

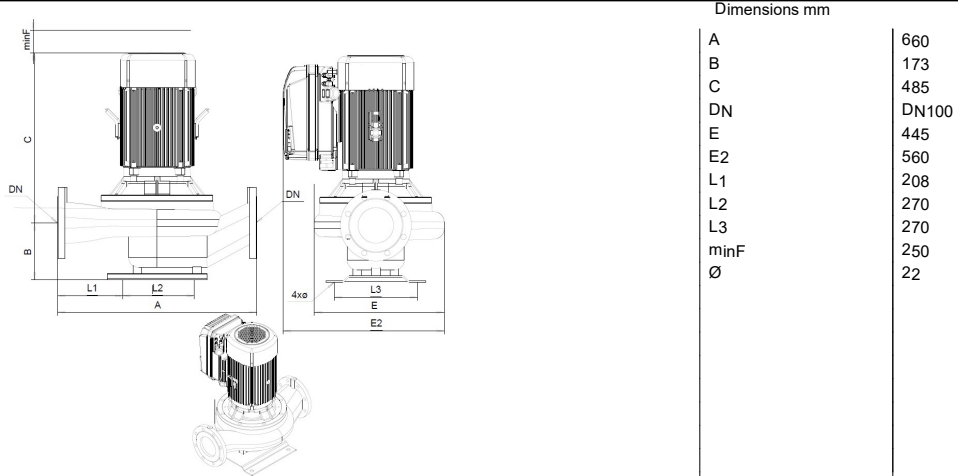
Receiver		From	
Company name			
Department			
Phone number			
Fax no.			
e-mail address			

Requested data

Fluid	Water		Nominal flow	l/s
Solids	Type		Nominal head	m
	Weight %	0	Static head	m
pH-value at t A			Available system NPSH	m
Operating temperature t A		°C 20	Inlet pressure	kPa 0
Density at t A	kg/m³ 998.3		Altitude	m 100
Kin. viscosity at t A	cSt 1.005			
Vapour pressure at t A	kPa 2.34			

Pumpenbezeichnung		L-100S/4 MD 4 kW		Pumpe	
Pumppu- ja positionumerot		Impeller type			
Frame size		Impeller construction			
Design	In-line pump with frequency converter MD		Impeller Ø	Max.	mm 225
Weight	150			Designed	mm 225
Self-suctioning	<input type="checkbox"/> Yes			Min.	mm 225
Speed	1/min 3600	Flow	Nominal	l/s 20.2	
Max. operating pressure	kPa 195		Max-	l/s 39.5	
Max. diff. pressure	kPa 195		Min-	l/s 0	
No. stages	1	Head	Nominal	m	
No. diffusers	1		@ Qmax	m 1.8	
			@ Qmin	m 19.9	
Suction port	Pressure rating		Head H(Q=0)	m 19.9	
	Nominal pipe size		NPSH 3%	m	
Discharge port	Standard		Shaft power	kW	
	Pressure rating		Max. shaft power at max. impeller	kW 4.35	
	Nominal pipe size		Efficiency		
Standard					

Materials		Pump parts	
Pump	Pump: Grey cast iron PN10	Shaft seal	Standard seal
Impeller	Cast iron		



Motor		Coupling	
Type	Kolmeks KP-112-2 F31 4kW	Type	
Specific design	3-phases motors / 50 Hz / Pole pairs 2	Series	
Rated power kW	4	Speed 1/min	1500
Electric voltage V	3~ 400	Spacer length	mm
Degree of protection	IP 54	Electric current A	8.29
Type of protection	--	Frame size	112
		Max input current	
		Max input current	

Remarks:

