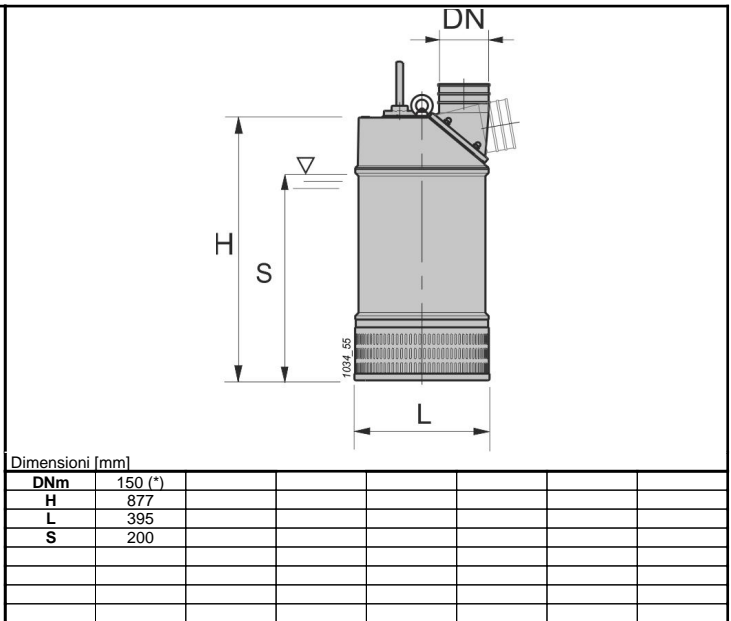
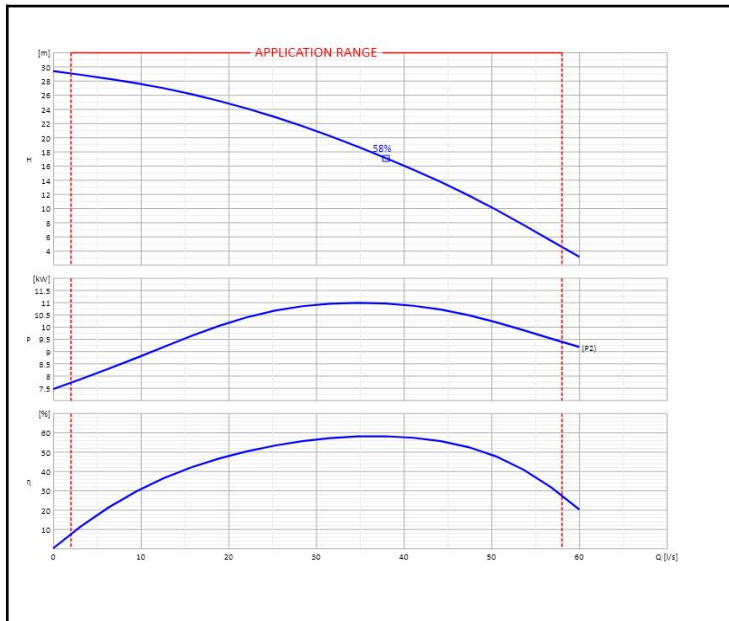


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	DRL110T-400V
		Required head	n.d.



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		150 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)	0	29.02	m
Maximum viscosity	1	mm²/s		Qmin	2	58	l/s
Max. solid content	n.d.	%		Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	10			Max power consumption	10.98		kW
Free passage	6	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	n.d.	n.d.		Sense of rotation (*)	Clockwise		
<b>ELECTRIC PUMP MATERIALS</b>				Number of pumps installed	Operating	Stand-by	
					1	0	

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Round power cable	n.d.	Nominal power	11		kW
Stator	Electrical steel	Rated frequency	50		Hz
Motor casing	Cast iron	Rated voltage	400		V
Rotor	Electrical steel	Rated current	24		A
Mechanical seal	Ceramic/graphite	No. Poles	Rotation speed	2	2890
Strainer	Stainless steel	Type of motor	3 ~		
Impeller	Nodular cast iron	Efficiency 4/4	78.6 %		
Mechanical seal on pump side	Silicon carbide/silicon carbide	Power factor 4/4			
Delivery casing	Cast iron	Is/In	Ts/Tn	n.d.	n.d.
Wear plate	Cast iron/rubber	Thermal protection			
Pump casing	Cast iron/rubber	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