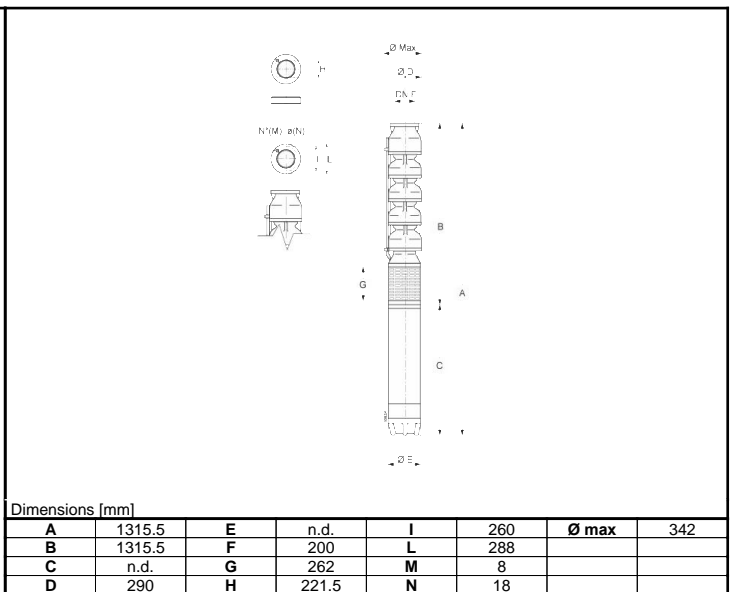
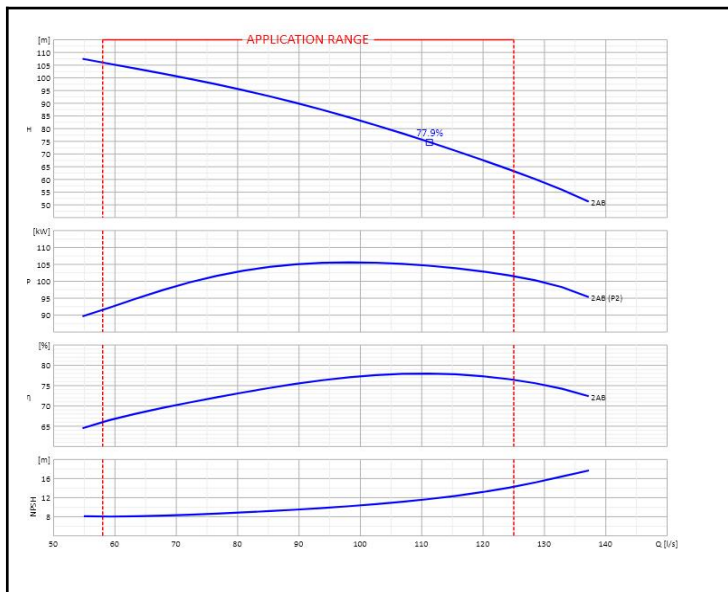


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14S50/2AB+MPC10150A-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]			
					Delivery diameter	200	mm
					Max. overall diameter	342	mm
					Weight of electric pump	564.9	Kg
					No. Stages	2	
					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	Stainless steel	
Maximum solid content		40	g/m³		Shaft	Stainless steel	
Max. number of starts/hr		5			Coupling	Stainless steel	
Minimum immersion depth		855	mm		Bearing bush	Stainless steel/rubber	
OPERATING CHARACTERISTICS					Valve casing	Cast iron	
Service flow rate		n.d.		n.d.	Strainer	Stainless steel	
Service head		n.d.		n.d.	Wear ring	Cast iron	
Qmin	Qmax	58	125	l/s	MOTOR MATERIALS		
H (Q=0)	Hmax (Qmin)	135.36	105.9	m	Shaft	Stainless steel	
Power consumption at duty point		n.d.		n.d.	Sand guard	Rubber	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.	Rotor	Electrical steel	
Max. pump efficiency (B.E.P.)		77.9		n.d.	Stator	Electrical steel	
Sense of rotation (**)		Anticlockwise			Stator shell	Stainless steel	
Number of pumps installed		Operating	Stand-by		Winding	PPC	
		1	0		Lower bracket	Cast iron	
ELECTRIC MOTOR CHARACTERISTICS					Mechanical seal cover	Stainless steel	
Nominal power		110	kW		Mechanical seal	Silicon carbide/silicon carbide	
Rated frequency		50	Hz		Bearing	Graphite	
Rated voltage		400	V		Thrust-bearing	Stainless steel/Synthetic	
Rated current		210.5		A	Thrust-bearing foot slip	Cast iron	
No. Poles	Nominal speed	2	2940	1/min	Diaphragm	Rubber	
Insulation class	Protection class	n.d.		IP68	Diaphragm cover	Cast iron	
Uncertified motor for use with drinking water					Upper bracket	Cast iron	

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