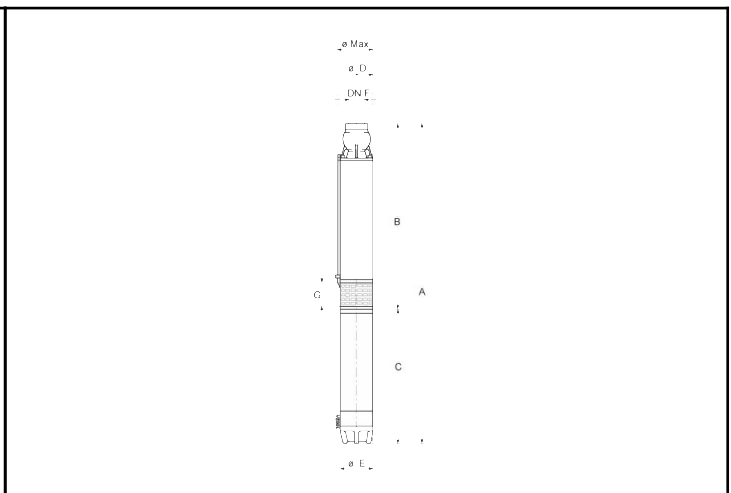
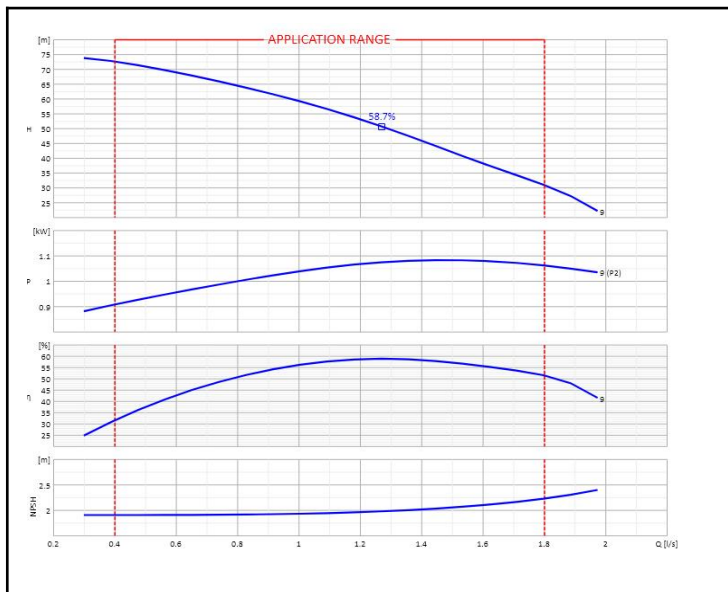


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E6XD20/9+MCH415-8V



A	938	E	96
B	568	F	G2 1/2
C	370	G	n.d.
D	127	Ø max	135

OPERATING DATA - ISO 9906:2012 3B - M.E.I.≥0.40					CONSTRUCTION CHARACTERISTICS		
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]			
					Delivery diameter	G2 1/2	n.d.
					Max. overall diameter	135	mm
					Weight of electric pump	18.7	Kg
					No. Stages	9	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid		Water		Impeller		Technopolymer	
Max. temp. of pumped liquid (*)		30	°C	Pump shaft bearing bush		Rubber	
Maximum density		1	kg/dm³	Diffuser		Technopolymer	
Maximum viscosity		1	mm²/s	Valve casing		Stainless steel	
Maximum solid content		300	g/m³	Strainer			
Max. number of starts/hr		20		Shaft		Stainless steel	
Minimum immersion depth		337.5	mm	Coupling		Stainless steel	
OPERATING CHARACTERISTICS				MOTOR MATERIALS			
Service flow rate		n.d.		Shaft		Stainless steel	
Service head		n.d.		Sand guard		Rubber	
Qmin	Qmax	0.4	1.8	Upper bracket		Cast iron	
H (Q=0)	Hmax (Qmin)	79.56	72.51	Mechanical seal		silicon carbide/ceramic	
Power consumption at duty point		n.d.		Upper ball bearing		Steel	
Pump efficiency		n.d.		Rotor		Electrical steel	
Overall efficiency		n.d.		Stator		Electrical steel	
Max. pump efficiency (B.E.P.)		58.7		Stator shell		Stainless steel	
Sense of rotation (**)		Anticlockwise		Winding		Copper	
Number of pumps installed		Operating		Lower ball bearing		Steel	
		1		Lower bracket		Aluminium	
		Stand-by		Diaphragm		Rubber	
		0		Diaphragm cover		Stainless steel	
ELECTRIC MOTOR CHARACTERISTICS							
Nominal power		1.1		kW			
Rated frequency		50		Hz			
Rated voltage		400		V			
Rated current		3.2		A			
No. Poles	Nominal speed	2	2820	1/min			
Insulation class	Protection class	F		IP68			
n.d.							

Notes:	(*) Speed of the water outside the jacket of the motor v=0.08 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