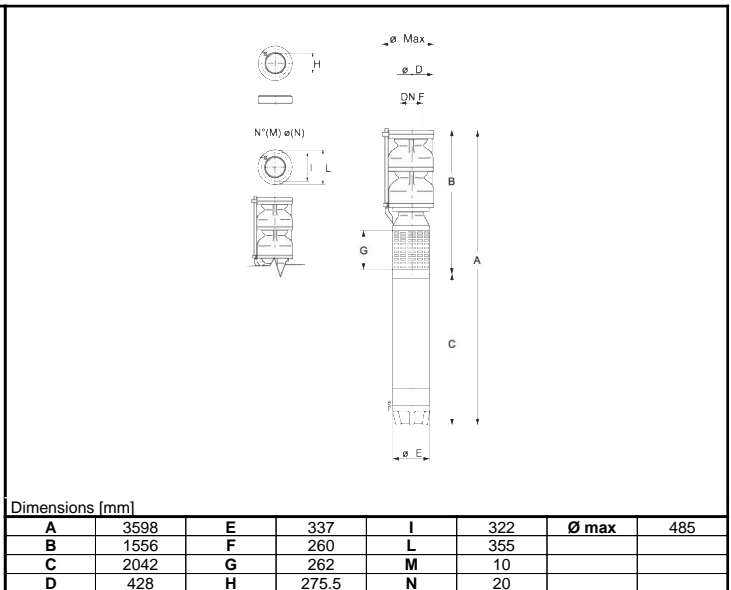
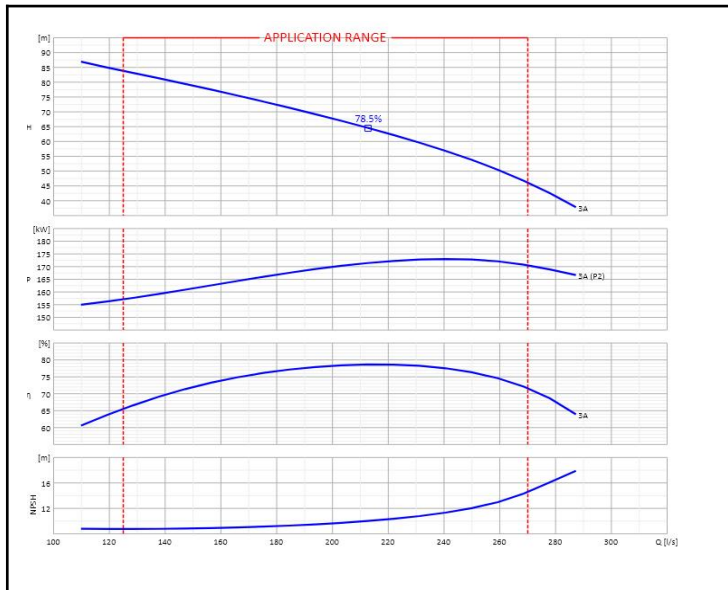


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E20SE55/3A+M14250P-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]			
					Delivery diameter	260	mm
					Max. overall diameter	485	mm
					Weight of electric pump	1340	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	Nodular cast iron	
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	1212.5			mm	Coupling	Stainless steel	
OPERATING CHARACTERISTICS					Pump shaft bearing bush	Bronze	
Service flow rate	n.d.		n.d.		Strainer	Stainless steel	
Service head	n.d.		n.d.		Wear ring	Cast iron	
Qmin	Qmax	125	270	l/s	MOTOR MATERIALS		
H (Q=0)	Hmax (Qmin)	116.31	83.69	m	Shaft	Stainless steel	
Power consumption at duty point	n.d.		n.d.		Upper bracket	Cast iron	
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.	Rotor	Electrical steel	
Max. pump efficiency (B.E.P.)	78.5		n.d.		Stator	Electrical steel	
Sense of rotation (**)	Anticlockwise				Stator shell	Stainless steel	
Number of pumps installed	Operating		Stand-by		Winding	PE2+PA	
	1		0		Lower bracket	Cast iron	
ELECTRIC MOTOR CHARACTERISTICS					Mechanical seal	Silicon carbide/silicon carbide	
Nominal power	185		kW		Bearing bush	Bronze	
Rated frequency	50		Hz		Thrust-bearing	Brass/Synthetic compound	
Rated voltage	400		V		Thrust-bearing foot slip	Nodular cast iron	
Rated current	370.2		A		Diaphragm	Rubber	
No. Poles	Nominal speed	4	1450	1/min	Shaft sleeve	Chrome plated steel	
Insulation class	Protection class	n.d.		IP68	Motor bracket	Nodular cast iron	
<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	
		14/01/2020	