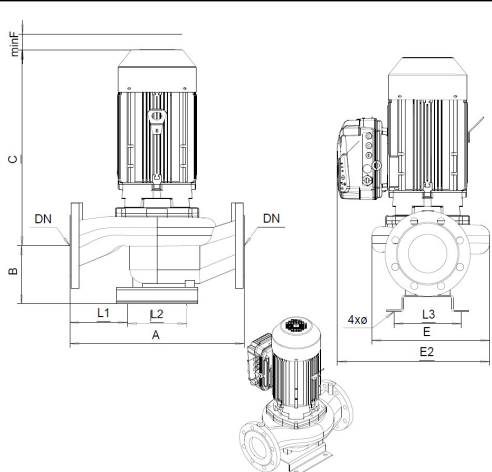


		AL_-1102/4 MD 0,9kW		Item		Page: 1																									
		Receiver		From																											
Company name																															
Department																															
Phone number																															
Fax no.																															
e-mail address																															
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		AL-1102/4MD 0.9kW		Pumpe																											
Pumppu- ja positionumerot				Impeller type																											
Frame size				Impeller construction																											
Design		In-line pump with frequency converter MD		Impeller Ø	Max.	mm	142																								
Weight		63			Designed	mm	142																								
Self-suctioning		☐ Yes			Min.	mm	142																								
Speed		1/min	1950	Flow	Nominal	l/s	13																								
Max. operating pressure		kPa	87.2		Max-	l/s	23.5																								
Max. diff. pressure		kPa	87.2		Min-	l/s	0																								
No. stages		1		Head	Nominal	m																									
No. diffusers		1			@ Qmax	m	0.8																								
					@ Qmin	m	8.9																								
Suction port	Pressure rating			Head H(Q=0)		m	8.9																								
	Nominal pipe size			NPSH 3%		m																									
Discharge port	Standard			Shaft power		kW																									
	Pressure rating			Max. shaft power at max. impeller		kW	1.24																								
	Nominal pipe size			Efficiency																											
Materials																															
Pump parts		Pump: Grey cast iron PN10		Shaft seal		Standard seal																									
Impeller		Cast iron																													
 <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">Dimensions mm</th> </tr> </thead> <tbody> <tr><td>A</td><td>450</td></tr> <tr><td>B</td><td>150</td></tr> <tr><td>C</td><td>385</td></tr> <tr><td>DN</td><td>DN100</td></tr> <tr><td>E</td><td>305</td></tr> <tr><td>E2</td><td>380</td></tr> <tr><td>L1</td><td>140</td></tr> <tr><td>L2</td><td>170</td></tr> <tr><td>L3</td><td>170</td></tr> <tr><td>minF</td><td>150</td></tr> <tr><td>Ø</td><td>16</td></tr> </tbody> </table>								Dimensions mm		A	450	B	150	C	385	DN	DN100	E	305	E2	380	L1	140	L2	170	L3	170	minF	150	Ø	16
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minF	150																														
Ø	16																														
Motor				Coupling																											
Type	Kolmek's KPMD-80-2 B F19 0,9kW		Type																												
Specific design	- / 50 Hz / Pole pairs 2		Series																												
Rated power kW	0.9	Speed 1/min			Spacer length	mm																									
Electric voltage V	1~ 230	Electric current A			Frame size																										
Degree of protection	IP 54	Frame size	80	Max input current		7.2																									
Type of protection	--	Explosion protection			Max input current																										
Remarks:																															
Project		Business process IC		Issue date		Last update																									
				2022-09-07		2022-09-07																									

