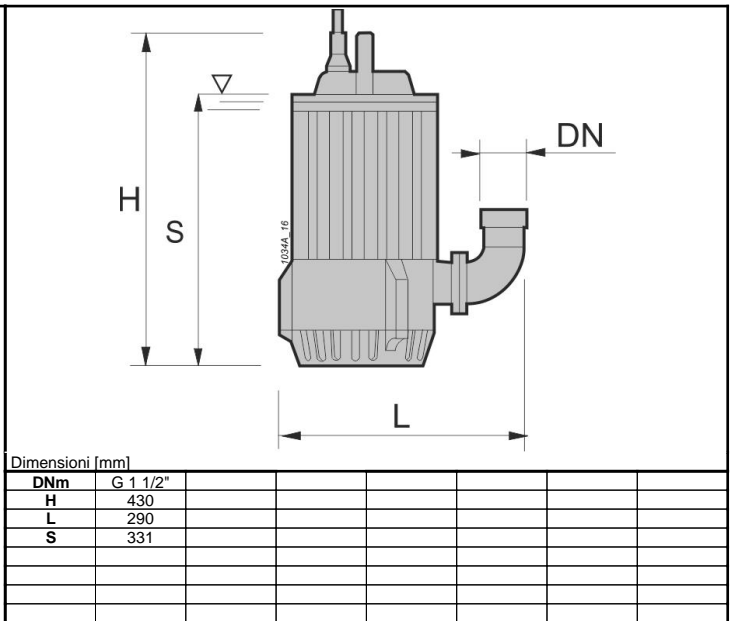
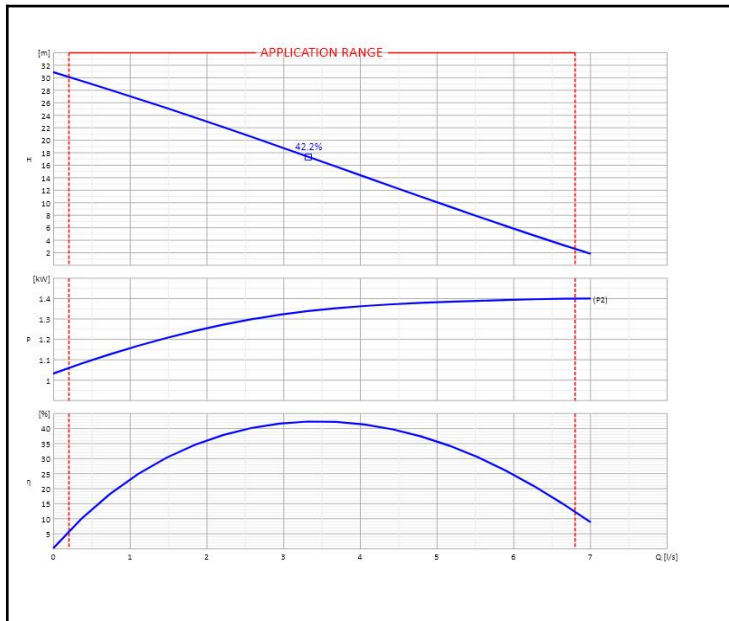


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER	Model	DAD12M-230V
		Required head	n.d.



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter		G 1 1/2"	
					Type of Impeller		Double open impeller	
					Moment of inertia		n.d.	
					Electric pump weight	Installation	24.45	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)	0	30.07	m
Maximum viscosity	1	mm²/s		Qmin	0.2	6.8	l/s
Max. solid content	n.d.	%		Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	20			Max power consumption	1.4		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				Number of pumps installed	Operating	Stand-by	
					1	0	

ELECTRIC MOTOR CHARACTERISTICS			
Rotor	Electrical steel		
Stator	Electrical steel		
Round power cable	n.d.		
Strainer	Aluminium		
Impeller	Cast iron		
Mechanical seal	Silicon carbide/silicon carbide		
Delivery casing	Aluminium		
Wear plate	Stainless steel		
Nominal power	1.5		kW
Rated frequency	50		Hz
Rated voltage	230		V
Rated current	12		A
No. Poles	Rotation speed	2	2800 1/min
Type of motor	1 ~		
Efficiency 4/4	68.0 %		
Power factor 4/4	n.d.		
Is/In	Ts/Tn	n.d.	n.d.
Thermal protection	n.d.		
Insulation class	F		
Protection class	IP68		
Explosion-proof	n.a.		
Power supply cable	Length	H07RN-	10 m
Efficiency class	S.F	n.d.	

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