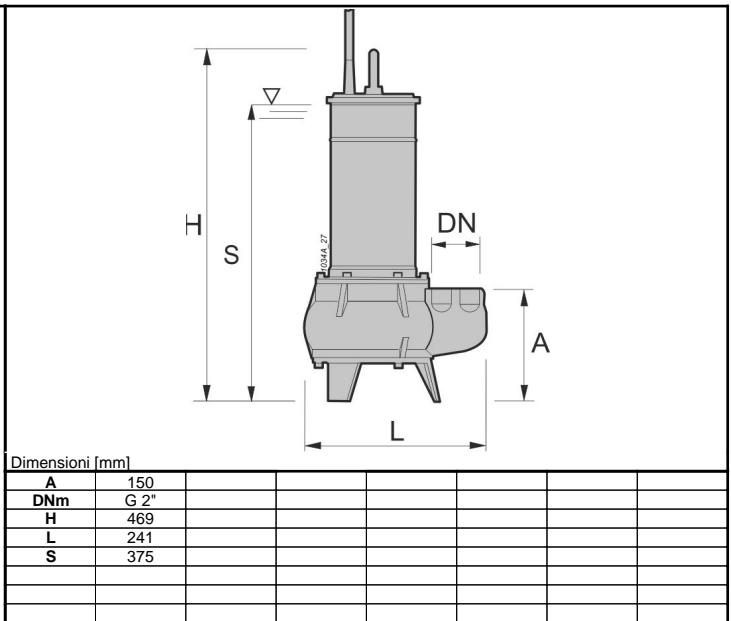
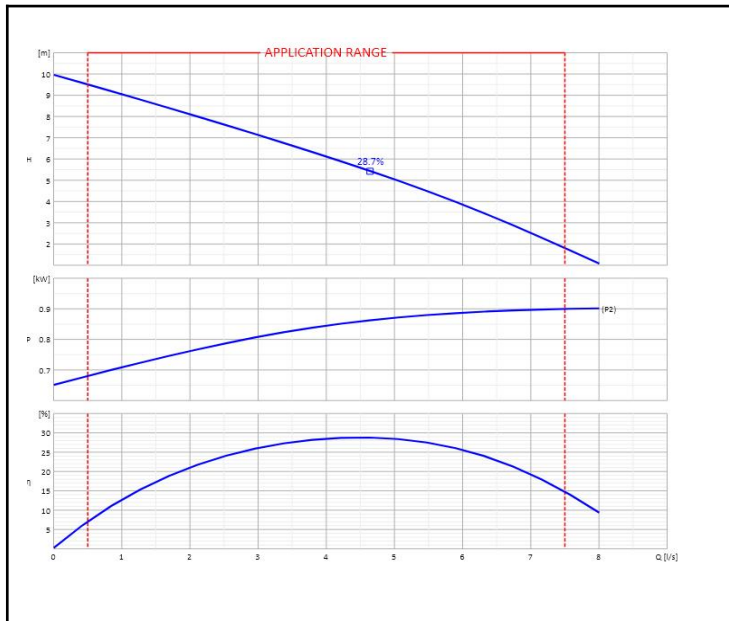


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	MXV09M2-230V
		Required head	n.d.



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	19	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.	
Max. temperature of pumped liquid	40	°C	Service head		n.d.	
Maximum density	1	kg/dm³	H (Q=0)	Hmax	0	9.49
Maximum viscosity	1	mm²/s	Qmin	Qmax	0.5	7.5
Max. solid content	n.d.	%	Power consumption at duty point		n.d.	
Max. number of starts/hr	20		Max power consumption		0.9	
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 PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Shaft with rotor	Stainless steel/Magnetic steel	Nominal power		0.9 kW	
Stator	Electrical steel	Rated frequency		50 Hz	
Round power cable	n.d.	Rated voltage		230 V	
Floating	n.d.	Rated current		5.2 A	
Duck foot pedestal	Cast iron	No. Poles	Rotation speed	2	2800
Impeller	Cast iron	Type of motor		1 ~	
Seal ring	Nitrile rubber	Efficiency 4/4		75 %	
Mechanical seal	Silicon carbide/silicon carbide	Power factor 4/4			
Delivery casing	Cast iron	Is/In	Ts/Tn	n.d.	
		Thermal protection			
		Insulation class		F	
		Protection class		IP68	
		Explosion-proof		n.a.	
		Power supply cable	Length	H07RN-	10 m
		Efficiency class	S.F	n.d.	

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