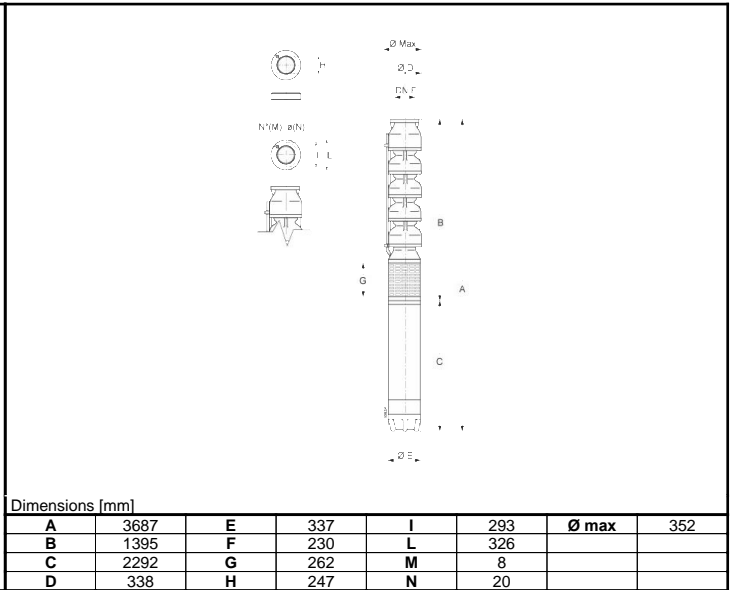
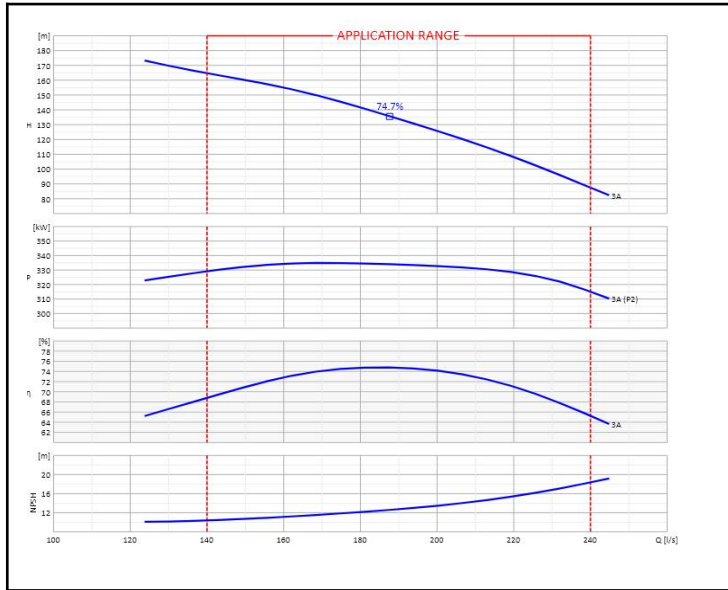


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S64/3A+M14460-8V



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	1333 Kg
					No. Stages	3
					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	3			Pump shaft bearing bush	Stainless steel/rubber
Minimum immersion depth	880	mm		Valve casing	Nodular 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	Shaft	Stainless steel
H (Q=0)	Hmax (Qmin)	239	164.53	Upper bracket	Cast iron
Power consumption at duty point	n.d.		n.d.	Rotor	Electrical steel
Pump efficiency	Overall efficiency	n.d.	n.d.	Stator	Electrical steel
Max. pump efficiency (B.E.P.)	74.7		n.d.	Stator shell	Stainless steel
Sense of rotation (**)	Anticlockwise			Winding	PE2+PA
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	340		kW	Thrust-bearing	Brass/Synthetic compound
Rated frequency	50		Hz	Thrust-bearing foot slip	Nodular cast iron
Rated voltage	400		V	Diaphragm	Rubber
Rated current	642.2		A	Shaft sleeve	Chrome plated steel
No. Poles	Nominal speed	2	2955	Motor bracket	Nodular 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=0.3 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