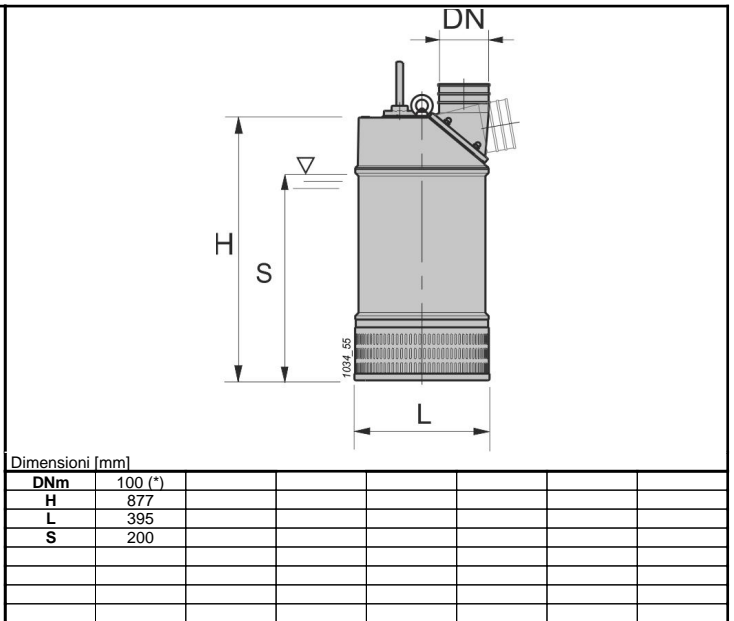
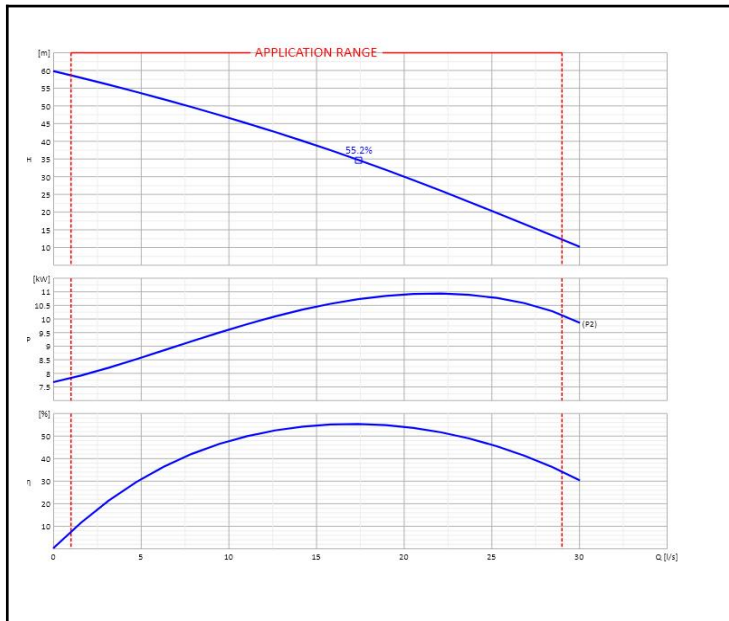


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	DRH110T-400V
		Required head	n.d.



OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		100 mm	
					Type of Impeller		Open impeller	
					Moment of inertia		n.d.	
					Electric pump weight	Installation	192	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	0	58.52
Maximum viscosity	1	mm²/s	Qmin	Qmax	1	29
Max. solid content	n.d.	%	Power consumption at duty point		n.d.	n.d.
Max. number of starts/hr	10		Max power consumption		10.92	kW
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			Number of pumps installed		Operating	Stand-by
					1	0

Round power cable	n.d.	ELECTRIC MOTOR CHARACTERISTICS				
Stator	Electrical steel	Nominal power		11	kW	
Motor casing	Cast iron	Rated frequency		50	Hz	
Rotor	Electrical steel	Rated voltage		400	V	
Mechanical seal	Ceramic/graphite	Rated current		24	A	
Strainer	Stainless steel	No. Poles	Rotation speed	2	2850	
Impeller	Nodular cast iron	Type of motor		3 ~		
Mechanical seal on pump side	Silicon carbide/silicon carbide	Efficiency 4/4		78.6 %		
Delivery casing	Cast iron	Power factor 4/4				
Wear plate	Cast iron/rubber	Is/In	Ts/Tn	n.d.	n.d.	
Pump casing	Cast iron/rubber	Thermal protection				
		Insulation class		F		
		Protection class		IP68		
		Explosion-proof		n.a.		
		Power supply cable	Length	07RN8-F	20	m
		Efficiency class	S.F	n.d.		

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