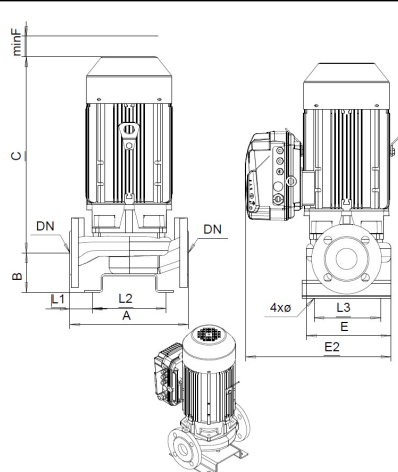
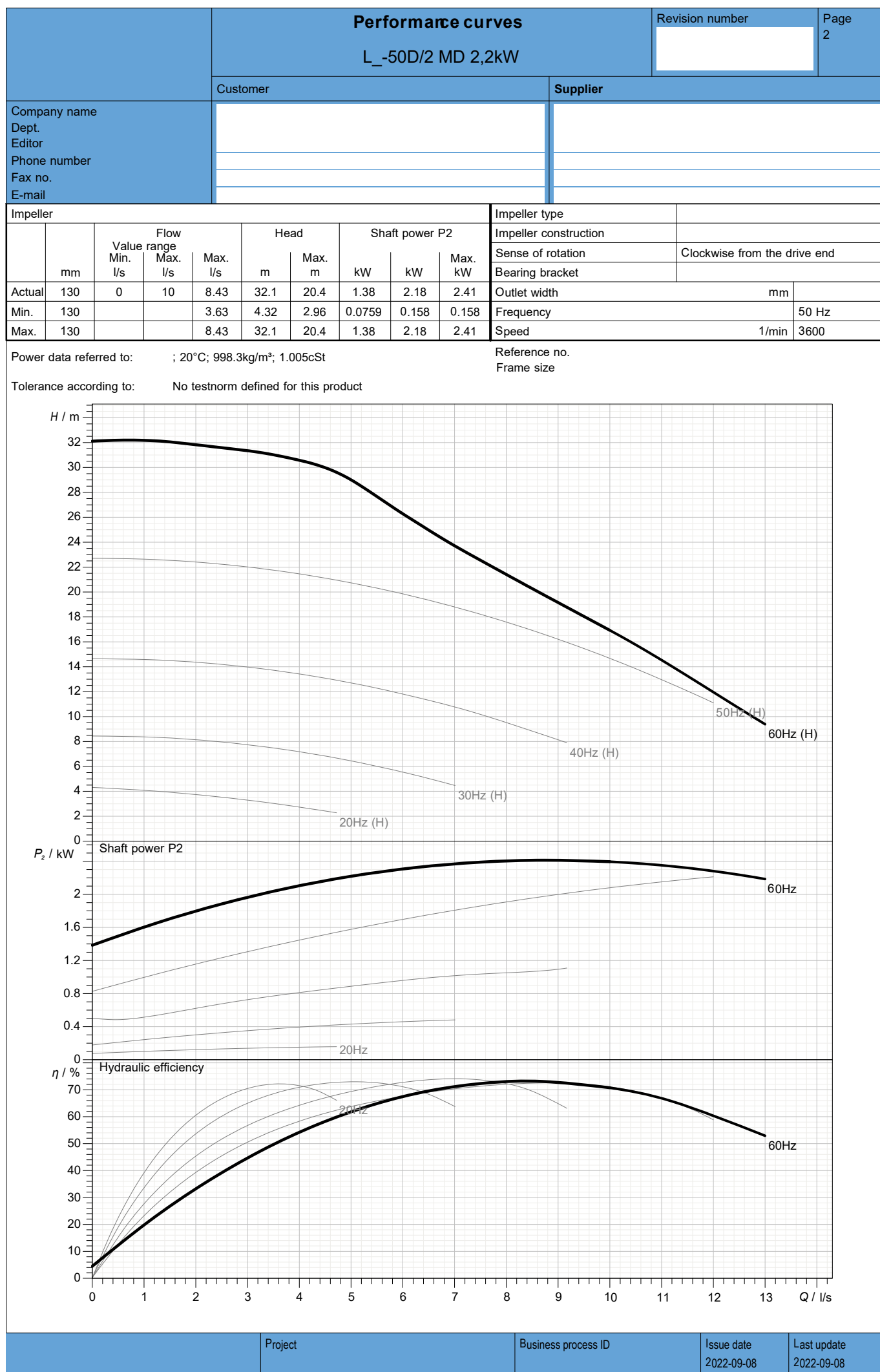


		L_-50D/2 MD 2,2kW		Item		Page: 1																							
		Receiver		From																									
Company name																													
Department																													
Phone number																													
Fax no.																													
e-mail address																													
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-50D/2 MD 2.2kW		Pumpe																									
Pumppu- ja positionumerot				Impeller type																									
Frame size				Impeller construction																									
Design		In-line pump with frequency converter MD		Impeller Ø	Max.	mm	130																						
Weight		39			Designed	mm	130																						
Self-suctioning		☐ Yes			Min.	mm	130																						
Speed		1/min	3600	Flow	Nominal	l/s	8.43																						
Max. operating pressure		kPa	314		Max-	l/s	13																						
Max. diff. pressure		kPa	314		Min-	l/s	0																						
No. stages		1		Head	Nominal	m																							
No. diffusers		1			@ Qmax	m	9.39																						
					@ Qmin	m	32.1																						
Suction port	Pressure rating			Head H(Q=0)		m	32.1																						
	Nominal pipe size			NPSH 3%		m																							
Discharge port	Standard			Shaft power		kW																							
	Pressure rating			Max. shaft power at max. impeller		kW	2.18																						
	Nominal pipe size			Efficiency																									
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>425</td></tr> <tr><td>DN</td><td>DN50</td></tr> <tr><td>E</td><td>205</td></tr> <tr><td>E2</td><td>345</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	425	DN	DN50	E	205	E2	345	L1	55	L2	170	L3	170	minF	150	Ø	16
A	280																												
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E2	345																												
L1	55																												
L2	170																												
L3	170																												
minF	150																												
Ø	16																												
Motor				Coupling																									
Type	Kolmek's KP-90-1 B F16 2,2kW			Type																									
Specific design	3-phases motors / 50 Hz / Pole pairs 1			Series																									
Rated power kW	2.2	Speed 1/min	3000	Spacer length	mm																								
Electric voltage V	3~ 400	Electric current A	4.8	Frame size																									
Degree of protection	IP 54	Frame size	90	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																							



Project

Business process ID

Issue date
2022-09-08Last update
2022-09-08