

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	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		

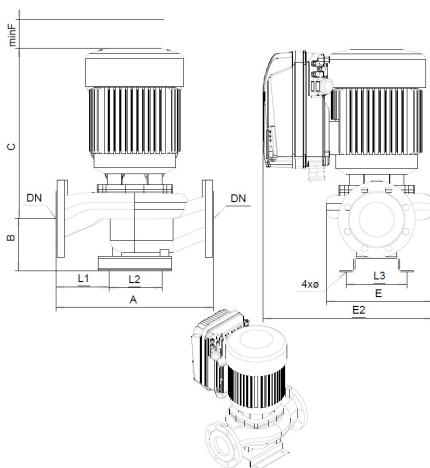
**Pumpe**

Pumpenbezeichnung	L-80A/2 MD 7.5kW		
Pumppu- ja positionumerot		Impeller type	
Frame size		Impeller construction	
Design	In-line pump with frequency converter MD		
Weight	106	Impeller Ø	Max. mm 166
Self-suctioning	<input type="checkbox"/> Yes		Designed mm 166
			Min. mm 166
Speed	1/min 3600	Flow	Nominal l/s 16.3
Max. operating pressure	kPa 483		Max- l/s 19
Max. diff. pressure	kPa 483		Min- l/s 0
No. stages	1	Head	Nominal m
No. diffusers	1		@ Qmax m 25.1
			@ Qmin m 49.3
Suction port	Pressure rating	Head H(Q=0)	m 49.3
	Nominal pipe size	NPSH 3%	m
Discharge port	Standard	Shaft power	kW
	Pressure rating	Max. shaft power at max. impeller	kW 6.76
	Nominal pipe size	Efficiency	
Standard			

**Materials**

**Pump parts**

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



**Dimensions mm**

A	360
B	140
C	480
DN	DN80
E	275
E2	470
L1	93
L2	170
L3	170
minF	150
Ø	16

**Motor**

**Coupling**

Type	Kolmeks KP-132 E1 F19 7,5kW MD			Type	
Specific design	3-phases motors / 50 Hz / Pole pairs 1			Series	
Rated power kW	7.5	Speed 1/min	3000	Spacer length	mm
Electric voltage V	3~ 400	Electric current A	13.5	Frame size	
Degree of protection	IP 55	Frame size	132	Max input current	
Type of protection	--	Explosion protection		Max input current	

Remarks:

# Performance curves

Revision number

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L\_-80A/2 MD 7,5kW

Customer

Supplier

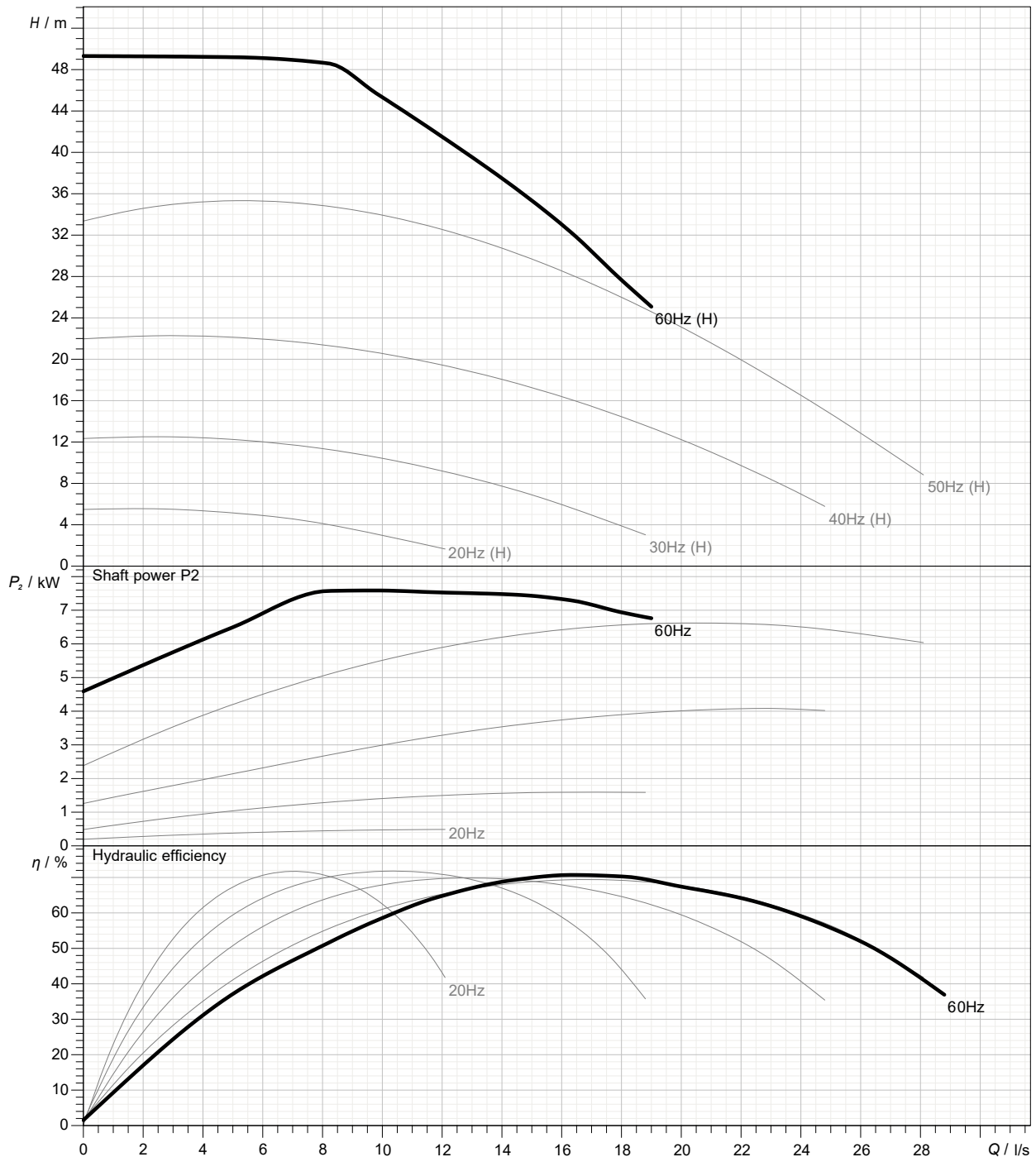
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	mm	Flow Value range			Head		Shaft power P2			Impeller type	
		Min. l/s	Max. l/s	Max. l/s	m	Max. m	kW	kW	Max. kW	Impeller construction	
Actual	166	0	19	16.3	49.3	32.3	4.59	6.76	7.3	Outlet width	mm
Min.	166			7.05	5.48	4.51	0.195	0.487	0.468	Frequency	50 Hz
Max.	166			16.3	49.3	32.3	4.59	6.76	7.3	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