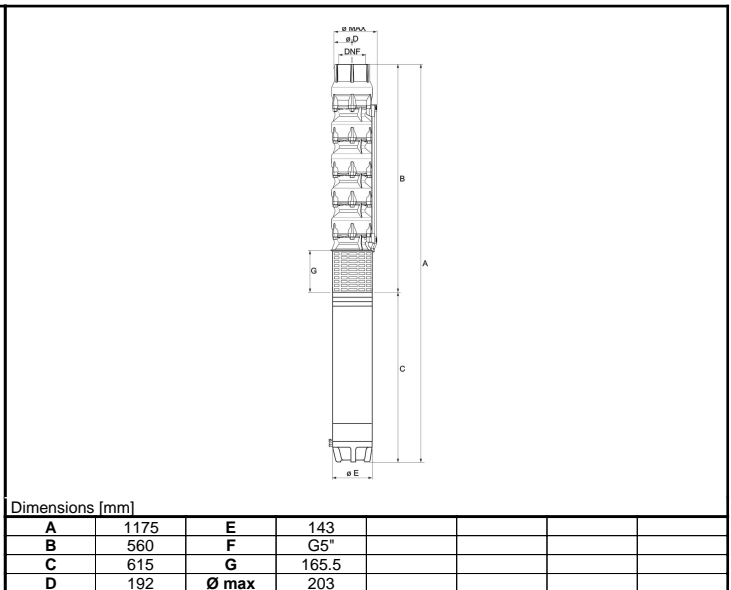
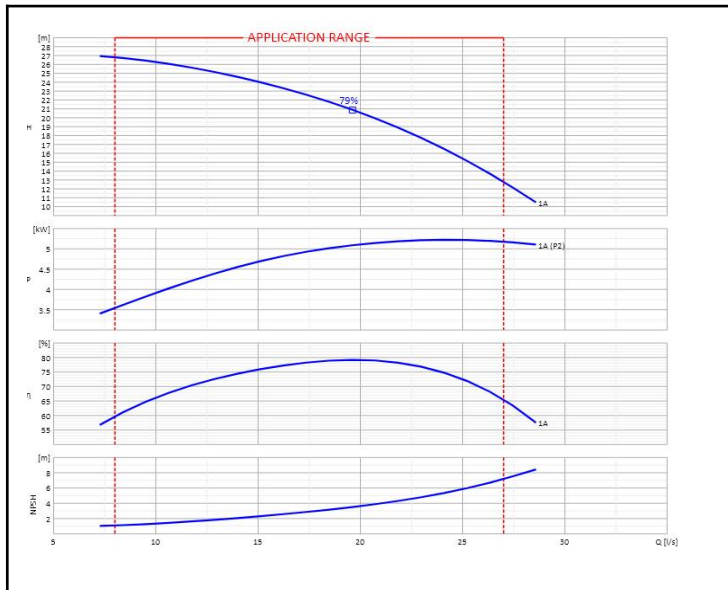


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E8PX65/1A+MACW67A-8V



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	64	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	8	27	l/s	HT HT-TECH		
H (Q=0)	Hmax (Qmin)	29.35	26.76	m	ENDURANCE		
Power consumption at duty point	n.d.		n.d.	Shaft	Stainless steel		
Pump efficiency	Overall efficiency	n.d.	n.d.	Sand guard	Rubber		
Max. pump efficiency (B.E.P.)	79	n.d.		Rotor	Electrical steel		
Sense of rotation (**)	Anticlockwise			Stator	Electrical steel		
Number of pumps installed	Operating	Stand-by		Stator shell	Stainless steel		
	1	0		Winding	Green wire		
ELECTRIC MOTOR CHARACTERISTICS				Lower bracket	Cast iron		
Nominal power	5.5	kW		Mechanical seal	Silicon carbide/silicon carbide		
Rated frequency	50	Hz		Bearing	Graphite		
Rated voltage	400	V		Thrust-bearing	Brass/Synthetic compound		
Rated current	12.3	A		Thrust-bearing foot slip	Cast iron		
No. Poles	Nominal speed	2	2890	Diaphragm	Rubber		
Insulation class	Protection class	IP68		Diaphragm cover	Technopolymer		
Certified motor for use with drinking water				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	