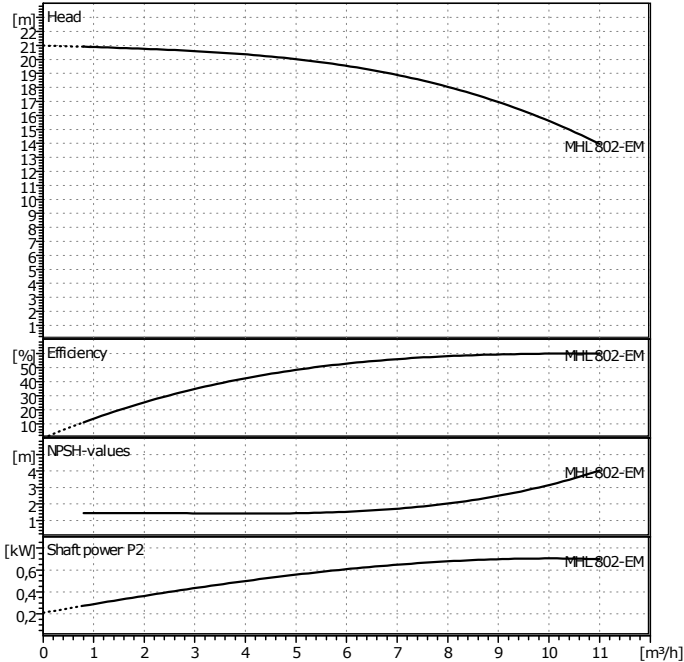


Phone Fax		MHL 802-1/E-1-230-50-2 System : High pressure centrifugal pump																																																																																																																																									
Customer Customer no. Contact Care of		Project Project no. Position no. Location Date		06.08.2024 Page 1 / 1																																																																																																																																							
		Requested data <table><tr><td>Flow</td><td>0</td><td>m³/h</td></tr><tr><td>Head</td><td>0</td><td>m</td></tr><tr><td>Fluid</td><td>Water, pure</td><td></td></tr><tr><td>Fluid temperature</td><td>20</td><td>°C</td></tr><tr><td>Density</td><td>0,9983</td><td>kg/dm³</td></tr><tr><td>Kinematic viscosity</td><td>1,005</td><td>mm²/s</td></tr><tr><td>Vapor pressure</td><td>0,02337</td><td>bar</td></tr></table> Pump data <table><tr><td>Type</td><td>MHL 802-1/E-1-230-50-2</td></tr><tr><td>Pumpe type</td><td>Single head pump</td></tr><tr><td>Pressure rating</td><td>PN 10</td></tr><tr><td>Min. fluid temperature</td><td>0</td><td>°C</td></tr><tr><td>Max. fluid temperature</td><td>120</td><td>°C</td></tr></table> Hydraulic data (duty point) <table><tr><td>Flow</td><td></td><td>m³/h</td></tr><tr><td>Head</td><td></td><td>m</td></tr><tr><td>Speed</td><td>2900</td><td>1/min</td></tr><tr><td>Shaft power P2</td><td></td><td>kW</td></tr><tr><td>NPSH</td><td></td><td>m</td></tr></table> Materials / Shaft seal <table><tr><td>Pump housing</td><td>AISI 304</td></tr><tr><td>Shaft</td><td>AISI 304</td></tr><tr><td>Impellers</td><td>AISI 304</td></tr><tr><td>Mechanical seal</td><td>SSFC</td></tr><tr><td>Stage chambers</td><td>AISI 304</td></tr><tr><td>Seal</td><td>NBR</td></tr></table> Dimensions per pump <table><tr><td>L1</td><td>416</td><td>D</td><td>158</td><td></td><td></td><td></td><td></td></tr><tr><td>L2</td><td>124</td><td>L4</td><td>158</td><td></td><td></td><td></td><td></td></tr><tr><td>Z</td><td>223</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Y</td><td>118</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>L3</td><td>108</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>H</td><td>263</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <table><tr><td>Suction side</td><td>G 1 1/2 PN10 / PN 10</td></tr><tr><td>Discharge side</td><td>G 1 1/4 PN10 / PN 10</td></tr><tr><td>Weight</td><td>18 kg</td></tr></table> Motordata per Motor/Pump/ <table><tr><td>Rated power P2</td><td>0,75</td><td>kW</td></tr><tr><td>Nominal speed</td><td>2900</td><td>1/min</td></tr><tr><td>Rated voltage</td><td>1~230 V, 50</td><td>Hz</td></tr><tr><td>Max. current</td><td>4,76</td><td>A</td></tr><tr><td>Degree of protection</td><td>IP 55</td><td></td></tr><tr><td>Permitted voltage tolerance</td><td colspan="2">+/- 10%</td></tr></table> <table><tr><td>Item no. of standard version</td><td>2459980</td></tr></table>				Flow	0	m ³ /h	Head	0	m	Fluid	Water, pure		Fluid temperature	20	°C	Density	0,9983	kg/dm ³	Kinematic viscosity	1,005	mm ² /s	Vapor pressure	0,02337	bar	Type	MHL 802-1/E-1-230-50-2	Pumpe type	Single head pump	Pressure rating	PN 10	Min. fluid temperature	0	°C	Max. fluid temperature	120	°C	Flow		m ³ /h	Head		m	Speed	2900	1/min	Shaft power P2		kW	NPSH		m	Pump housing	AISI 304	Shaft	AISI 304	Impellers	AISI 304	Mechanical seal	SSFC	Stage chambers	AISI 304	Seal	NBR	L1	416	D	158					L2	124	L4	158					Z	223							Y	118							L3	108							H	263							Suction side	G 1 1/2 PN10 / PN 10	Discharge side	G 1 1/4 PN10 / PN 10	Weight	18 kg	Rated power P2	0,75	kW	Nominal speed	2900	1/min	Rated voltage	1~230 V, 50	Hz	Max. current	4,76	A	Degree of protection	IP 55		Permitted voltage tolerance	+/- 10%		Item no. of standard version	2459980
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