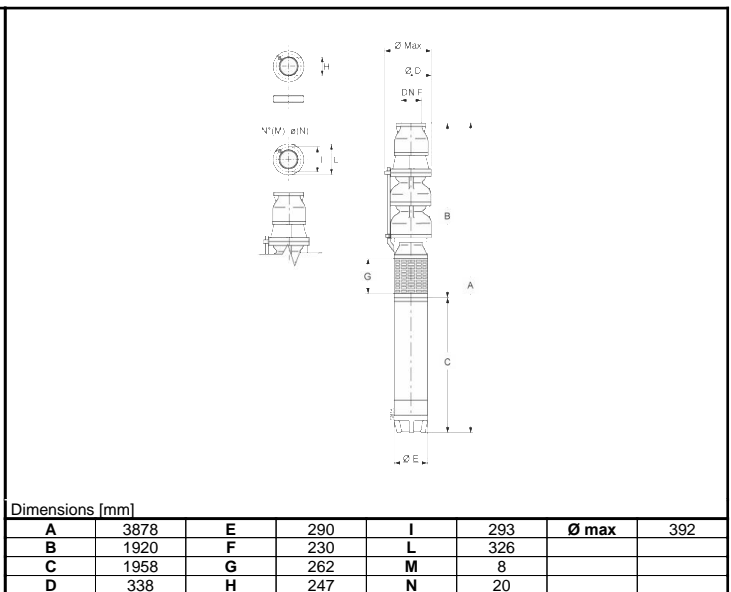
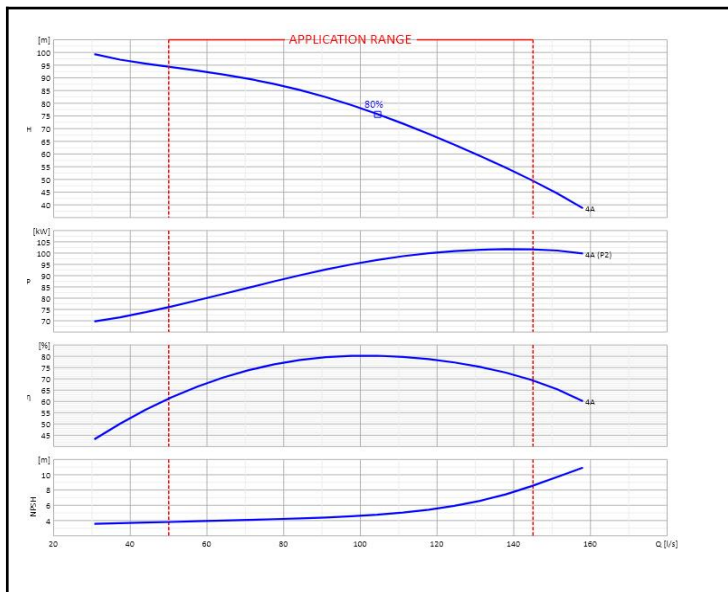


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E16S55/4A+MAC12150P-8V



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	392	mm
					Weight of electric pump	1116	Kg
					No. Stages	4	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid		Water		Delivery casing	Cast iron		
Max. temp. of pumped liquid (*)		25	°C	Diffuser unit	Cast iron		
Maximum density		1	kg/dm³	Suction casing	Nodular cast iron		
Maximum viscosity		1	mm²/s	Impeller	Cast iron		
Maximum solid content		40	g/m³	Bearing bush	Bronze		
Max. number of starts/hr		5		Coupling	Stainless steel		
Minimum immersion depth		980	mm	Pump shaft bearing bush	Stainless steel/rubber		
OPERATING CHARACTERISTICS				Valve casing	Cast iron		
Service flow rate		n.d.		Strainer	Stainless steel		
Service head		n.d.		Wear ring	Cast iron		
Qmin	Qmax	50	145	MOTOR MATERIALS			
H (Q=0)	Hmax (Qmin)	106.59	94.23	Shaft	Stainless steel		
Power consumption at duty point		n.d.		Upper bracket	Cast iron		
Pump efficiency	Overall efficiency	n.d.	n.d.	Rotor	Electrical steel		
Max. pump efficiency (B.E.P.)		80		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		110	kW	Bearing	Graphite		
Rated frequency		50	Hz	Thrust-bearing	Stainless steel/Synthetic		
Rated voltage		400	V	Thrust-bearing foot slip	Cast iron		
Rated current		216.4	A	Diaphragm	Rubber		
No. Poles	Nominal speed	4	1460	Shaft sleeve	Chrome plated steel		
Insulation class	Protection class	n.d.		Motor bracket	Cast iron		
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	