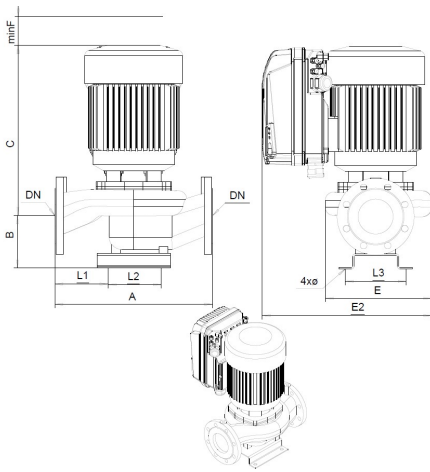


		AL_-1102/2 MD 7,5kW		Item		Page: 1																							
		Receiver		From																									
Company name																													
Department																													
Phone number																													
Fax no.																													
e-mail address																													
Requested data																													
Fluid		Water		Nominal flow		l/s																							
Solids		Type		Nominal head		m																							
		Weight %		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-1102/2MD 7.5kW		Pumpe																									
Pumppu- ja positionumerot				Impeller type																									
Frame size				Impeller construction																									
Design		In-line pump with frequency converter MD		Impeller Ø		Max. mm 149																							
Weight		111				Designed mm 149																							
Self-suctioning		☐ Yes				Min. mm 149																							
Speed		1/min 3600		Flow		Nominal l/s 23.7																							
Max. operating pressure		kPa 346				Max- l/s 27																							
Max. diff. pressure		kPa 346				Min- l/s 0																							
No. stages		1		Head		Nominal m																							
No. diffusers		1				@ Qmax m 18.5																							
						@ Qmin m 35.4																							
Suction port		Pressure rating		Head H(Q=0)		m 35.4																							
		Nominal pipe size				m																							
		Standard		NPSH 3%		m																							
Discharge port		Pressure rating		Shaft power		kW																							
		Nominal pipe size		Max. shaft power at max. impeller		kW 7.08																							
		Standard		Efficiency																									
Materials Pump parts																													
Pump		Pump: Grey cast iron PN10		Shaft seal		Standard seal																							
Impeller		Cast iron																											
																													
Dimensions mm <table> <tr><td>A</td><td>450</td></tr> <tr><td>B</td><td>150</td></tr> <tr><td>C</td><td>490</td></tr> <tr><td>DN</td><td>DN100</td></tr> <tr><td>E</td><td>305</td></tr> <tr><td>E2</td><td>485</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> </table>								A	450	B	150	C	490	DN	DN100	E	305	E2	485	L1	140	L2	170	L3	170	minF	150	Ø	16
A	450																												
B	150																												
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E	305																												
E2	485																												
L1	140																												
L2	170																												
L3	170																												
minF	150																												
Ø	16																												
Motor				Coupling																									
Type		Kolmeks KP-132 E1 F19 7,5kW		Type																									
Specific design		3-phases motors / 50 Hz / Pole pairs 1		Series																									
Rated power kW		7.5		Speed 1/min		3000																							
Electric voltage V		3~ 400		Electric current A		13.3																							
Degree of protection		IP 55		Frame size		132																							
Type of protection		~		Explosion protection																									
Remarks:																													
Project		Business process IC		Issue date		Last update																							
				2022-09-07		2022-09-07																							

