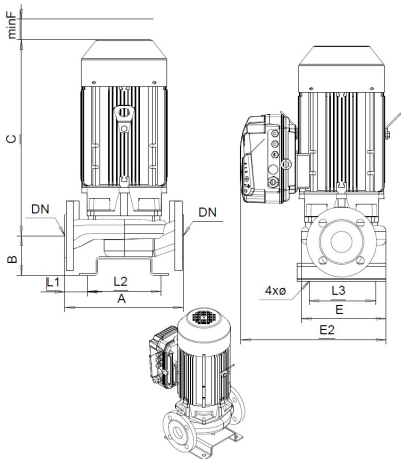


		L_-50A/4 MD 0,9kW		Item		Page: 1																							
		Receiver		From																									
Company name																													
Department																													
Phone number																													
Fax no.																													
e-mail address																													
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		L-50A/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	150																						
Weight		42			Designed	mm	150																						
Self-suctioning		☐ Yes			Min.	mm	150																						
Speed		1/min	1950	Flow	Nominal	l/s	6.43																						
Max. operating pressure		kPa	123		Max-	l/s	9.6																						
Max. diff. pressure		kPa	123		Min-	l/s	0																						
No. stages		1		Head	Nominal	m																							
No. diffusers		1			@ Qmax	m	5.1																						
					@ Qmin	m	12.5																						
Suction port	Pressure rating			Head H(Q=0)		m	12.5																						
	Nominal pipe size			NPSH 3%		m																							
Discharge port	Standard			Shaft power		kW																							
	Pressure rating			Max. shaft power at max. impeller		kW	0.983																						
	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>280</td></tr> <tr><td>B</td><td>93</td></tr> <tr><td>C</td><td>355</td></tr> <tr><td>DN</td><td>DN50</td></tr> <tr><td>E</td><td>205</td></tr> <tr><td>E2</td><td>325</td></tr> <tr><td>L1</td><td>55</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	280	B	93	C	355	DN	DN50	E	205	E2	325	L1	55	L2	170	L3	170	minF	150	Ø	16
A	280																												
B	93																												
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DN	DN50																												
E	205																												
E2	325																												
L1	55																												
L2	170																												
L3	170																												
minF	150																												
Ø	16																												
Motor				Coupling																									
Type	Kolmek's KPMD-80-2 B F15 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	90	Max input current	5.5																								
Type of protection	--	Explosion protection		Max input current																									
Remarks:																													
Project		Business process IC		Issue date		Last update																							
				2022-09-08		2022-09-08																							

