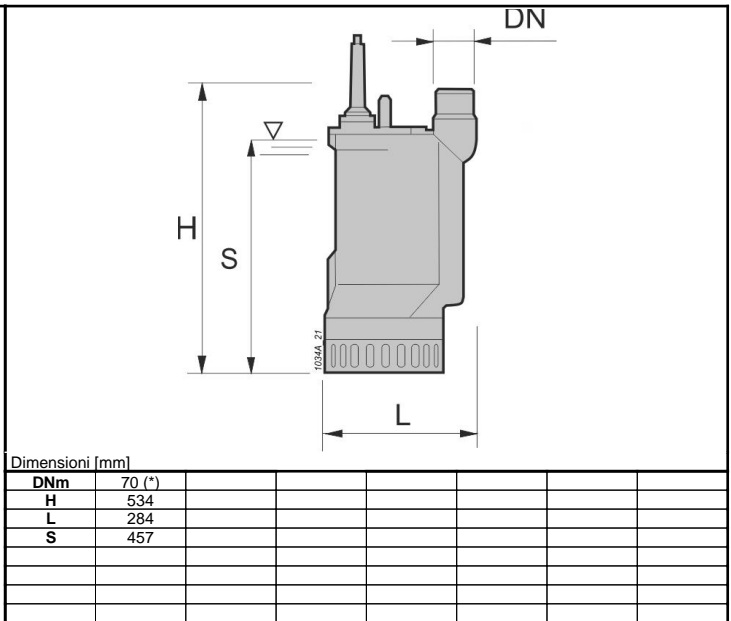
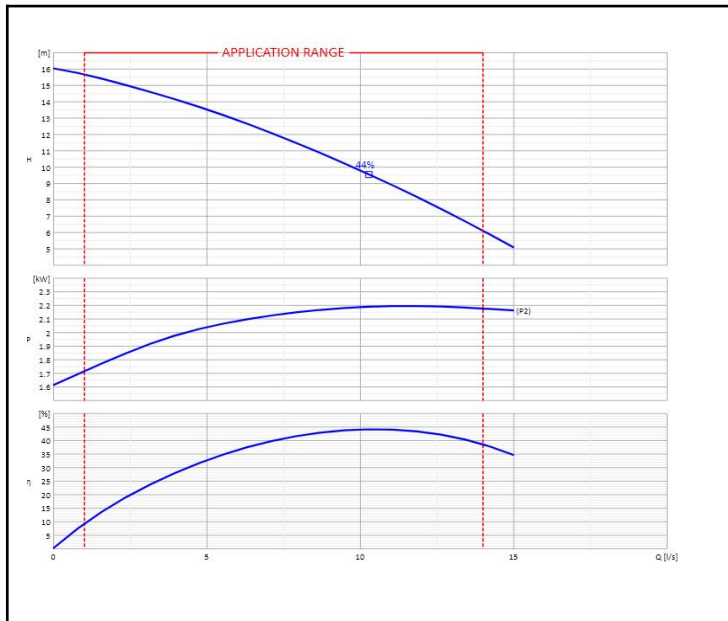


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	DRN22T-400V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		70 mm	
					Type of Impeller		Open impeller	
					Moment of inertia		n.d.	
					Electric pump weight	Installation	30	Kg
					Seal on pump side	Motor side	Mechanical	n.d.
					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/dm³		H (Q=0)	Hmax	0	15.65
Maximum viscosity	1	mm²/s		Qmin	Qmax	1	14
Max. solid content	n.d.	%		Power consumption at duty point		n.d.	
Max. number of starts/hr	20			Max power consumption		2.19	
Free passage	6	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	n.d.	n.d.		Sense of rotation (*)		Clockwise	

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Round power cable	n.d.	Nominal power		2.2 kW	
Stator	Electrical steel	Rated frequency		50 Hz	
Motor casing	Aluminium	Rated voltage		400 V	
Rotor	Electrical steel	Rated current		5.2 A	
Mechanical seal	Ceramic/graphite	No. Poles	Rotation speed	2	2800
Strainer	Aluminium	Type of motor		3 ~	
Impeller	Cast iron	Efficiency 4/4		73.0 %	
Mechanical seal on pump side	Silicon carbide/silicon carbide	Power factor 4/4			
Delivery casing	Aluminium	Is/In	Ts/Tn	n.d.	
Wear plate	Aluminium/rubber	Thermal protection			
Pump casing	Aluminium	Insulation class		F	
		Protection class		IP68	
		Explosion-proof		n.a.	
		Power supply cable	Length	H07RN-	10 m
		Efficiency class	S.F	n.d.	

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