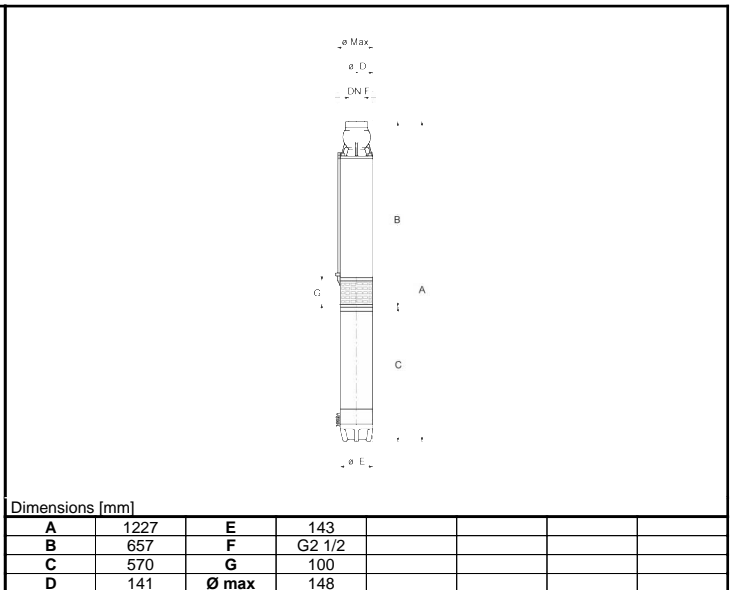
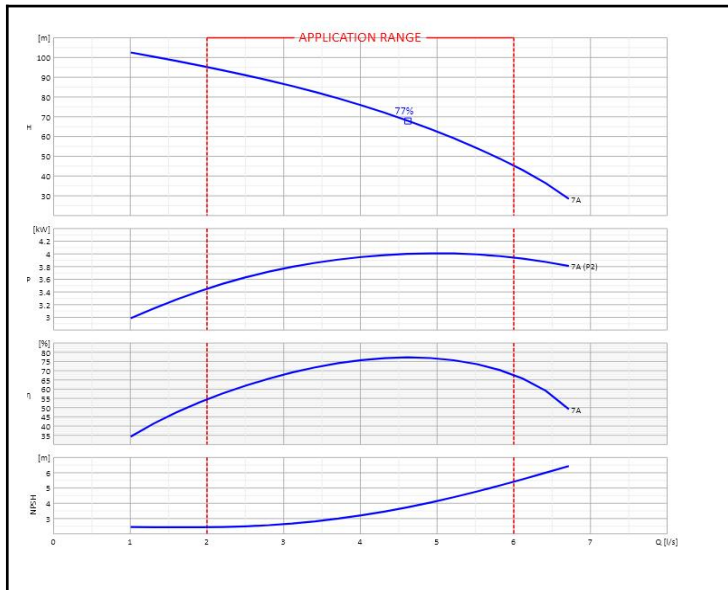


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E6RX37/7A+MACW65A-8V



OPERATING DATA - - M.E.I. ≥ 0.40					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]			
					Delivery diameter	G2 1/2	n.d.
					Max. overall diameter	148	mm
					Weight of electric pump	54.5	Kg
					No. Stages	7	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS					PUMP MATERIALS		
Pumped liquid		Water			Impeller	Stainless steel	
Max. temp. of pumped liquid (*)		40	°C		Pump shaft bearing bush	Rubber	
Maximum density		1	kg/dm³		Diffuser	Stainless steel	
Maximum viscosity		1	mm²/s		Valve casing	Stainless steel	
Maximum solid content		150	g/m³		Strainer	Stainless steel	
Max. number of starts/hr		20			Wear ring	Stainless steel/rubber	
Minimum immersion depth		370	mm		Shaft	Stainless steel	
OPERATING CHARACTERISTICS					Coupling	Stainless steel	
Service flow rate		n.d.		n.d.	Stage casing	Stainless steel	
Service head		n.d.		n.d.	Suction casing	Stainless steel	
Qmin	Qmax	2	6	l/s	MOTOR MATERIALS		
H (Q=0)	Hmax (Qmin)	104.66	94.98	m	Shaft	Stainless steel	
Power consumption at duty point		n.d.		n.d.	Sand guard	Rubber	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.	Rotor	Electrical steel	
Max. pump efficiency (B.E.P.)		77		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		4		kW	Bearing	Graphite	
Rated frequency		50		Hz	Thrust-bearing	Brass/Synthetic compound	
Rated voltage		400		V	Thrust-bearing foot slip	Cast iron	
Rated current		9.5		A	Diaphragm	Rubber	
No. Poles	Nominal speed	2	2910	1/min	Diaphragm cover	Technopolymer	
Insulation class	Protection class			IP68	Upper bracket	Stainless steel	
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
			14/01/2020