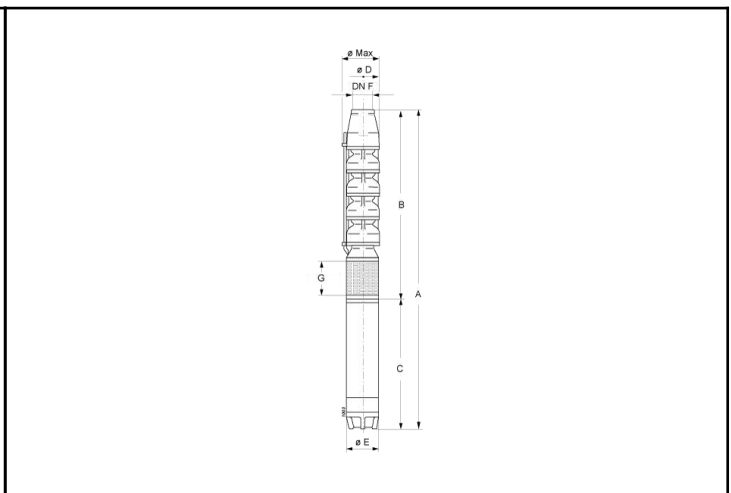
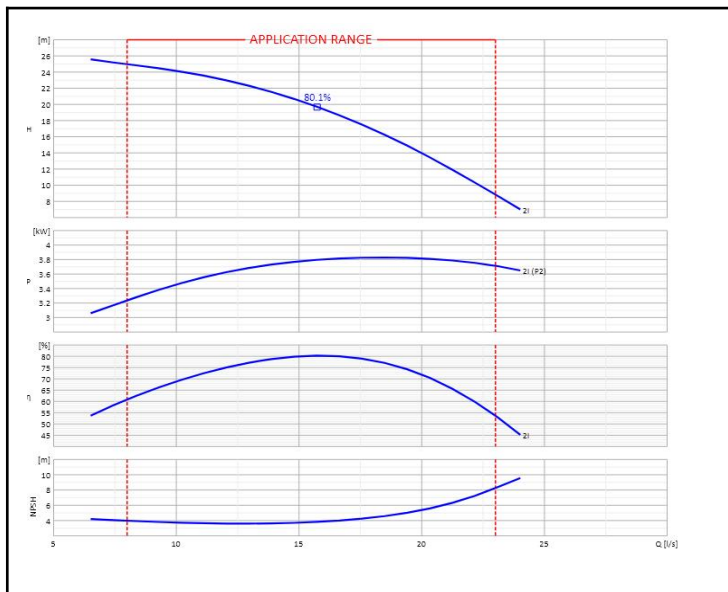


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E6SX64/2I+MACW65A-8V



Dimensions [mm]			
A	1182	E	143
B	612	F	G4
C	570	G	124
D	141	Ø max	150

OPERATING DATA - - M.E.I. ≥ 0.40					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	G4	n.d.
					Max. overall diameter	150	mm
					Weight of electric pump	60.5	Kg
					No. Stages	2	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid				Water			
Max. temp. of pumped liquid (*)				40	°C		
Maximum density				1	kg/dm³		
Maximum viscosity				1	mm²/s		
Maximum solid content				150	g/m³		
Max. number of starts/hr				20			
Minimum immersion depth				375	mm		
OPERATING CHARACTERISTICS				MOTOR MATERIALS			
Service flow rate				n.d.		n.d.	
Service head				n.d.		n.d.	
Qmin	Qmax	8	23	l/s			
H (Q=0)	Hmax (Qmin)	27.62	24.93	m			
Power consumption at duty point				n.d.		n.d.	
Pump efficiency		Overall efficiency		n.d.		n.d.	
Max. pump efficiency (B.E.P.)				80.1		n.d.	
Sense of rotation (**)				Anticlockwise			
Number of pumps installed				Operating		Stand-by	
				1		0	
ELECTRIC MOTOR CHARACTERISTICS							
Nominal power				4		kW	
Rated frequency				50		Hz	
Rated voltage				400		V	
Rated current				9.5		A	
No. Poles	Nominal speed	2	2910	1/min			
Insulation class		Protection class		IP68			
Certified motor for use with drinking water							
				Shaft			
				Stainless steel			
				Sand guard			
				Rubber			
				Rotor			
				Electrical steel			
				Stator			
				Electrical steel			
				Stator shell			
				Stainless steel			
				Winding			
				Green wire			
				Lower bracket			
				Cast iron			
				Mechanical seal			
				Silicon carbide/silicon carbide			
				Bearing			
				Graphite			
				Thrust-bearing			
				Brass/Synthetic compound			
				Thrust-bearing foot slip			
				Cast iron			
				Diaphragm			
				Rubber			
				Diaphragm cover			
				Technopolymer			
				Upper bracket			
				Stainless steel			

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