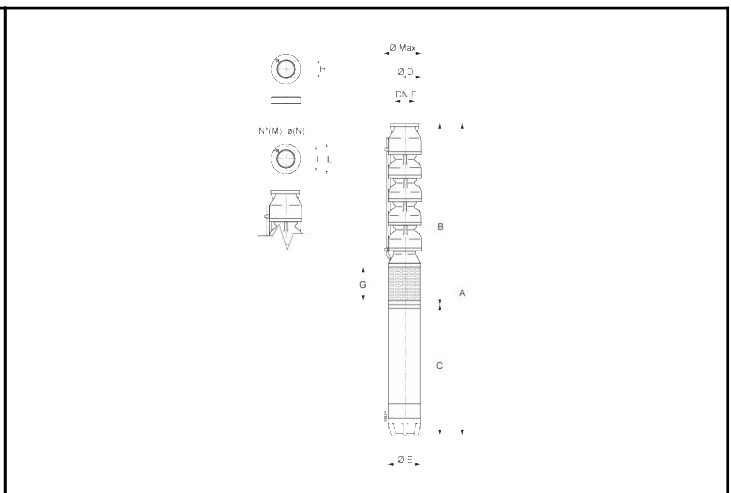
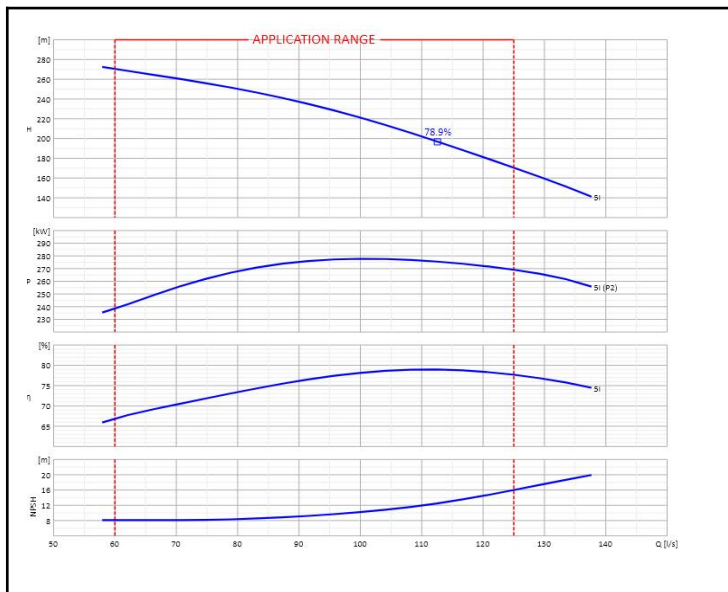


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E14SE50/5I+M14380-8V



Dimensions [mm]							
A	3947	E	337	I	260	Ø max	342
B	1905	F	200	L	288		
C	2042	G	262	M	8		
D	290	H	221.5	N	18		

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	1222	Kg
					No. Stages	5	
					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	3			Coupling	Stainless steel		
Minimum immersion depth	855	mm		Bearing bush	Stainless steel/rubber		
OPERATING CHARACTERISTICS				Valve casing	Nodular cast iron		
				Strainer	Stainless steel		
				Wear ring	Cast iron		
				MOTOR MATERIALS			
Service flow rate	n.d.		n.d.		Shaft	Stainless steel	
Service head	n.d.		n.d.		Upper bracket	Cast iron	
Qmin	Qmax	60	125	l/s		Rotor	Electrical steel
H (Q=0)	Hmax (Qmin)	347	270.1	m		Stator	Electrical steel
Power consumption at duty point	n.d.		n.d.		Stator shell	Stainless steel	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.		Winding	PE2+PA
Max. pump efficiency (B.E.P.)	78.9		n.d.		Lower bracket	Cast iron	
Sense of rotation (**)	Anticlockwise			Shaft sleeve	Chrome plated steel		
Number of pumps installed	Operating		Stand-by		Motor bracket	Nodular cast iron	
	1		0				

ELECTRIC MOTOR CHARACTERISTICS			
Nominal power	280		kW
Rated frequency	50		Hz
Rated voltage	400		V
Rated current	522.8		A
No. Poles	Nominal speed	2	2955 1/min
Insulation class	Protection class	n.d. IP68	
<i>Certified motor for use with drinking water</i>			

Notes:	(*) 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	