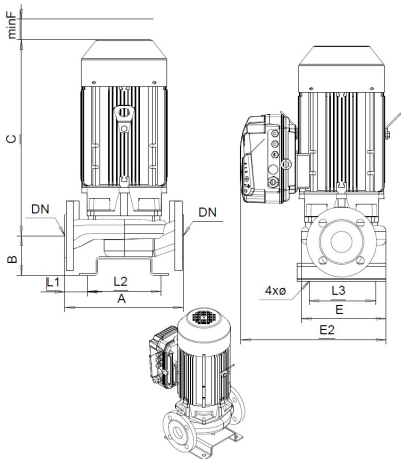


		L_-50B/2 MD 1,1kW		Item	Page: 1																						
		Receiver		From																							
Company name Department Phone number Fax no. e-mail address																											
Requested data																											
Fluid	Water		Nominal flow	l/s																							
Solids	Type		Nominal head	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-50B/2 MD 1.1kW		Pumpe																								
Pumppu- ja positionumerot			Impeller type																								
Frame size			Impeller construction																								
Design	In-line pump with frequency converter MD		Impeller Ø	Max.	mm 120																						
Weight	38			Designed	mm 120																						
Self-suctioning	☐ Yes			Min.	mm 120																						
Speed	1/min	3600	Flow	Nominal	l/s 5.48																						
Max. operating pressure	kPa	237		Max-	l/s 7.2																						
Max. diff. pressure	kPa	237		Min-	l/s 0																						
No. stages	1		Head	Nominal	m																						
No. diffusers	1			@ Qmax	m 9.11																						
				@ Qmin	m 24.1																						
Suction port	Pressure rating		Head H(Q=0) m 24.1																								
	Nominal pipe size		NPSH 3% m																								
	Standard		Shaft power kW																								
Discharge port	Pressure rating		Max. shaft power at max. impeller kW 1.29																								
	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																										
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E2	325																										
L1	55																										
L2	170																										
L3	170																										
minF	150																										
Ø	16																										
Motor			Coupling																								
Type	Kolmek's KP-80-1 B F15 1,1kW		Type																								
Specific design	- / 50 Hz / Pole pairs 1		Series																								
Rated power kW	1.1	Speed 1/min	2880	Spacer length	mm																						
Electric voltage V	1~ 230	Electric current A	9.3	Frame size																							
Degree of protection	IP 54	Frame size	80	Max input current																							
Type of protection	--	Explosion protection		Max input current																							
Remarks:																											
Project		Business process IC		Issue date	Last update																						
				2022-09-08	2022-09-08																						

