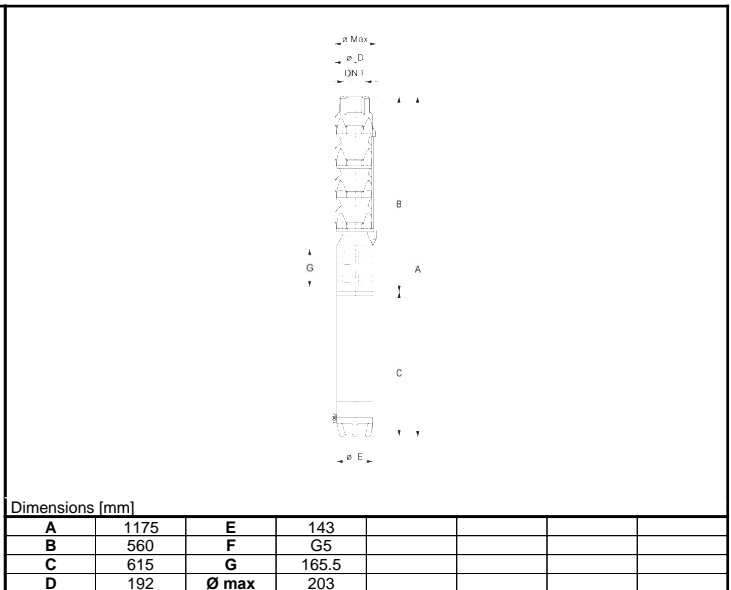
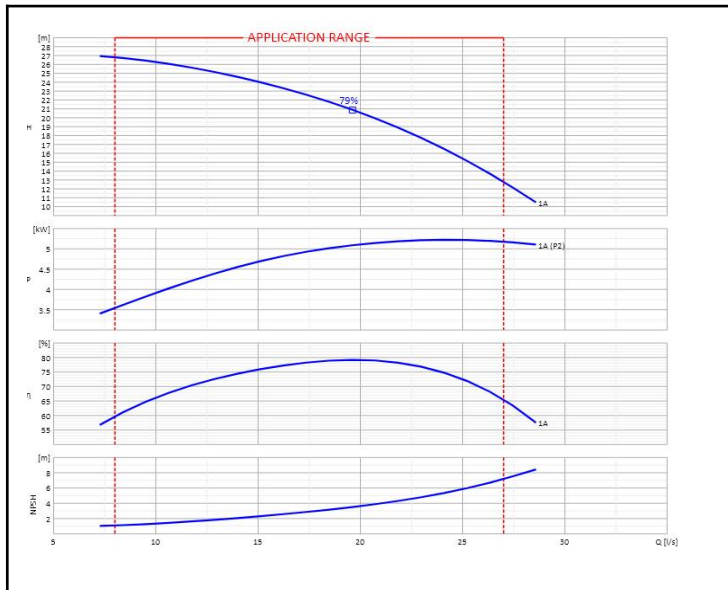


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E8P65/1A+MAC67A-8V



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	74.5	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	
OPERATING CHARACTERISTICS					Conical valve	Stainless steel	
Service flow rate	n.d.		n.d.		Strainer	Stainless steel	
Service head	n.d.		n.d.		Wear ring	Steel/Rubber	
Qmin	Qmax	8	27	l/s	MOTOR MATERIALS		
H (Q=0)	Hmax (Qmin)	29.35	26.76	m	Shaft	Stainless steel	
Power consumption at duty point	n.d.		n.d.		Sand guard	Rubber	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.	Rotor	Electrical steel	
Max. pump efficiency (B.E.P.)	79		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	5.5		kW		Bearing	Graphite	
Rated frequency	50		Hz		Thrust-bearing	Brass/Synthetic compound	
Rated voltage	400		V		Thrust-bearing foot slip	Cast iron	
Rated current	12.3		A		Diaphragm	Rubber	
No. Poles	Nominal speed	2	2890	1/min	Diaphragm cover	Technopolymer	
Insulation class	Protection class	n.d.		IP68	Upper bracket	Cast iron	
<i>Certified motor for use with drinking water</i>							

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	
		16/01/2020	