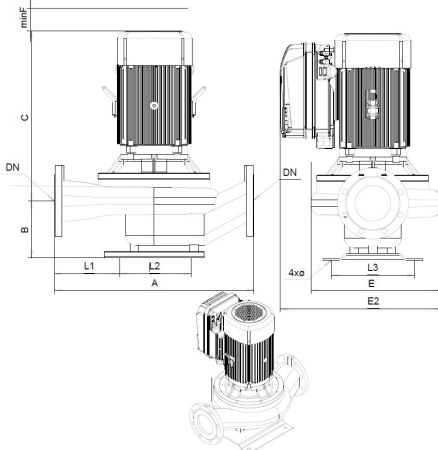


		AL_-1129/4 MD 4,0kW		Item	Page: 1																						
		Receiver		From																							
Company name Department Phone number Fax no. e-mail address																											
Requested data																											
Fluid	Water		Nominal flow	m³/h																							
Solids	Type		Nominal head	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-1129/4MD 4 kW		Pumpe																							
Pumppu- ja positionumerot				Impeller type																							
Frame size				Impeller construction																							
Design		In-line pump with frequency converter MD		Impeller Ø	Max. mm 222																						
Weight		165			Designed mm 222																						
Self-suctioning		☐ Yes			Min. mm 222																						
Speed		1/min 1800	Flow	Nominal	m³/h 102																						
Max. operating pressure		kPa 173		Max-	m³/h 146																						
Max. diff. pressure		kPa 173		Min-	m³/h 0																						
No. stages		1	Head	Nominal	m																						
No. diffusers		1		@ Qmax	m 5.5																						
				@ Qmin	m 17.7																						
Suction port	Pressure rating		Head H(Q=0) m 17.7																								
	Nominal pipe size		NPSH 3% m																								
	Standard		Shaft power kW																								
Discharge port	Pressure rating		Max. shaft power at max. impeller kW 4.03																								
	Nominal pipe size		Efficiency																								
	Standard																										
Materials Pump parts																											
Pump	Pump: Grey cast iron PN10		Shaft seal	Standard seal																							
Impeller	Cast iron																										
 Dimensions mm <table border="1"> <tr><td>A</td><td>700</td></tr> <tr><td>B</td><td>200</td></tr> <tr><td>C</td><td>555</td></tr> <tr><td>DN</td><td>DN125</td></tr> <tr><td>E</td><td>456</td></tr> <tr><td>E2</td><td>565</td></tr> <tr><td>L1</td><td>205</td></tr> <tr><td>L2</td><td>290</td></tr> <tr><td>L3</td><td>290</td></tr> <tr><td>minF</td><td>250</td></tr> <tr><td>Ø</td><td>22</td></tr> </table>						A	700	B	200	C	555	DN	DN125	E	456	E2	565	L1	205	L2	290	L3	290	minF	250	Ø	22
A	700																										
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E2	565																										
L1	205																										
L2	290																										
L3	290																										
minF	250																										
Ø	22																										
Motor			Coupling																								
Type	Kolmeks KP-112-2 B F31 4kW		Type																								
Specific design	3-phases motors / 50 Hz / Pole pairs 2		Series																								
Rated power kW	4	Speed 1/min 1500	Spacer length	mm																							
Electric voltage V	3~ 400	Electric current A 7.9	Frame size																								
Degree of protection	IP 54	Frame size 112	Max input current																								
Type of protection	--	Explosion protection	Max input current																								
Remarks:																											
Project		Business process IC		Issue date	Last update																						
				2022-09-21	2022-09-21																						

