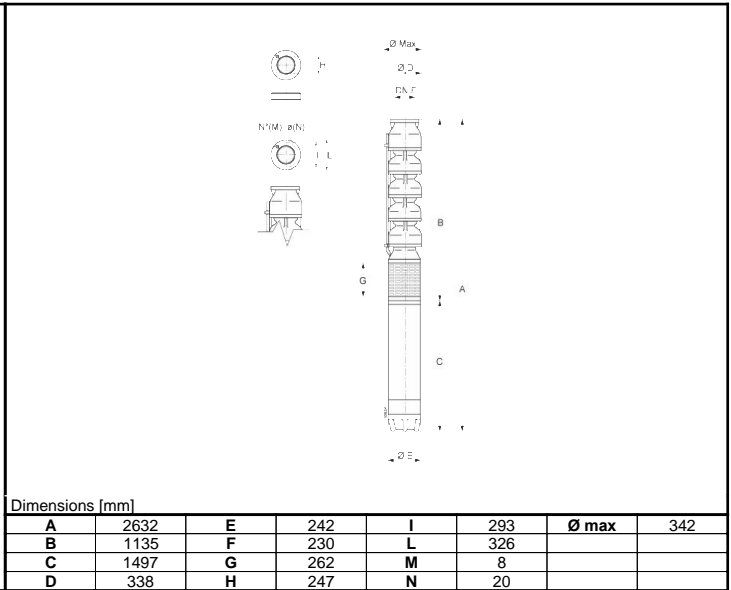
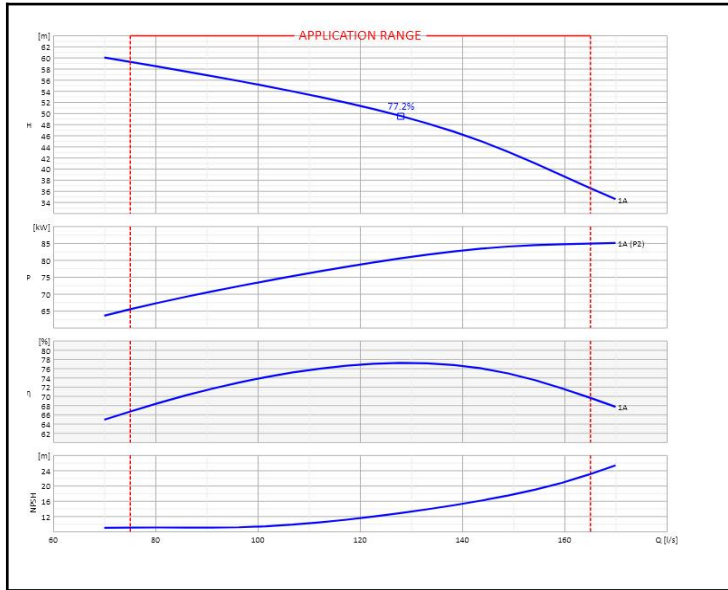


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S55/1A+MAC10125-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS	
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]		
					Delivery diameter	230 mm
					Max. overall diameter	342 mm
					Weight of electric pump	549 Kg
					No. Stages	1
					Motor seal	Mechanical
					Type of installation	Vertical

OPERATING LIMITS				PUMP MATERIALS	
Pumped liquid	Water			Delivery casing	Nodular cast iron
Max. temp. of pumped liquid (*)	25	°C		Diffuser unit	Cast iron
Maximum density	1	kg/dm³		Suction casing	Nodular cast iron
Maximum viscosity	1	mm²/s		Impeller	Stainless steel
Maximum solid content	40	g/m³		Shaft	Stainless steel
Max. number of starts/hr	6			Coupling	Stainless steel
Minimum immersion depth	855	mm		Bearing bush	Stainless steel/rubber
OPERATING CHARACTERISTICS				Valve casing	Cast iron
Service flow rate	n.d.		n.d.	Strainer	Stainless steel
Service head	n.d.		n.d.	Wear ring	Cast iron
Qmin	Qmax	75	165	MOTOR MATERIALS	
H (Q=0)	Hmax (Qmin)	72.5	59.22	Shaft	Stainless steel
Power consumption at duty point	n.d.		n.d.	Upper bracket	Cast iron
Pump efficiency	Overall efficiency	n.d.	n.d.	Rotor	Electrical steel
Max. pump efficiency (B.E.P.)	77.2		n.d.	Stator	Electrical steel
Sense of rotation (**)	Anticlockwise			Stator shell	Stainless steel
Number of pumps installed	Operating	Stand-by		Winding	Green wire
	1	0		Lower bracket	Cast iron
ELECTRIC MOTOR CHARACTERISTICS				Mechanical seal	Silicon carbide/silicon carbide
Nominal power	92		kW	Bearing bush	Bronze
Rated frequency	50		Hz	Thrust-bearing	Stainless steel/Synthetic
Rated voltage	400		V	Thrust-bearing foot slip	Cast iron
Rated current	177.2		A	Diaphragm	Rubber
No. Poles	Nominal speed	2	2925	Shaft sleeve	Chrome plated steel
Insulation class	Protection class	n.d.		Motor bracket	Cast iron
IP68					
Certified motor for use with drinking water					

Notes:	(*) Speed of the water outside the jacket of the motor v=0.5 m/s	
	(**) View from delivery port.	
	In case of VSD operation, refer to Use and Maintenance Instructions of the electric pump.	
OFFER No.	Pos.	Date
		16/01/2020