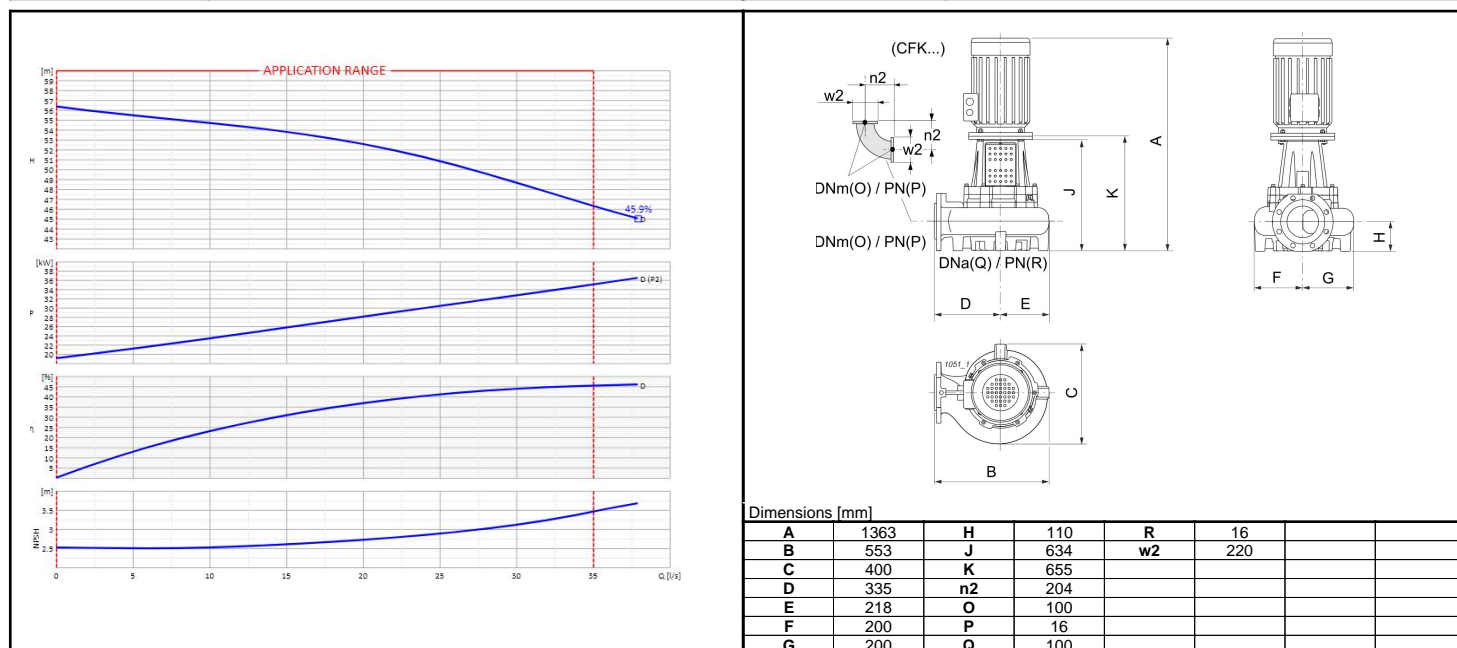


Customer:		Ref.:	
Item	Quantity	Required flow rate	n.d.
Type	ELECTRIC PUMP FOR WASTE WATER	Model	KKCW100ND+037022N3



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	100		mm
					Type of Impeller	Open retracted		
					Moment of inertia	n.d.		
					Installation Electric	Accessories	317	Kg
					Seal on pump side	Motor side	Mechanical	Mechanical
					Type of installation	n.d.		

OPERATING LIMITS				OPERATING CHARACTERISTICS			
pumped liquid	Waste water			Service flow rate	n.d.		n.d.
Max. temperature of pumped liquid	60		°C	Service head	n.d.		n.d.
Maximum density	1		kg/dm³	H (Q=0)	Hmax (Qmin)	56.4	56.35
Maximum viscosity	1		mm²/s	Qmin	Qmax	0	35
Max. solid content	4		%	Power consumption at duty point	n.d.		
Max. number of starts/hr	n.d.			Max power consumption	35.03		
Free passage	80		mm	Pump efficiency	Overall efficiency	n.d.	n.d.
				Sense of rotation (*)	Clockwise		
				Number of pumps installed	Operating	Stand-by	
					1	0	

ELECTRIC PUMP MATERIALS				ELECTRIC MOTOR CHARACTERISTICS			
Delivery body	Cast iron			Nominal power	37		kW
Bearing support	Cast iron			Rated frequency	50		Hz
Impeller	Nodular cast iron			Rated voltage	400		V
Pump shaft	Stainless steel			Rated current	65.5		A
Flange bearing	Cast iron			No. Poles	Rotation speed	2	2955
Oil box	Cast iron						1/min
Lantern bracket	Cast iron			Efficiency class	IE3		
Wear ring	Stainless steel			Type of motor	3 ~		
Protective casing	Brass			Efficiency 4/4 - 3/4	93.7 - 93.8 %		
Conductivity probe	Steel			Power factor 4/4 - 3/4	0.87		
Elastic ring	Rubber			Is/In	Ts/Tn	7.6	2
Seal ring	Stainless steel			Thermal protection	PTC		
bearing	Rubber			Insulation class	F		
Belleville washer	Stainless steel			Protection class	IP55		
OR Seal ring	Stainless steel			Mounting	V1		
Plug	Silicon carbide/silicon carbide						
Mechanical seal on pump side							

Notes:	(*) View from suction side
OFFER No.	Pos.
	Date
	16/01/2020