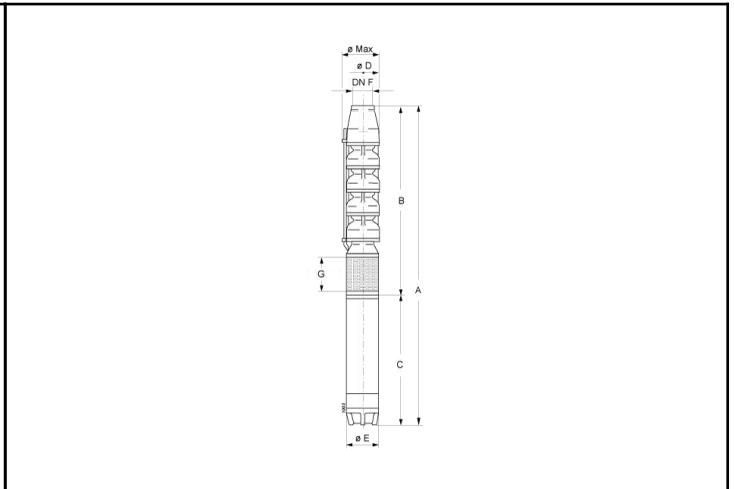
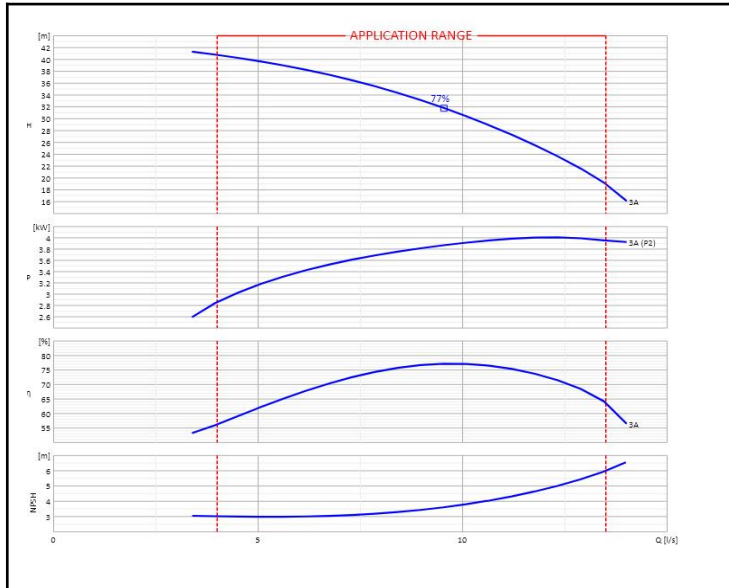


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E6SX50/3A+MACW65A-8V



Dimensions [mm]			
A	1297	E	143
B	727	F	G3
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	G3	n.d.
					Max. overall diameter	150	mm
					Weight of electric pump	60	Kg
					No. Stages	3	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid	Water			Diffuser unit	Stainless steel		
Max. temp. of pumped liquid (*)	40	°C		Suction casing	Stainless steel		
Maximum density	1	kg/dm ³		Impeller	Stainless steel		
Maximum viscosity	1	mm ² /s		Shaft	Stainless steel		
Maximum solid content	150	g/m ³		Bearing bush			
Max. number of starts/hr	20			Coupling	Stainless steel		
Minimum immersion depth	375	mm		Pump shaft bearing bush	Stainless steel/rubber		
OPERATING CHARACTERISTICS				Valve casing	Stainless steel		
Service flow rate	n.d.		n.d.	Strainer	Stainless steel		
Service head	n.d.		n.d.	Wear ring	Stainless steel/rubber		
Qmin	Qmax	4	13.5	MOTOR MATERIALS			
H (Q=0)	Hmax (Qmin)	43.07	40.7	Shaft	Stainless steel		
Power consumption at duty point	n.d.		n.d.	Sand guard	Rubber		
Pump efficiency	Overall efficiency	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	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