

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
pH-value at t A		Available system NPSH	
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			

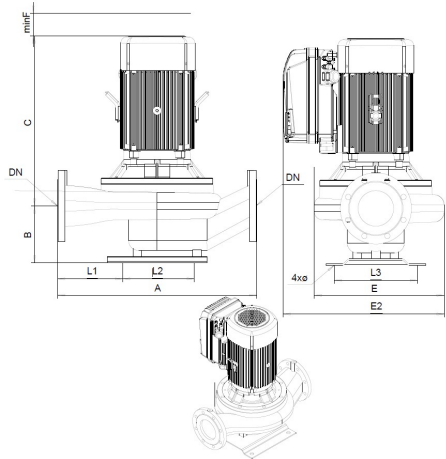
Pumpe

Pumpenbezeichnung	L-100S/4M MD 5.5kW				
Pumppu- ja positionumerot					
Frame size					
Design	In-line pump with frequency converter MD				
Weight	200				
Self-suctioning	<input type="checkbox"/> Yes				
Speed	1/min	3600			
Max. operating pressure	kPa	250	Flow		
Max. diff. pressure	kPa	250			
No. stages	1				
No. diffusers	1		Head		
Suction port	Pressure rating				
	Nominal pipe size				
Discharge port	Pressure rating				
	Nominal pipe size				
Standard			Head H(Q=0)	m	25.5
Standard			NPSH 3%	m	
Standard			Shaft power	kW	
Standard			Max. shaft power at max. impeller	kW	5.53
Standard			Efficiency		

Materials

Pump parts

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



Dimensions mm

A	660
B	173
C	555
DN	DN100
E	445
E2	560
L1	208
L2	270
L3	270
minF	250
Ø	22

Motor

Coupling

Type	Kolmeks KP-133 G2 F31 5,5kW			Type	
Specific design	3-phases motors / 50 Hz / Pole pairs 2			Series	
Rated power	kW 5.5	Speed	1/min 1500	Spacer length	mm
Electric voltage	V 3~ 400	Electric current	A 10.5	Frame size	
Degree of protection	IP 55	Frame size	133	Max input current	
Type of protection	--	Explosion protection		Max input current	

Remarks:

Performance curves

Revision number

Page
2

L_-100S/4 MD 5,5kW

Customer

Supplier

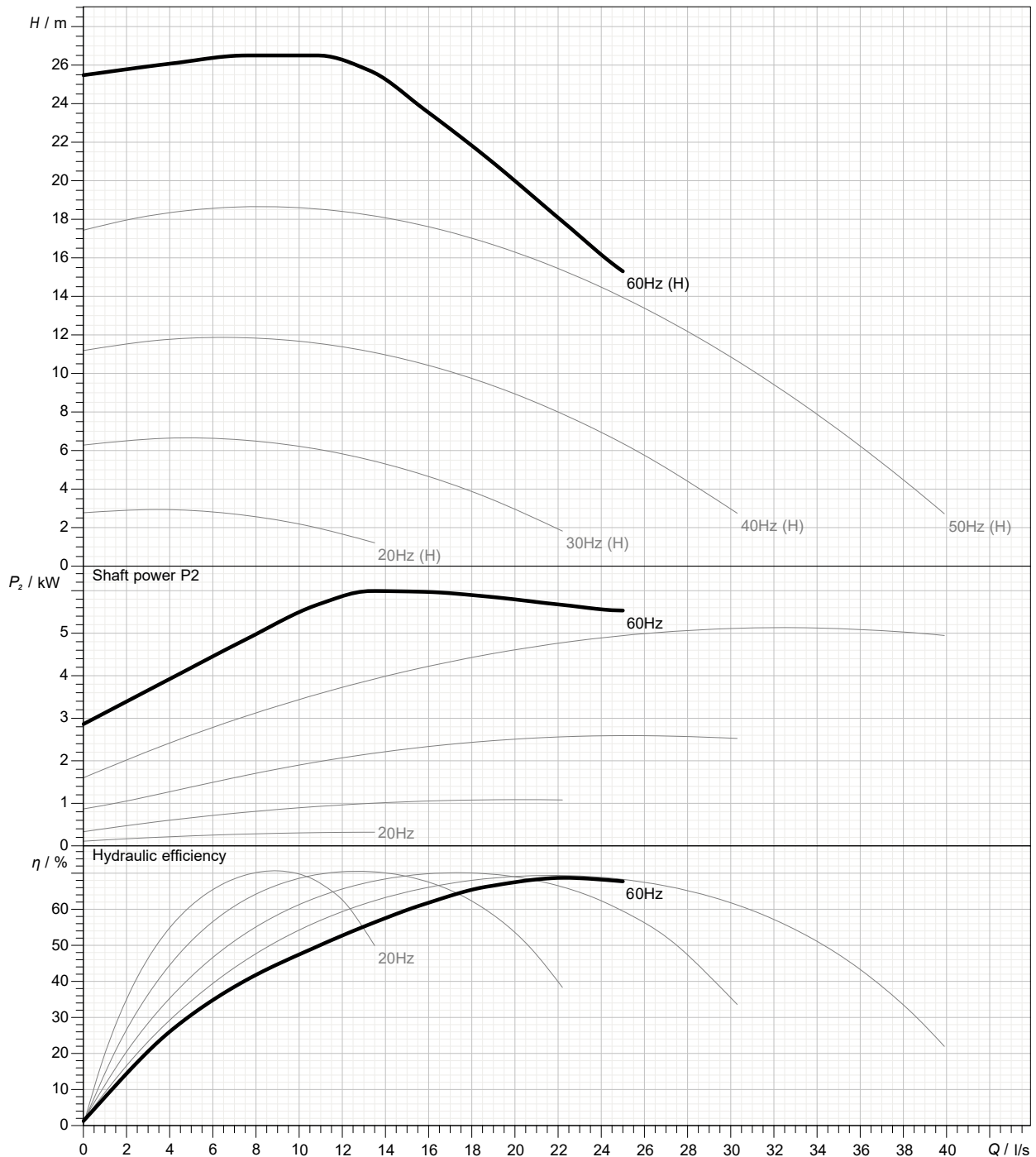
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	mm	Flow Value range			Head		Shaft power P2			Impeller type	
		Min. l/s	Max. l/s	Max. l/s	m	Max. m	kW	kW	Max. kW	Impeller construction	
Actual	247	0	25	22.3	25.5	17.8	2.86	5.53	5.66	Outlet width	mm
Min.	247			8.88	2.77	2.41	0.109	0.321	0.245	Frequency	50 Hz
Max.	247			22.3	25.5	17.8	2.86	5.53	5.66	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
2022-09-07

Last update
2022-09-07