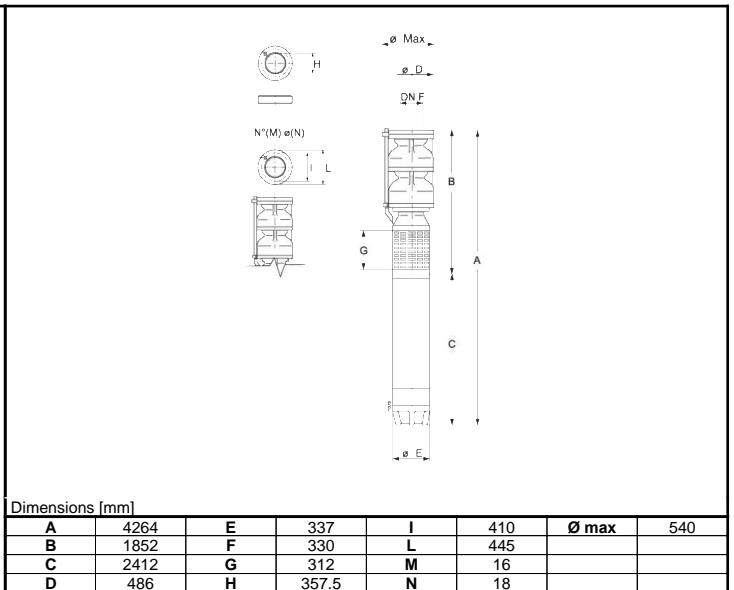
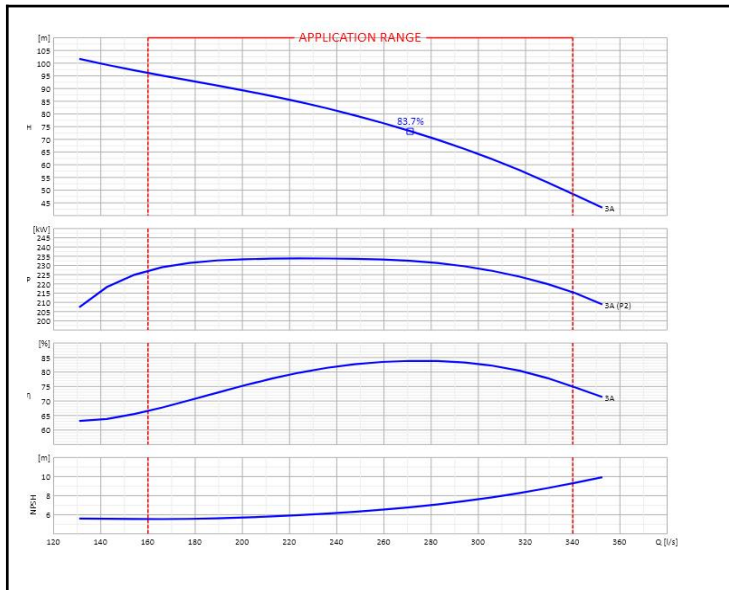


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E22SE55/3A+M14330P-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]			
					Delivery diameter	330	mm
					Max. overall diameter	540	mm
					Weight of electric pump	1663.5	Kg
					No. Stages	3	
					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	Stainless steel		
Maximum viscosity		1	mm²/s	Impeller	Cast iron		
Maximum solid content		40	g/m³	Shaft	Stainless steel		
Max. number of starts/hr		5		Bearing bush	Bronze		
Minimum immersion depth		1350	mm	Coupling	Stainless steel		
OPERATING CHARACTERISTICS				Pump shaft bearing bush	Bronze		
				Strainer	Stainless steel		
Service flow rate		n.d.		Wear ring	Cast iron		
Service head		n.d.		MOTOR MATERIALS			
Qmin	Qmax	160	340				
H (Q=0)	Hmax (Qmin)	118.5	96.02	Upper bracket	Cast iron		
Power consumption at duty point		n.d.		Rotor	Electrical steel		
Pump efficiency	Overall efficiency	n.d.	n.d.	Stator	Electrical steel		
Max. pump efficiency (B.E.P.)		83.7		Stator shell	Stainless steel		
Sense of rotation (**)		Anticlockwise		Winding	PE2+PA		
Number of pumps installed		Operating	Stand-by	Lower bracket	Cast iron		
		1	0	Mechanical seal	Silicon carbide/silicon carbide		
ELECTRIC MOTOR CHARACTERISTICS				Bearing bush	Bronze		
				Nominal power	240	kW	Thrust-bearing
Rated frequency		50		Hz	Thrust-bearing foot slip	Nodular cast iron	
Rated voltage		400		V	Diaphragm	Rubber	
Rated current		483.2		A	Shaft sleeve	Chrome plated steel	
No. Poles	Nominal speed	4	1450	1/min	Motor bracket	Nodular cast iron	
Insulation class	Protection class	n.d.		IP68			
Certified motor for use with drinking water							

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	
		14/01/2020	