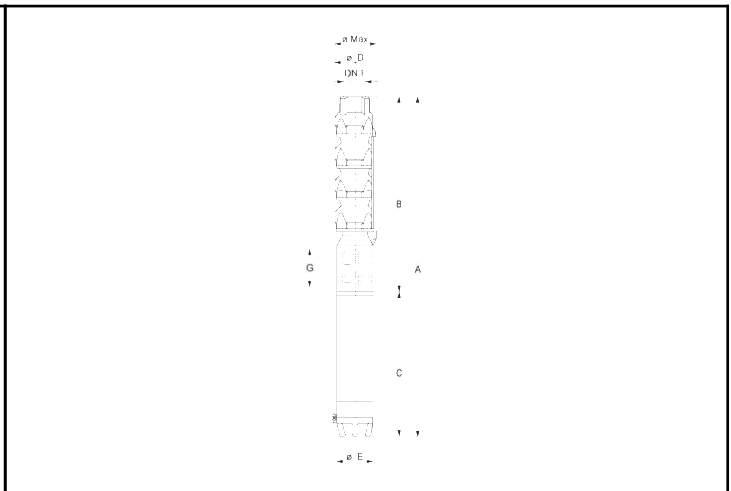
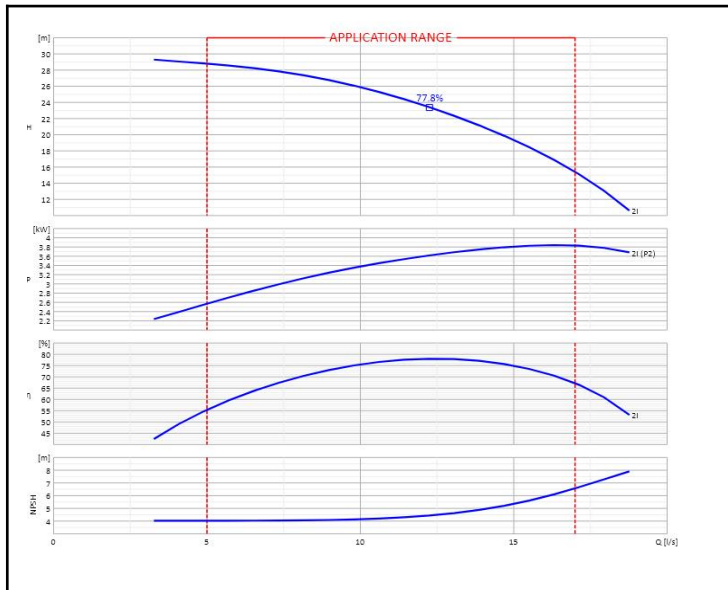


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E6P45/2I+MAC65A-8V



A	1129	E	143
B	559	F	G3
C	570	G	122
D	145.5	Ø max	150

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	G3	n.d.
					Max. overall diameter	150	mm
					Weight of electric pump	59.5	Kg
					No. Stages	2	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS				PUMP MATERIALS			
Pumped liquid		Water		Diffuser unit		Cast iron	
Max. temp. of pumped liquid (*)		40	°C	Suction casing		Cast iron	
Maximum density		1	kg/dm³	Impeller		Cast iron	
Maximum viscosity		1	mm²/s	Shaft		Stainless steel	
Maximum solid content		100	g/m³	Coupling		Stainless steel	
Max. number of starts/hr		20		Pump shaft bearing bush		Stainless steel/rubber	
Minimum immersion depth		375	mm	Valve casing		Cast iron	
OPERATING CHARACTERISTICS				Conical valve			
Service flow rate		n.d.		Strainer		Stainless steel	
Service head		n.d.		Wear ring		Steel/Rubber	
Qmin	Qmax	5	17	MOTOR MATERIALS			
H (Q=0)	Hmax (Qmin)	30.64	28.74	Shaft			
Power consumption at duty point		n.d.		Sand guard			
Pump efficiency		n.d.		Rotor			
Overall efficiency		n.d.		Stator			
Max. pump efficiency (B.E.P.)		77.8		Stator shell			
Sense of rotation (**)		Anticlockwise		Winding			
Number of pumps installed		Operating		Lower bracket			
		1		Mechanical seal			
		Stand-by		Bearing			
		0		Thrust-bearing			
ELECTRIC MOTOR CHARACTERISTICS				Thrust-bearing foot slip			
Nominal power		4 kW		Diaphragm			
Rated frequency		50 Hz		Diaphragm cover			
Rated voltage		400 V		Upper bracket			
Rated current		9.5 A					
No. Poles	Nominal speed	2	2910 1/min				
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=0.5 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