

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/m <sup>3</sup> 998.3	Altitude	m 100
Kin. viscosity at t A cSt 1.005			
Vapour pressure at t A kPa 2.34			

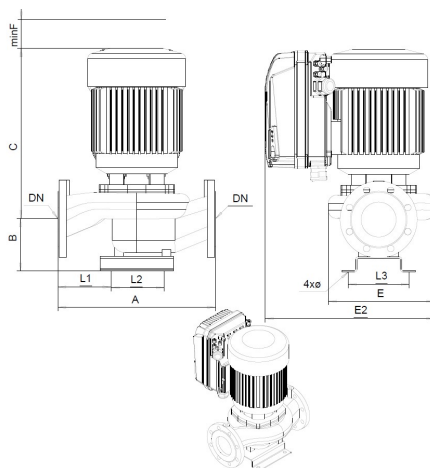
**Pumpe**

Pumpenbezeichnung	L-80A/2 MD 3 kW			
Pumppu- ja positionumerot				
Frame size				
Design	In-line pump with frequency converter MD			
Weight	66			
Self-suctioning	<input type="checkbox"/> Yes			
Speed	1/min	3000		
Max. operating pressure	kPa	186	Flow	
Max. diff. pressure	kPa	186		
No. stages	1		Head	
No. diffusers	1			
Suction port	Pressure rating			
Suction port	Nominal pipe size		Head H(Q=0)	m 19
	Standard		NPSH 3%	m
Discharge port	Pressure rating		Shaft power	kW
	Nominal pipe size		Max. shaft power at max. impeller	kW 2.58
	Standard		Efficiency	

**Materials**

**Pump parts**

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



**Dimensions mm**

A	360
B	140
C	495
DN	DN80
E	275
E2	385
L1	93
L2	170
L3	170
minF	150
Ø	16

**Motor**

**Coupling**

Type	Kolmeks KP-100-1 B F19		Type		
Specific design	3-phases motors / 50 Hz / Pole pairs 1		Series		
Rated power	kW 3	Speed	1/min 3000	Spacer length	mm
Electric voltage	V 3~ 400	Electric current	A 5.69	Frame size	
Degree of protection	IP 54	Frame size	100	Max input current	5.3
Type of protection	--	Explosion protection		Max input current	

Remarks:

## Performance curves

Revision number

 Page  
2

### L\_-80A/2 MD 3kW

Customer

Supplier

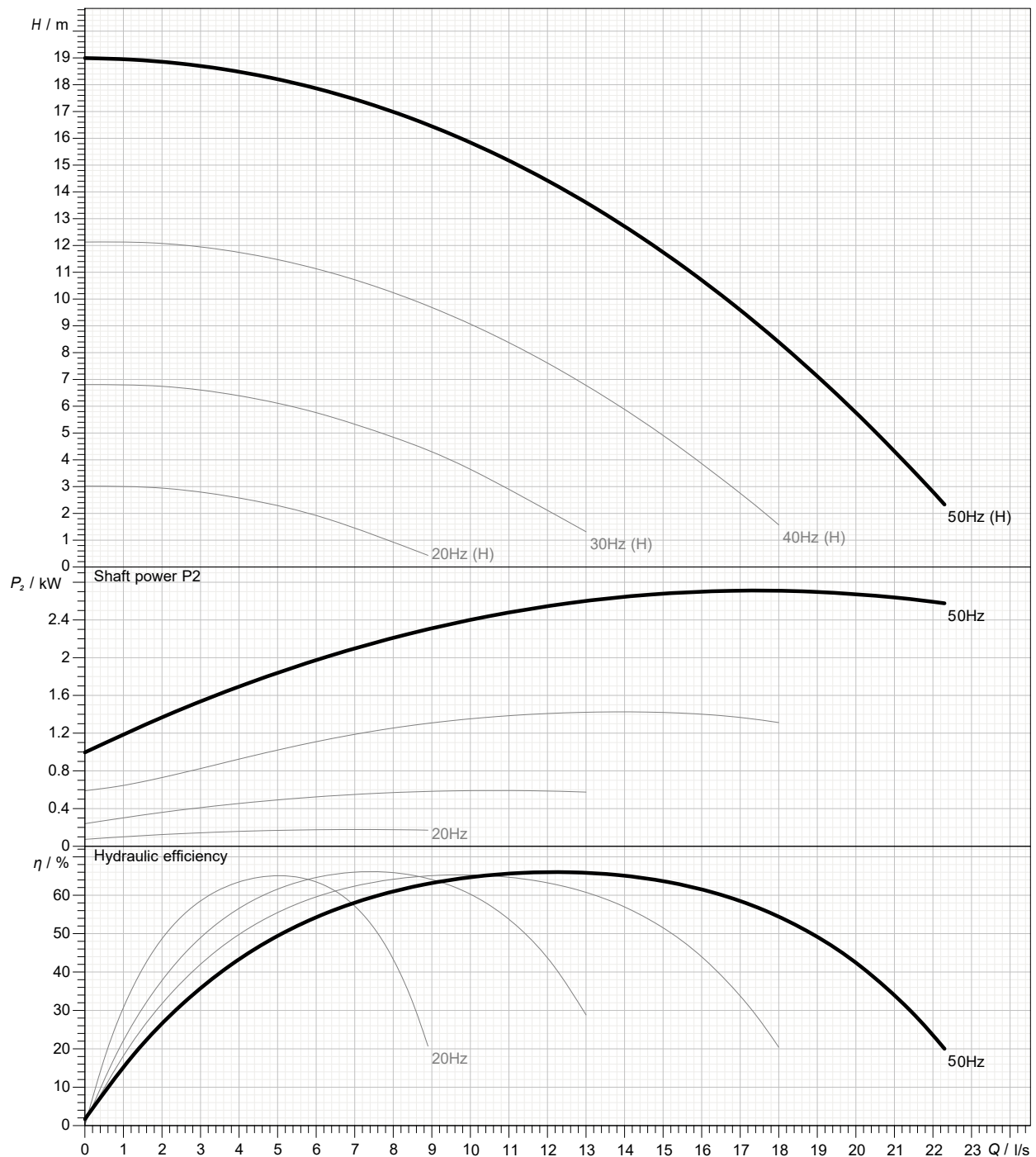
 Company name  
Dept.  
Editor  
Phone number  
Fax no.  
E-mail

Impeller		Flow			Head		Shaft power P2			Impeller type	
	mm	Value range	Min. l/s	Max. l/s	Max. l/s	m	Max. m	kW	kW	Max. kW	Impeller construction
Actual	130	0	22.3	12.2	19	14.3	0.995	2.58	2.56		Sense of rotation
Min.	130			5.04	3.02	2.27	0.0737	0.171	0.125		Bearing bracket
Max.	130			12.2	19	14.3	0.995	2.58	2.56		Outlet width
											Frequency
											Speed

 Reference no.  
Frame size

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

Tolerance according to: No testnorm defined for this product



Project

Business process ID

 Issue date  
2022-09-08

 Last update  
2022-09-08