Performance curves

Revision number

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L_-100S/4 MD 4kW

Customer

Supplier

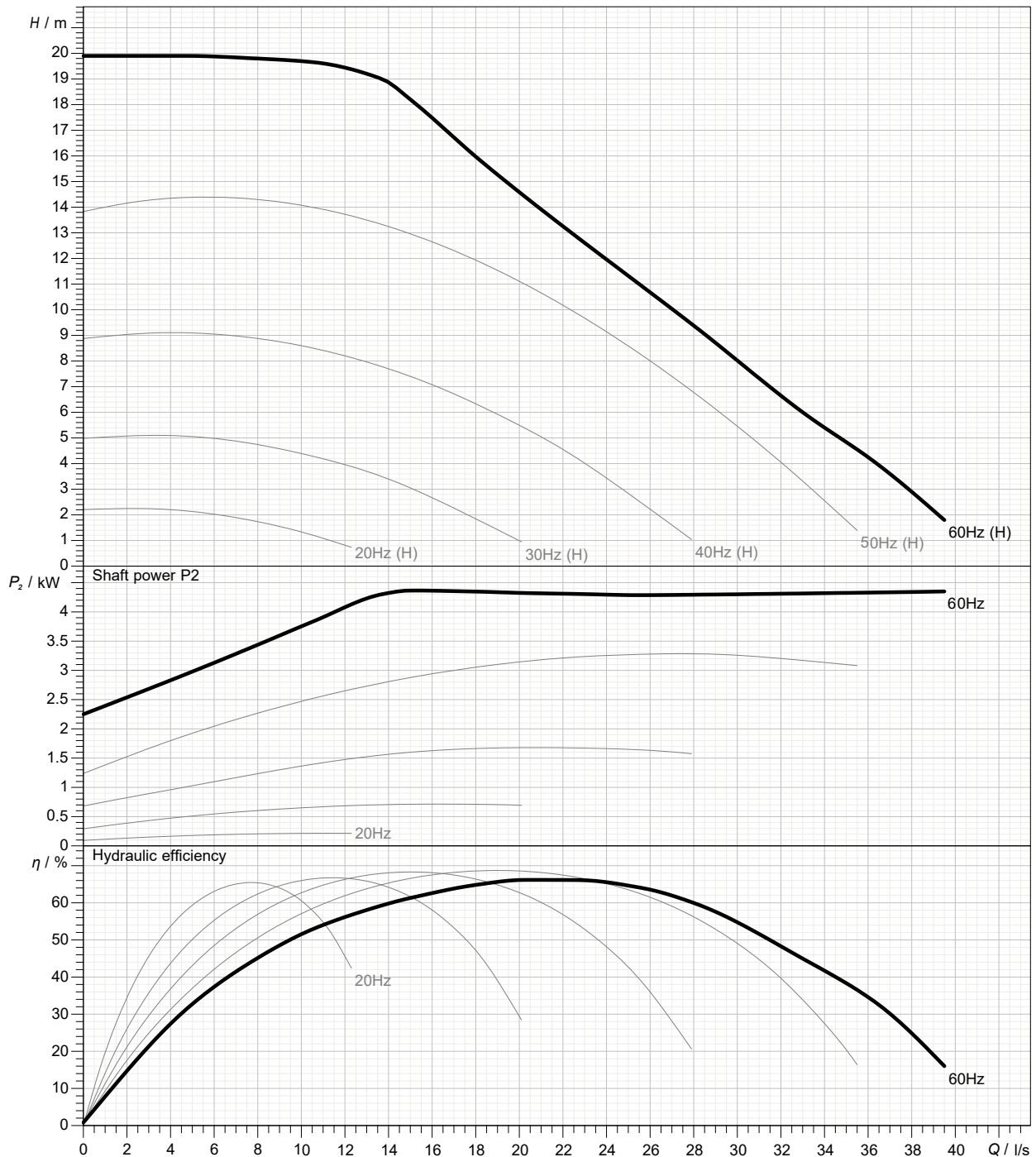
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Impeller	Flow					Head		Shaft power P2			Impeller type	
	mm	Value range	Max. l/s	Max. l/s	Max. l/s	m	Max. m	kW	kW	Max. kW	Impeller construction	
Actual	225	0	39.5	20.2	19.9	14.5	2.25	4.35	4.32		Sense of rotation	Clockwise from the drive end
Min.	225			7.71	2.21	1.79	0.093	0.214	0.14		Bearing bracket	
Max.	225			20.2	19.9	14.5	2.25	4.35	4.32		Outlet width	mm
											Frequency	50 Hz
											Speed	1/min 3600

Power data referred to: ; 20°C; 998.3kg/m³; 1.005cSt

 Reference no.
Frame size

Tolerance according to: No testnorm defined for this product



Project

Business process ID

 Issue date
2022-09-08

 Last update
2022-09-08