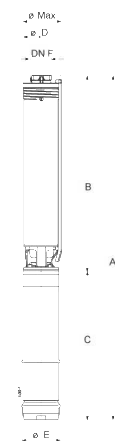
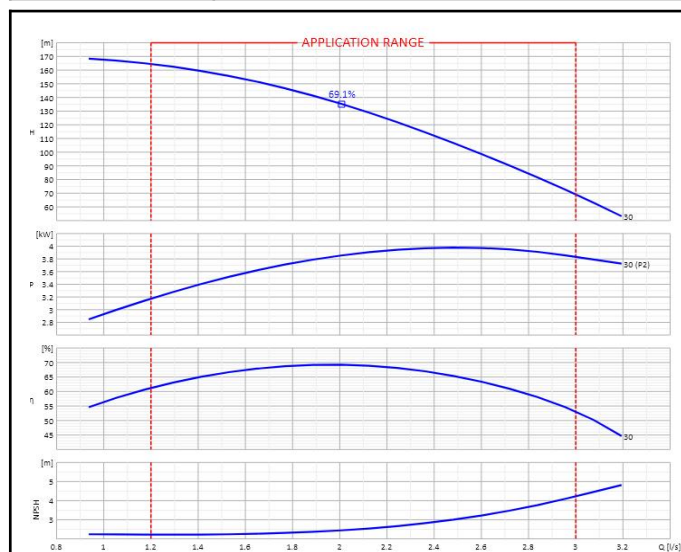



Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E4XP40/30+MCR455-8V



Dimensions [mm]

A	1903	E	96				
B	1398	F	G2				
C	505	Ø max	98				
D	93						

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	G 2"	n.d.
					Max. overall diameter	98	mm
					Weight of electric pump	29.1	Kg
					No. Stages	30	
					Motor seal	Mechanical	
					Type of installation	Vertical	

OPERATING LIMITS					PUMP MATERIALS				
Pumped liquid		Water			Impeller		Technopolymer		
Max. temp. of pumped liquid (*)		30		°C	Shaft		Stainless steel		
Maximum density		1		kg/dm³	Box coupling		Stainless steel		
Maximum viscosity		1		mm²/s	Diffuser		Technopolymer		
Maximum solid content		150		g/m³	Casing		Stainless steel		
Max. number of starts/hr		15			Valve body		Stainless steel		
Minimum immersion depth		245		mm	Strainer				
OPERATING CHARACTERISTICS					Suction cover		Stainless steel		
					Shaft sleeve		Aluminium oxide		
Service flow rate		n.d.		n.d.					
Service head		n.d.		n.d.	MOTOR MATERIALS				
Qmin	Qmax	1.2	3	l/s					
H (Q=0)		Hmax (Qmin)		190.76	164.15	m		Shaft	Stainless steel
Power consumption at duty point		n.d.		n.d.		Sand guard		Rubber	
Pump efficiency	Overall efficiency	n.d.		n.d.		Upper bracket		Cast iron	
Max. pump efficiency (B.E.P.)		69.1		n.d.		Mechanical seal		Ceramic/graphite	
Sense of rotation (**)		Anticlockwise				Upper ball bearing		Steel	
Number of pumps installed		Operating		Stand-by		Rotor		Electrical steel	
		1		0		Stator		Electrical steel	
ELECTRIC MOTOR CHARACTERISTICS					Stator shell		Stainless steel		
Nominal power		4		kW		Winding		Copper	
Rated frequency		50		Hz		Lower ball bearing		Steel	
Rated voltage		400		V		Lower bracket		Aluminium	
Rated current		9.2		A		Diaphragm		Rubber	
No. Poles	Nominal speed	2		2840	1/min		Diaphragm cover		Stainless steel
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	