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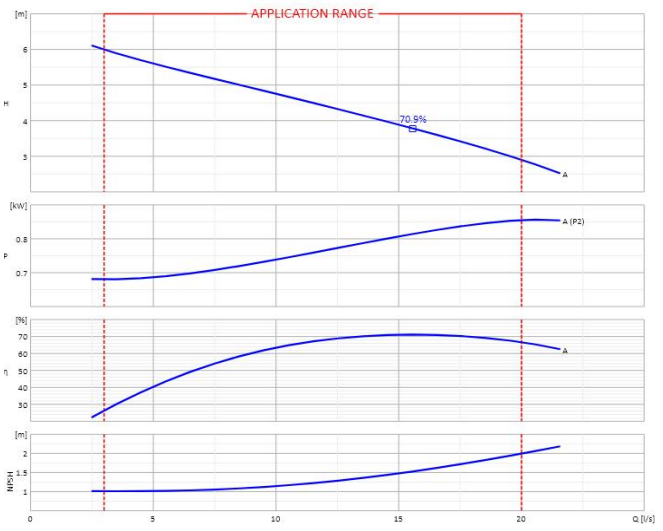
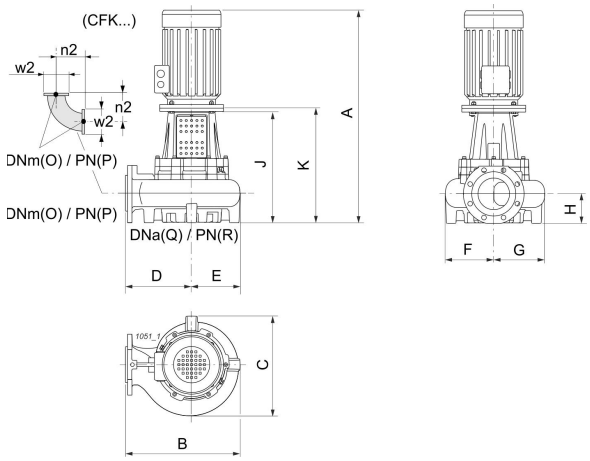
TECHNICAL DATA SHEET

PumpTutor NG NEXT GENERATION

Customer:				Ref.:			
Item		Quantity		Required flow rate	n.d.	Required head	n.d.
Type	ELECTRIC PUMP FOR WASTE WATER			Model	KKCM080HA+001161N3		





Dimensions [mm]

A	759	**H**	121	**R**	16 (*)		
B	407	**J**	409	**w2**	200		
C	317	**K**	424				
D	245	**n2**	164				
E	162	**O**	80				
F	144	**P**	16				
G	173	**Q**	80				

OPERATING DATA- ISO 9906:2012 3B -

Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]

CONSTRUCTION CHARACTERISTICS

Delivery diameter		80	mm
Type of Impeller		Single channel	
Moment of inertia		n.d.	
Installation Electric	Accessories	72	Kg
Seal on pump side	Motor side	Mechanical	Mechanical
Type of installation		n.d.	

OPERATING LIMITS

pumped liquid	Waste water	
Max. temperature of pumped liquid	60	°C
Maximum density	1	kg/dm³
Maximum viscosity	1	mm²/s
Max. solid content	4	%
Max. number of starts/hr	n.d.	
Free passage	75	mm

OPERATING CHARACTERISTICS

Service flow rate		n.d.		n.d.
Service head		n.d.		n.d.
H (Q=0)	Hmax (Qmin)	6.69	5.99	m
Qmin	Qmax	3	20	l/s
Power consumption at duty point		n.d.		n.d.
Max power consumption		0.85		kW
Pump efficiency	Overall efficiency	n.d.	n.d.	n.d.
Sense of rotation (*)		Clockwise		
Number of pumps installed		Operating		Stand-by
		1		0

ELECTRIC PUMP MATERIALS

Delivery body	Cast iron
Bearing support	Nodular cast iron
Impeller	Cast iron
Pump shaft	Stainless steel
Flange bearing	Cast iron
Oil box	Cast iron
Lantern bracket	Cast iron
Wear ring	Steel/Rubber
Protective casing	Stainless steel
Conductivity probe	Brass
Elastic ring	Steel
Seal ring	Rubber
bearing	
Belleville washer	Stainless steel
Seal ring	Rubber
Plug	Stainless steel
Mechanical seal on pump side	Ceramic/graphite

ELECTRIC MOTOR CHARACTERISTICS

Nominal power		1.1		kW
Rated frequency		50		Hz
Rated voltage		400		V
Rated current		2.78		A
No. Poles	Rotation speed	6	910	1/min
Efficiency class		IE3		
Type of motor		3 ~		
Efficiency 4/4 - 3/4		81.0 - 81.3 %		
Power factor 4/4 - 3/4		0.71		
Is/In	Ts/Tn	4		2
Thermal protection				
Insulation class		F		
Protection class		IP55		
Mounting		V1		

Notes: (*) View from suction side

OFFER No.	Pos.	Date 16/01/2020

T400IT-V01