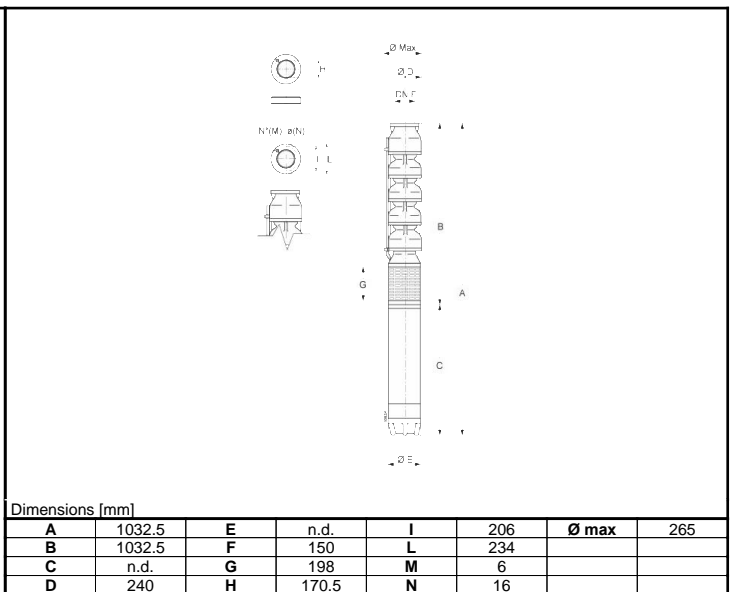
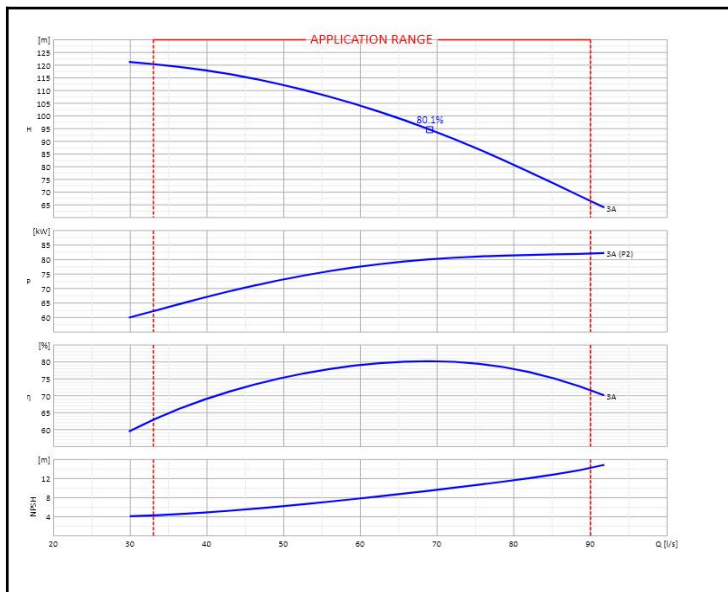


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E12S55/3A+MPC10125A-8V



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	424.9	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	Impeller		Cast iron	
Maximum density		1	kg/dm³	Shaft		Stainless steel	
Maximum viscosity		1	mm²/s	Coupling		Stainless steel	
Maximum solid content		40	g/m³	Pump shaft bearing bush		Stainless steel/rubber	
Max. number of starts/hr		6		Valve casing		Cast iron	
Minimum immersion depth		662.5	mm	Strainer		Stainless steel	
				Wear ring		Steel/Rubber	

OPERATING CHARACTERISTICS				MOTOR MATERIALS			
Service flow rate		n.d.					
Service head		n.d.					
Qmin	Qmax	33	90				
H (Q=0)	Hmax (Qmin)	134.96	120.25				
Power consumption at duty point		n.d.		Shaft		Stainless steel	
Pump efficiency		n.d.		Sand guard		Rubber	
Overall efficiency		n.d.		Rotor		Electrical steel	
Max. pump efficiency (B.E.P.)		80.1		Stator		Electrical steel	
Sense of rotation (**)		Anticlockwise		Stator shell		Stainless steel	
Number of pumps installed		Operating		Winding		PPC	
		1		Lower bracket		Cast iron	
		0		Mechanical seal cover		Stainless steel	
				Mechanical seal		Silicon carbide/silicon carbide	
				Bearing		Graphite	
				Thrust-bearing		Stainless steel/Synthetic	
				Thrust-bearing foot slip		Cast iron	
				Diaphragm		Rubber	
				Diaphragm cover		Cast iron	
				Upper bracket		Cast iron	

ELECTRIC MOTOR CHARACTERISTICS			
Nominal power		92	kW
Rated frequency		50	Hz
Rated voltage		400	V
Rated current		177.7	A
No. Poles	Nominal speed	2	2925 1/min
Insulation class	Protection class	n.d.	IP68

Uncertified motor for use with drinking water

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