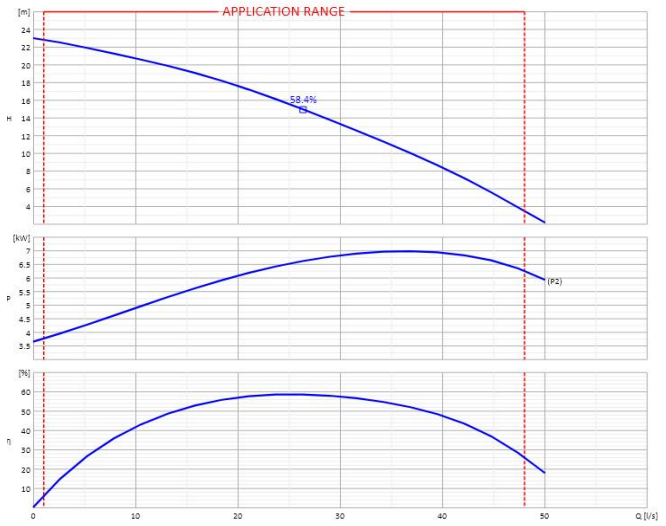
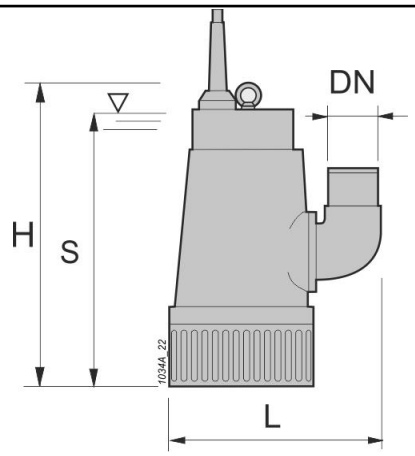
TECHNICAL DATA SHEET

Customer:				Ref.:			
Item		Quantity		Required flow rate	n.d.	Required head	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER			Model	DRL67T-400V ELET		





Dimensioni [mm]

DNm	100 (***)
H	722
L	460
S	200

OPERATING DATA- ISO 9906:2012 3B -

Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]

CONSTRUCTION CHARACTERISTICS

Delivery diameter		100		mm
Type of Impeller		Open impeller		
Moment of inertia		n.d.		
Electric pump weight	Installation	80		Kg
Seal on pump side	Motor side	Mechanical		Mechanical
Type of installation		n.d.		
Operation		Continuous (S1)		

OPERATING LIMITS

Pumped liquid	Waste water	
Max. temperature of pumped liquid	40	°C
Maximum density	1	kg/dm³
Maximum viscosity	1	mm²/s
Max. solid content	n.d.	%
Max. number of starts/hr	n.d.	
Free passage	6	mm
Minimum immersion depth	n.d.	n.d.

OPERATING CHARACTERISTICS

Service flow rate		n.d.		n.d.
Service head		n.d.		n.d.
H (Q=0)	Hmax	0	22.78	m
Qmin	Qmax	1	48	l/s
Power consumption at duty point		n.d.		n.d.
Max power consumption		6.97		kW
Pump efficiency	Overall	n.d.	n.d.	n.d.
Sense of rotation (*)		Clockwise		
Number of pumps installed		Operating		Stand-by
		1		0

ELECTRIC PUMP MATERIALS

Round power cable	n.d.
Stator	Electrical steel
Motor casing	Aluminium
Rotor	Electrical steel
Mechanical seal	Ceramic/graphite
Strainer	Stainless steel
Impeller	Brass/Rubber
Mechanical seal on pump side	Silicon carbide/silicon carbide
Delivery casing	Aluminium
Wear plate	Stainless steel/rubber
Pump casing	Aluminium/rubber

ELECTRIC MOTOR CHARACTERISTICS

Nominal power		n.d.		n.d.
Rated frequency		n.d.		n.d.
Rated voltage		n.d.		n.d.
Rated current		n.d.		n.d.
No. Poles	Rotation speed	n.d.	2900	1/min
Type of motor		n.d.		
Efficiency 4/4		- %		
Power factor 4/4		n.d.		
Is/In	Ts/Tn	n.d.		n.d.
Thermal protection				
Insulation class		n.d.		
Protection class		n.d.		
Explosion-proof		n.a.		
Power supply cable	Length		20	m
Efficiency class	S.F			n.d.

Notes: (*) Viewed from motor coupling side

OFFER No.	Pos.	Date 16/01/2020

T400IT-V01