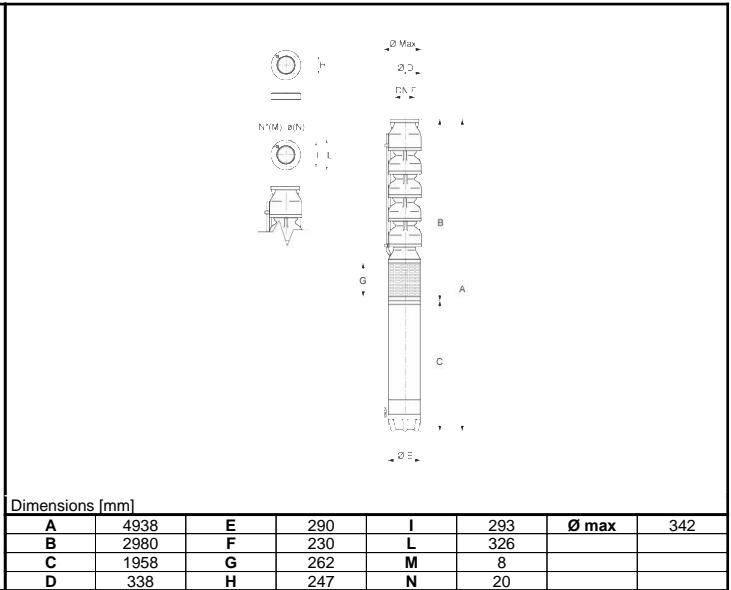
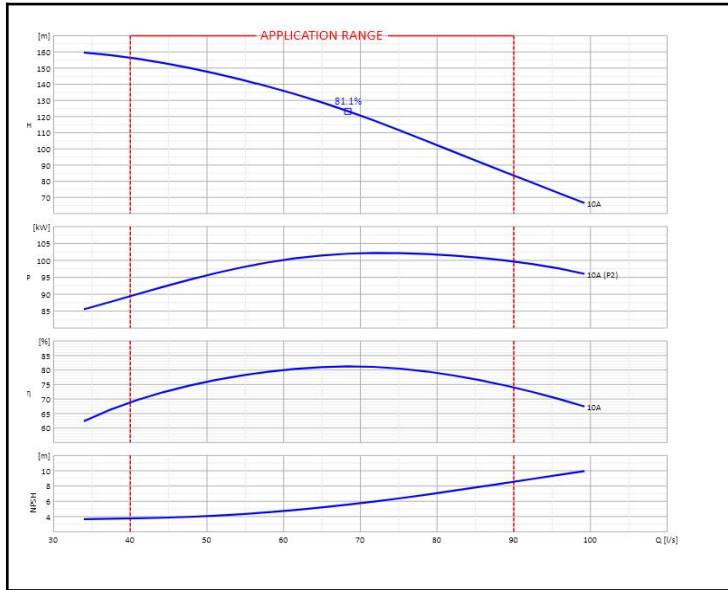


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S55/10A+MAC12150P-8V



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	1241	Kg
					No. Stages	10	
					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		5		Coupling		Stainless steel	
Minimum immersion depth		855	mm	Bearing bush		Steel/Rubber	
OPERATING CHARACTERISTICS				Valve casing		Cast iron	
				Strainer		Stainless steel	
				Wear ring		Cast iron	
				MOTOR MATERIALS			
Service flow rate		n.d.		Shaft		Stainless steel	
Service head		n.d.		Upper bracket		Cast iron	
Qmin	Qmax	40	90	Rotor		Electrical steel	
H (Q=0)		Hmax (Qmin)		Stator		Electrical steel	
		181.25	156.14	Stator shell		Stainless steel	
Power consumption at duty point		n.d.		Winding		Green wire	
Pump efficiency	Overall efficiency	n.d.		Lower bracket		Cast iron	
Max. pump efficiency (B.E.P.)		81.1		Mechanical seal		Silicon carbide/silicon carbide	
Sense of rotation (**)		Anticlockwise		Bearing		Graphite	
Number of pumps installed		Operating		Thrust-bearing		Stainless steel/Synthetic	
		1		Stand-by		Thrust-bearing foot slip	
		0		Diaphragm		Rubber	
ELECTRIC MOTOR CHARACTERISTICS				Shaft sleeve		Chrome plated steel	
Nominal power		110		Motor bracket		Cast iron	
Rated frequency		50					
Rated voltage		400					
Rated current		216.4					
No. Poles	Nominal speed	4	1460	1/min			
Insulation class	Protection class	n.d.		IP68			
Certified motor for use with drinking water							

OPERATING CHARACTERISTICS		MOTOR MATERIALS	
Service flow rate	n.d.	Shaft	Stainless steel
Service head	n.d.	Upper bracket	Cast iron
Qmin	Qmax	Rotor	Electrical steel
H (Q=0)	Hmax (Qmin)	Stator	Electrical steel
Power consumption at duty point	n.d.	Stator shell	Stainless steel
Pump efficiency	Overall efficiency	Winding	Green wire
Max. pump efficiency (B.E.P.)	81.1	Lower bracket	Cast iron
Sense of rotation (**)	Anticlockwise	Mechanical seal	Silicon carbide/silicon carbide
Number of pumps installed	Operating	Bearing	Graphite
	1	Thrust-bearing	Stainless steel/Synthetic
	Stand-by	Thrust-bearing foot slip	Cast iron
	0	Diaphragm	Rubber
ELECTRIC MOTOR CHARACTERISTICS			
Nominal power	110	Shaft sleeve	Chrome plated steel
Rated frequency	50	Motor bracket	Cast iron
Rated voltage	400		
Rated current	216.4		
No. Poles	Nominal speed	4	1460
Insulation class	Protection class	n.d.	
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	