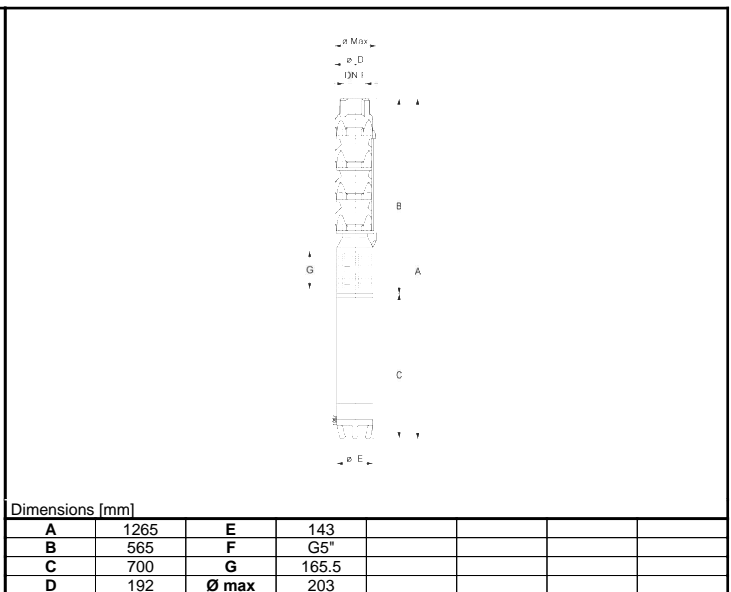
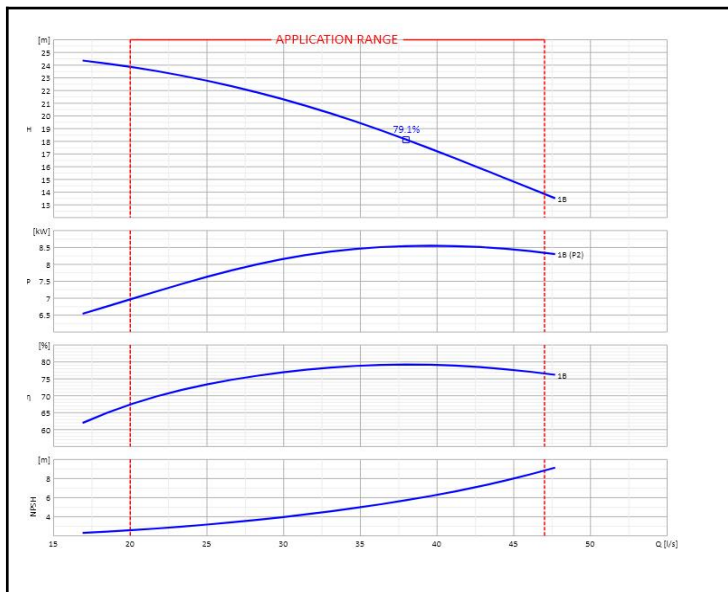


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E8P135/1B+MAC612A-8V



OPERATING DATA- ISO 9906:2012 3B -					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	83.5	Kg
					No. Stages	1	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid		Water		Diffuser unit	Cast iron		
Max. temp. of pumped liquid (*)		40	°C	Suction casing	Nodular cast iron		
Maximum density		1	kg/dm³	Impeller	Cast iron		
Maximum viscosity		1	mm²/s	Shaft	Stainless steel		
Maximum solid content		100	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	Cast iron		
<b>OPERATING CHARACTERISTICS</b>				Conical valve	Stainless steel		
Service flow rate		n.d.		Strainer	Stainless steel		
Service head		n.d.		Wear ring	Steel/Rubber		
Qmin	Qmax	20	47	<b>MOTOR MATERIALS</b>			
H (Q=0)	Hmax (Qmin)	27.2	23.84	HT			
Power consumption at duty point		n.d.		Shaft	Stainless steel		
Pump efficiency	Overall efficiency	n.d.		Sand guard	Rubber		
Max. pump efficiency (B.E.P.)	79.1		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		
<b>ELECTRIC MOTOR CHARACTERISTICS</b>				Lower bracket	Cast iron		
Nominal power		9.2	kW	Mechanical seal	Silicon carbide/silicon carbide		
Rated frequency		50	Hz	Bearing	Graphite		
Rated voltage		400	V	Thrust-bearing	Brass/Synthetic compound		
Rated current		20.7	A	Thrust-bearing foot slip	Cast iron		
No. Poles	Nominal speed	2	2900	Diaphragm	Rubber		
Insulation class	Protection class	n.d.		Diaphragm cover	Technopolymer		
				Upper bracket	Cast iron		
IP68							
Certified motor for use with drinking water							

<b>Notes:</b>	(*) 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	
		16/01/2020	