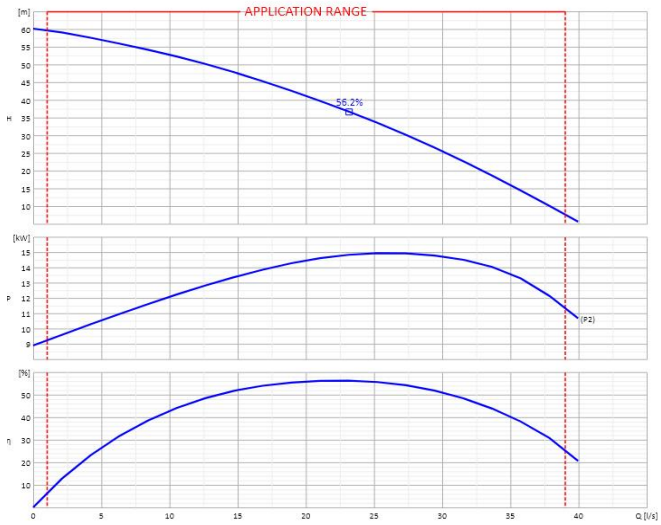
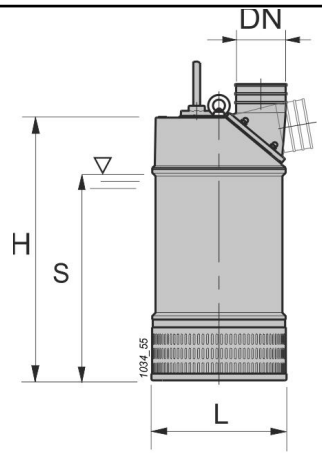
TECHNICAL DATA SHEET

Customer:				Ref.:			
Item		Quantity		Required flow rate	n.d.	Required head	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER			Model	DRH150T-400V		





Dimensioni [mm]

DNm	100 (*)
H	877
L	395
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	204		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	10	
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	59.6	m
Qmin	Qmax	1	39	l/s
Power consumption at duty point		n.d.		n.d.
Max power consumption		14.93		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	Cast iron
Rotor	Electrical steel
Mechanical seal	Ceramic/graphite
Strainer	Stainless steel
Impeller	Nodular cast iron
Mechanical seal on pump side	Silicon carbide/silicon carbide
Delivery casing	Cast iron
Wear plate	Cast iron/rubber
Pump casing	Cast iron/rubber

ELECTRIC MOTOR CHARACTERISTICS

Nominal power		15		kW
Rated frequency		50		Hz
Rated voltage		400		V
Rated current		33		A
No. Poles	Rotation speed	2	2890	1/min
Type of motor		3 ~		
Efficiency 4/4		76.9 %		
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	07RN8-F	20	m
Efficiency class	S.F			n.d.

Notes: (*) Viewed from motor coupling side

OFFER No.	Pos.	Date 16/01/2020

T400IT-V01