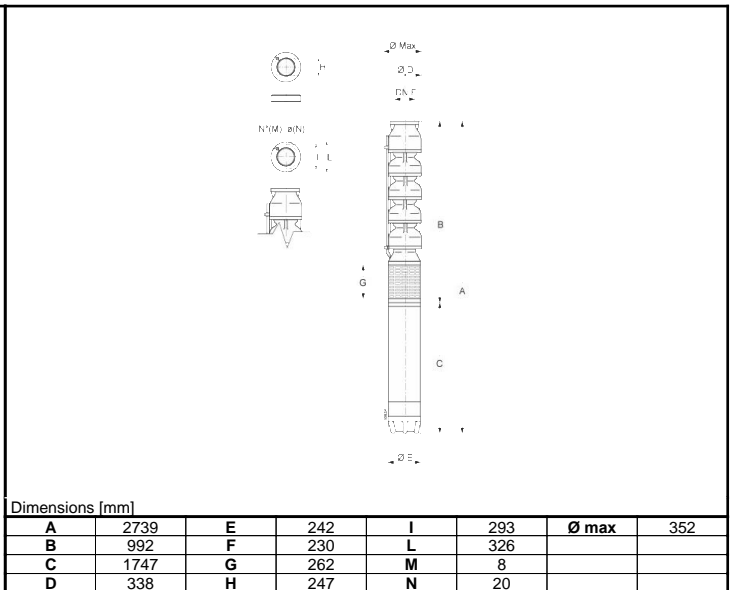
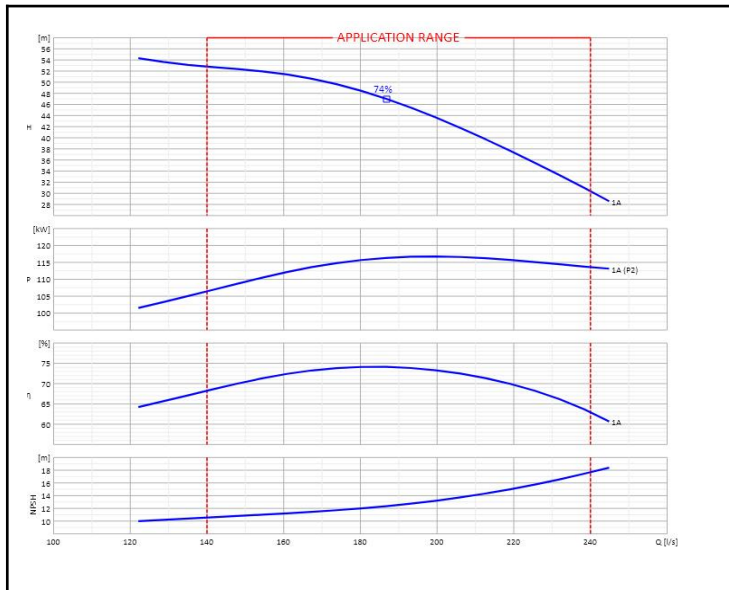


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S64/1A+MAC10180-8V



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	657	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		6			Pump shaft bearing bush	Stainless steel/rubber	
Minimum immersion depth		880	mm		Valve casing	Cast iron	
OPERATING CHARACTERISTICS					Strainer	Stainless steel	
Service flow rate		n.d.		n.d.	Wear ring	Cast iron	
Service head		n.d.		n.d.	MOTOR MATERIALS		
Qmin	Qmax	140	240	l/s	Shaft	Stainless steel	
H (Q=0)	Hmax (Qmin)	81.8	52.74	m	Upper bracket	Cast iron	
Power consumption at duty point		n.d.		n.d.	Rotor	Electrical steel	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.	Stator	Electrical steel	
Max. pump efficiency (B.E.P.)		74		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 bush	Bronze	
Nominal power		132	kW		Thrust-bearing	Stainless steel/Synthetic	
Rated frequency		50	Hz		Thrust-bearing foot slip	Cast iron	
Rated voltage		400	V		Diaphragm	Rubber	
Rated current		251.1		A	Shaft sleeve	Chrome plated steel	
No. Poles	Nominal speed	2	2930	1/min	Motor bracket	Cast iron	
Insulation class	Protection class	n.d.		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