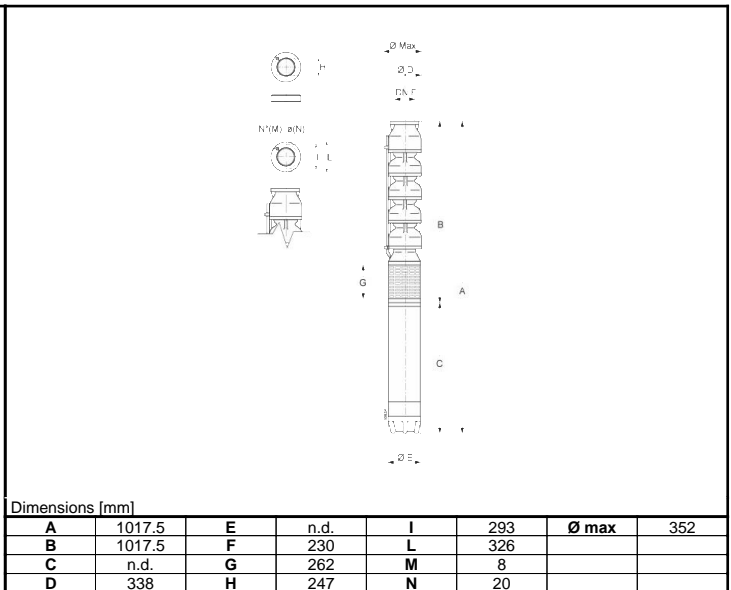
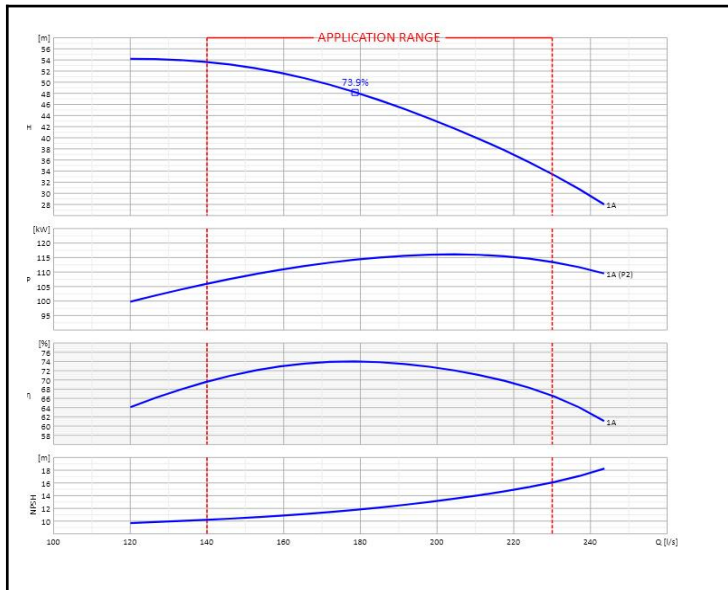


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S64/1A+MPC10180A-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS	
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]		
					Delivery diameter	230 mm
					Max. overall diameter	352 mm
					Weight of electric pump	553.4 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 (*)	25		°C	Suction casing	Nodular cast iron
Maximum density	1		kg/dm³	Impeller	Stainless steel
Maximum viscosity	1		mm²/s	Shaft	Stainless steel
Maximum solid content	40		g/m³	Coupling	Stainless steel
Max. number of starts/hr	5			Pump shaft bearing bush	Stainless steel/rubber
Minimum immersion depth	880		mm	Valve casing	Cast iron
OPERATING CHARACTERISTICS				Strainer	Stainless steel
				Wear ring	Cast iron
				MOTOR MATERIALS	
Service flow rate	n.d.		n.d.	Shaft	Stainless steel
Service head	n.d.		n.d.	Sand guard	Rubber
Qmin	Qmax	140	230	Rotor	Electrical steel
H (Q=0)	Hmax (Qmin)	82	53.56	Stator	Electrical steel
Power consumption at duty point	n.d.		n.d.	Stator shell	Stainless steel
Pump efficiency	Overall efficiency	n.d.	n.d.	Winding	PPC
Max. pump efficiency (B.E.P.)	73.9		n.d.	Lower bracket	Cast iron
Sense of rotation (**)	Anticlockwise			Mechanical seal cover	Stainless steel
Number of pumps installed	Operating	Stand-by		Mechanical seal	Silicon carbide/silicon carbide
	1	0		Bearing	Graphite
ELECTRIC MOTOR CHARACTERISTICS				Thrust-bearing	Stainless steel/Synthetic
				Thrust-bearing foot slip	Cast iron
Nominal power	132		kW	Diaphragm	Rubber
Rated frequency	50		Hz	Diaphragm cover	Cast iron
Rated voltage	400		V	Upper bracket	Cast iron
Rated current	249.7		A		
No. Poles	Nominal speed	2	2930	1/min	
Insulation class	Protection class	n.d.		IP68	
<i>Uncertified 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