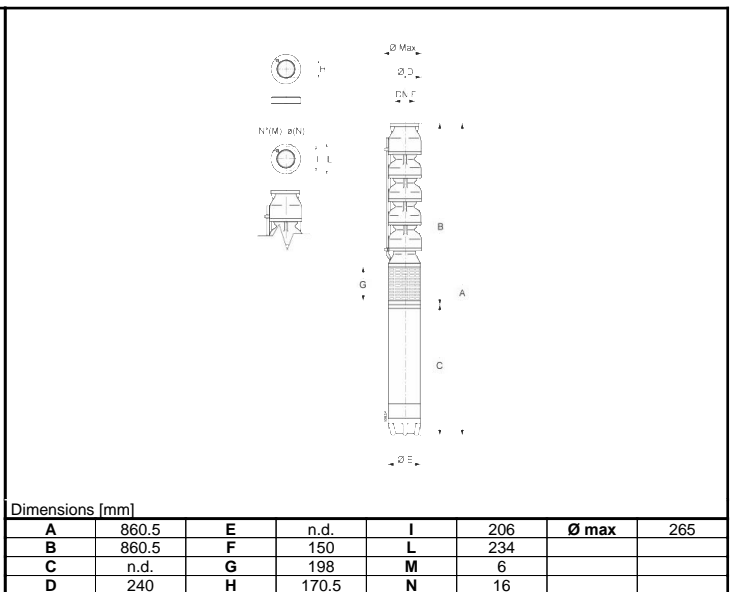
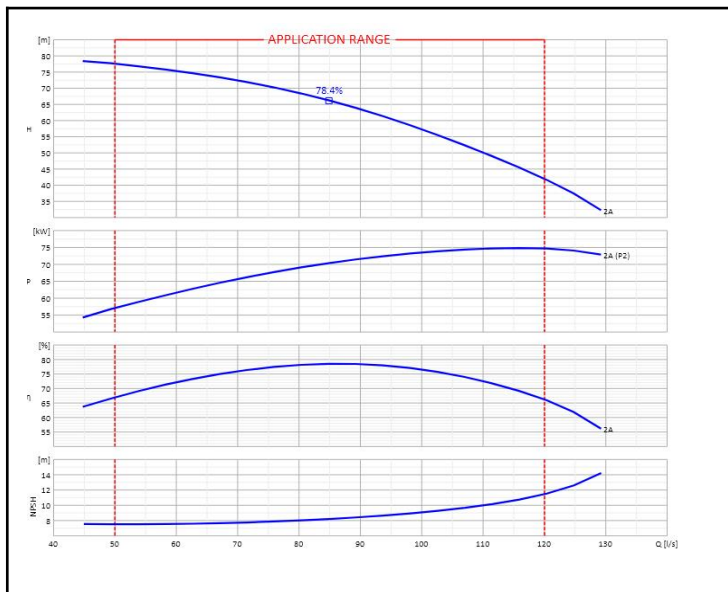


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E12S58/2A+MPC10100A-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS	
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]		
					Delivery diameter	150 mm
					Max. overall diameter	265 mm
					Weight of electric pump	364.1 Kg
					No. Stages	2
					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	Cast iron
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	662.5	mm		Valve casing	Cast iron
OPERATING CHARACTERISTICS				Strainer	Stainless steel
Service flow rate	n.d.		n.d.	Wear ring	Steel
Service head	n.d.		n.d.	MOTOR MATERIALS	
Qmin	Qmax	50	120	Shaft	Stainless steel
H (Q=0)	Hmax (Qmin)	92.99	77.5	Sand guard	Rubber
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.)	78.4		n.d.	Stator shell	Stainless steel
Sense of rotation (**)	Anticlockwise			Winding	PPC
Number of pumps installed	Operating	Stand-by		Lower bracket	Cast iron
	1	0		Mechanical seal cover	Stainless steel
ELECTRIC MOTOR CHARACTERISTICS				Mechanical seal	Silicon carbide/silicon carbide
Nominal power	75		kW	Bearing	Graphite
Rated frequency	50		Hz	Thrust-bearing	Stainless steel/Synthetic
Rated voltage	400		V	Thrust-bearing foot slip	Cast iron
Rated current	146.7		A	Diaphragm	Rubber
No. Poles	Nominal speed	2	2925	Diaphragm cover	Cast iron
Insulation class	Protection class	n.d.		Upper bracket	Cast iron
Uncertified 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