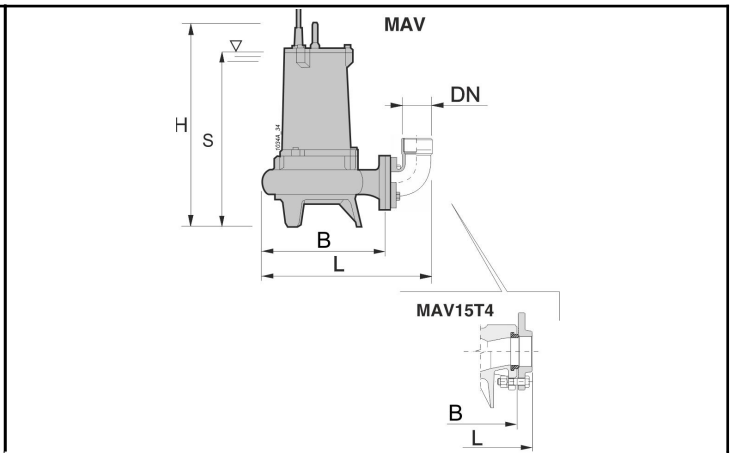
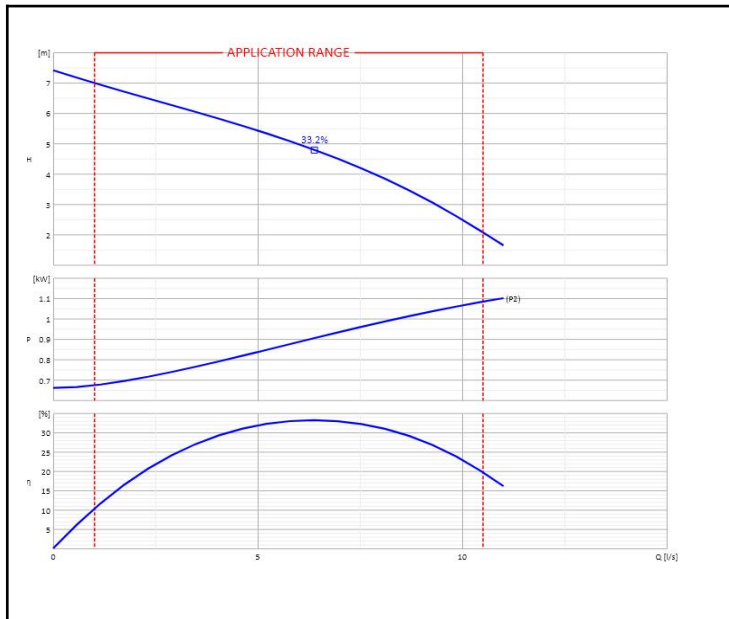


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	MAV11M4-230V
		Required head	n.d.



Dimensioni [mm]	
B	349
DNm	G2"
H	490
L	360
S	380

OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		G 2" n.d.	
					Type of Impeller		Open retracted	
					Moment of inertia		n.d.	
					Electric pump weight	Installation	34	Kg
					Seal on pump side	Motor side	Mechanical	n.d.
					Type of installation		n.d.	
					Operation		Continuous (S1)	

OPERATING LIMITS				OPERATING CHARACTERISTICS			
Pumped liquid	Waste water			Service flow rate	n.d.		n.d.
Max. temperature of pumped liquid	40	°C		Service head	n.d.		n.d.
Maximum density	1	kg/dm³		H (Q=0)	Hmax	0	6.99
Maximum viscosity	1	mm²/s		Qmin	Qmax	1	10.5
Max. solid content	n.d.	%		Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	20			Max power consumption	1.08		kW
Free passage	50	mm		Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	n.d.	n.d.		Sense of rotation (*)		Clockwise	
ELECTRIC PUMP MATERIALS				Number of pumps installed		Operating	Stand-by
						1	0

ELECTRIC MOTOR CHARACTERISTICS			
Round power cable	n.d.		
Stator	Electrical steel		
Rotor	Electrical steel		
Wear ring	Cast iron		
Impeller	Cast iron		
Mechanical seal	Silicon carbide/silicon carbide		
Delivery casing	Cast iron		
Duck foot pedestal	Cast iron		
Gasket for flange	Nitrile rubber		
Nominal power		1.1	kW
Rated frequency		50	Hz
Rated voltage		230	V
Rated current		7.7	A
No. Poles	Rotation speed	4	1400 1/min
Type of motor		1 ~	
Efficiency 4/4		65 %	
Power factor 4/4			
Is/In	Ts/Tn	n.d.	n.d.
Thermal protection			
Insulation class		F	
Protection class		IP68	
Explosion-proof		n.a.	
Power supply cable	Length	H07RN8	10 m
Efficiency class	S.F	n.d.	

<b>Notes:</b>	(*) Viewed from motor coupling side		
OFFER No.	Pos.	Date	
		16/01/2020	