

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		

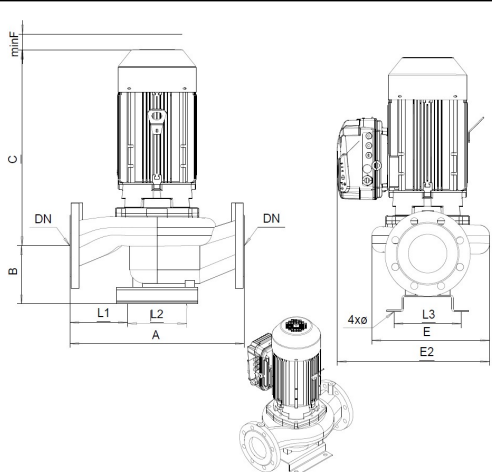
**Pumpe**

Pumpenbezeichnung	L-80A/4MD□1.5kW			
Pumppu- ja positionumerot				
Frame size				
Design	In-line pump with frequency converter MD			
Weight	61			
Self-suctioning	<input type="checkbox"/> Yes			
Speed	1/min	1800	Flow	
Max. operating pressure	kPa	162		
Max. diff. pressure	kPa	162		
No. stages	1			
No. diffusers	1		Head	
Suction port	Pressure rating			
	Nominal pipe size			
	Standard			
Discharge port	Pressure rating			
	Nominal pipe size			
	Standard			
Impeller type			Impeller Ø	
Impeller construction				
		Max.	mm	188
		Designed	mm	188
		Min.	mm	188
		Nominal	l/s	9.94
		Max-	l/s	19.8
		Min-	l/s	0
		Nominal	m	
		@ Qmax	m	1.16
		@ Qmin	m	16.5
		Head H(Q=0)	m	16.5
		NPSH 3%	m	
		Shaft power	kW	
		Max. shaft power at max. impeller	kW 1.54	
		Efficiency		

**Materials**

**Pump parts**

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



**Dimensions mm**

A	360
B	140
C	455
DN	DN80
E	275
E2	366
L1	93
L2	170
L3	170
minF	150
Ø	16

**Motor**

**Coupling**

Type	Kolmeks KP-90-2 B F19 1,5kW		Type		
Specific design	- / 50 Hz / Pole pairs 2		Series		
Rated power	kW 1.5	Speed	1/min	Spacer length	mm
Electric voltage	V 1~ 230	Electric current	A 10.3	Frame size	
Degree of protection	IP 54	Frame size	90	Max input current	
Type of protection	--	Explosion protection		Max input current	

Remarks:

# Performance curves

Revision number

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L\_-80A/4 MD 1,5kW

Customer

Supplier

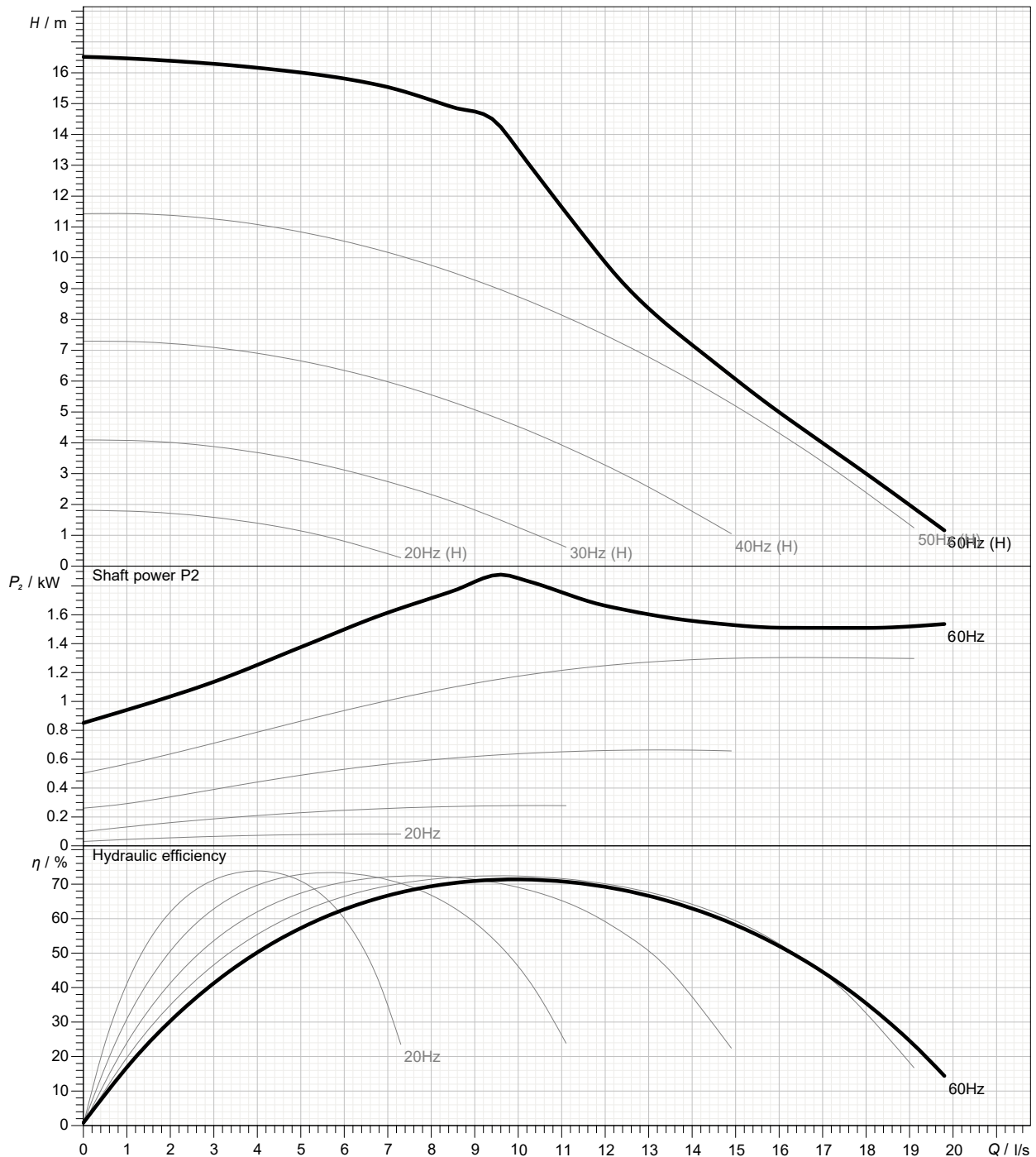
Company name  
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	mm	Flow			Head			Shaft power P2			Impeller type	
		Value range	Min. l/s	Max. l/s	Max. l/s	m	Max. m	kW	kW	Max. kW	Impeller construction	
Actual	188	0	19.8	9.94	16.5	13.6	0.851	1.54	1.86	Outlet width	mm	
Min.	188			3.99	1.81	1.4	0.0304	0.0818	0.0725	Frequency	50 Hz	
Max.	188			9.94	16.5	13.6	0.851	1.54	1.86	Speed	1/min 1800	

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  
2022-09-12

Last update  
2022-09-12