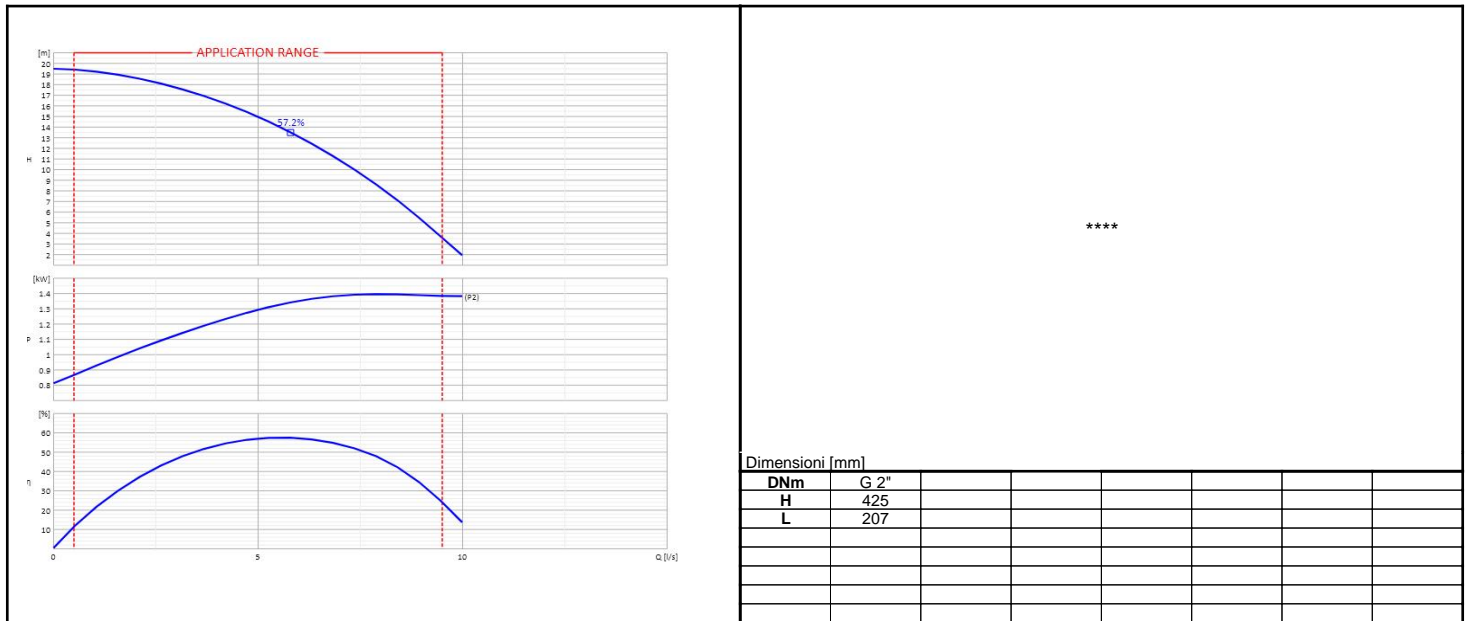


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	DXV14M-230V



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 impeller	
					Moment of inertia		n.d.	
					Electric pump weight	Installation	20.5	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	19.38
Maximum viscosity	1	mm²/s	Qmin	Qmax	0.5	9.5
Max. solid content	n.d.	%	Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	20		Max power consumption	1.39		kW
Free passage	6	mm	Pump efficiency	Overall	n.d.	n.d.
Minimum immersion depth	n.d.	n.d.	Sense of rotation (*)	Clockwise		

ELECTRIC PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Rotor	Electrical steel	Nominal power	1.4		kW
Stator	Electrical steel	Rated frequency	50		Hz
Round power cable	n.d.	Rated voltage	230		V
Floating	n.d.	Rated current	8.8		A
Strainer	Stainless steel	No. Poles	Rotation speed	2	2800
Impeller	Cast iron	Type of motor	1 ~		
Seal ring	Rubber	Efficiency 4/4	77.0 %		
Mechanical seal	Silicon carbide/silicon carbide	Power factor 4/4			
Delivery casing	Cast iron	Is/In	Ts/Tn	n.d.	n.d.
Wear plate	Cast iron	Thermal protection			
		Insulation class	F		
		Protection class	IP68		
		Explosion-proof	n.a.		
		Power supply cable	Length	H07RN-	10
		Efficiency class	S.F	n.d.	

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