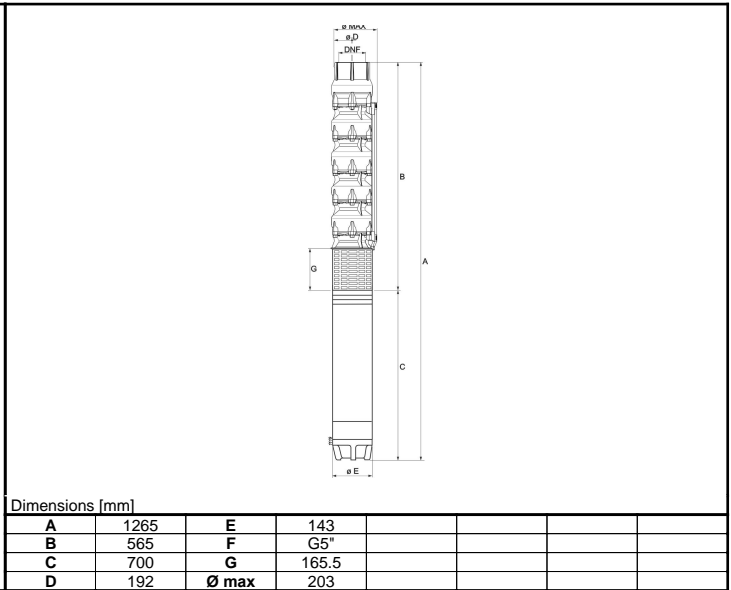
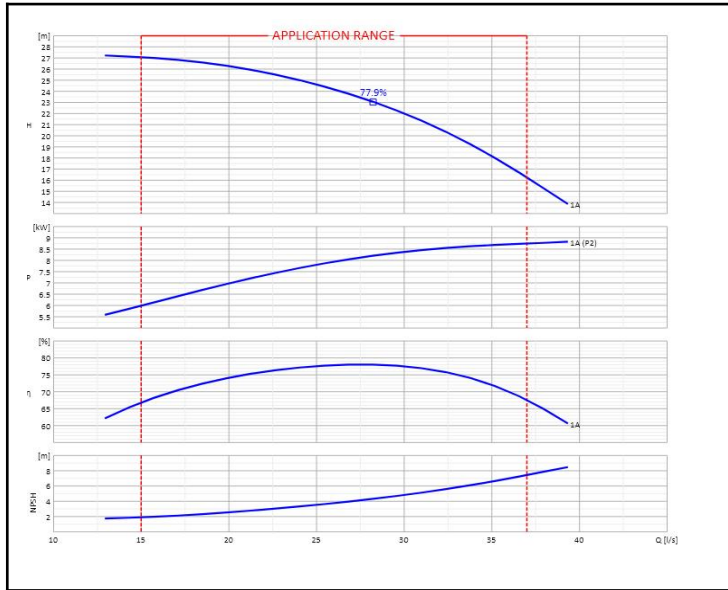


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E8PX95/1A+MACW612A-8V



OPERATING DATA---					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	G5"	n.d.
					Max. overall diameter	203	mm
					Weight of electric pump	73.5	Kg
					No. Stages	1	
					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/dm³		Impeller	Stainless steel		
Maximum viscosity	1	mm²/s		Shaft	Stainless steel		
Maximum solid content	150	g/m³		Coupling	Stainless steel		
Max. number of starts/hr	20			Pump shaft bearing bush	Stainless steel/rubber		
Minimum immersion depth	507.5	mm		Valve casing	Stainless steel		
OPERATING CHARACTERISTICS				Strainer	Stainless steel		
Service flow rate	n.d.		n.d.	Wear ring	Stainless steel/rubber		
Service head	n.d.		n.d.	MOTOR MATERIALS			
Qmin	Qmax	15	37	Shaft	Stainless steel		
H (Q=0)	Hmax (Qmin)	30.04	27.03	Sand guard	Rubber		
Power consumption at duty point	n.d.		n.d.	Rotor	Electrical steel		
Pump efficiency	Overall efficiency	n.d.	n.d.	Stator	Electrical steel		
Max. pump efficiency (B.E.P.)	77.9		n.d.	Stator shell	Stainless steel		
Sense of rotation (**)	Anticlockwise			Winding	Green wire		
Number of pumps installed	Operating	Stand-by		Lower bracket	Cast iron		
	1	0		Mechanical seal	Silicon carbide/silicon carbide		
ELECTRIC MOTOR CHARACTERISTICS				Bearing	Graphite		
Nominal power	9.2		kW	Thrust-bearing	Brass/Synthetic compound		
Rated frequency	50		Hz	Thrust-bearing foot slip	Cast iron		
Rated voltage	400		V	Diaphragm	Rubber		
Rated current	20.7		A	Diaphragm cover	Technopolymer		
No. Poles	Nominal speed	2	2900	Upper bracket	Stainless steel		
Insulation class	Protection class	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	
		14/01/2020	