

Anglian Pumping Services

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Customer	Date	11/24/2020
Contact	Project	
Phone number	Project no.	
Email	-	

RESIBOOST MMW09UK/BGM9

1005602269U

Operating data

MakeLowaraNominalI/s()Speedrpm 2900FlowMax-I/s1.1Number of stages1Min-I/s1.1Max. casing pressurekPaNominalmMax. working pressurekPa 486.9Headat Qmaxm 28.6Head H(Q=0)m 50at Qminm 49.6Weightkg On demandShaft powerkW(Max.mm 156Max. shaft powerkW.6Impeller Rdesignedmm 156Efficiency%Min.mm 156NPSH 3%mm									
Nominal flow I/s 0 pH-value at tA 7 Nominal head m 0 Density at tA kg/m³ 1000 Static head m 0 Kin. viscosity at tA mm³/s 1.569 Inlet pressure kPa 0 Vapor pressure at tA kPa 100 Environmental temperature °C 20 Solids 0 Available system NPSH m 0 Attitude m 0 ump data rpm 2900 Flow Max- I/s 1.1 Number of stages 1 Min- I/s () Max. casing pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6) Weight kg On demand Shaft power kW () Max. <mm 156<="" td=""> Max. shaft power kW () Impeller designed mm 156 Max. shaft power kW () Min. mm 156 NPSH 3% m m) Impeller Stainless steel BG - LS Min. m) Impeller Stainless steel BG - LS</mm>	Pumpe type	Singl	le head pump	Fluid			Water,	pure	
Nominal head m o Density at t A kg/m³ 1000 Static head m 0 Kin. viscosity at t A mm³/s 1,569 Inlet pressure kPa 0 Vapor pressure at t A kPa 100 Environmental temperature °C 20 Solids 0 Available system NPSH m 0 Altitude m 0 ump data Nominal I/s () Make Lowara rpm 2900 Flow Max- Us 1.1 Number of stages 1 Min- U's 1.1 Number of stages 1 Min- U's 1.4 Max. casing pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 1.0 1.4 1.0 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	No. of pumps	s / Reserve	1 / 0	Operating tempe	erature t A	°C	4		
Static head m 0 Kin. viscosity at t A mm²/s 1,569 Inlet pressure kPa 0 Vapor pressure at t A kPa 100 Env ironmental temperature °C 20 Solids 0 Available system NPSH m 0 Attitude m 0 ump data	Nominal flow		l/s 0	pH-value at tA			7		
Inlet pressure kPa 0 Vapor pressure at t A kPa 100 Environmental temperature °C 20 Solids 0 Available system NPSH m 0 Altitude m 0 ump data Make Lowara Nominal V/s () Speed rpm 2900 Flow Max- V/s () Speed rpm 2900 Flow Max- V/s 1.1 Number of stages 1 Min- V/s () Speed Vapor pressure KPa Nominal m Max. casing pressure kPa Nominal m V/s () Speed m 28.6 at Qmax m 28.6 at Qmin m 49.6 WW () Max. shaft power kW .6 Impeller R designed mm 156 Max. shaft power kW .6 Impeller Stainless steel Single seal Roten Single seal Roten Impeller Stainless steel BG - LS Impeller Stainless steel BG - LS Section Section Max Section Max Sembly <t< td=""><td>Nominal head</td><td>t</td><td>m 0</td><td>Density at t A</td><td></td><td>kg/m³</td><td>1000</td><td></td><td></td></t<>	Nominal head	t	m 0	Density at t A		kg/m³	1000		
Environmental temperature Available system NPSH °C 20 m 0 Solids Atitude 0 ump data n 0 Atitude m 0 Make Lowara rpm 2900 Flow Max- l/s 1.1 Number of stages 1 Min- l/s 1.1) Max. casing pressure kPa Nominal m) Max. casing pressure kPa Nominal m) Max. casing pressure kPa Nominal m) Max. working pressure kPa Nominal m) Max. mm 156 Max. shaft power kW () Max. m1 156 Max. shaft power kW .6 Impeller R designed mm 156 Max. shaft power kW .6 Min. mm 156 NPSH 3% m	Static head		m 0	Kin. viscosity at	t A	mm²/s	1.569		
Available system NPSH m n Altitude m n ump data	Inlet pressure	÷	kPa_0	Vapor pressure a	attA	kPa	100		
ump data Nominal I/s () Speed rpm 2900 Flow Max- I/s () Number of stages 1 Min- I/s () Max. casing pressure kPa Nominal m Max. casing pressure kPa Nominal m Max. working pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 Weight kg On demand Shaft power kW () Max. mm 156 Max. shaft power kW () Impeller R designed mm 156 NPSH 3% m ump Materials Staft Seal Roten Roten Impeller Stainless steel BG - LS Ingel seaal Roten Diff user Technopoly mer Fixed Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated carbon SEAL HOUSING Stainless steel Elastomers E - EPDM Fill and drain plugs Nickel-plated brass Springs G-AISI 316 <td>Env ironmenta</td> <td>al temperature</td> <td>°C 20</td> <td>Solids</td> <td></td> <td></td> <td>0</td> <td></td> <td></td>	Env ironmenta	al temperature	°C 20	Solids			0		
Make Lowara Nominal I/s () Speed rpm 2900 Flow Max- I/s 1.1 Number of stages 1 Min- I/s 1.1 Max. casing pressure kPa Nominal m Max. casing pressure kPa Nominal m Max. working pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 Weight kg On demand Shaft power kW () Max. mm 156 Max. shaft power kW () Impeller R designed mm 156 Efficiency % Min. mm 156 NPSH 3% m m ump Materials Shaft Seal Meterials Meterials Meterials Meterials Meterials Meterials Meterials Roten Pump body Stainless steel Single seal Roten Roten Ejector Technopoly mer Rotating Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated	Available sys	stem NPSH	m 0	Altitude		m	0		
Speed rpm 2900 Flow Max- Us 1.1 Number of stages 1 Min- Us Max. casing pressure kPa Nominal m Max. vorking pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 Weight kg On demand Shaft power kW () Max. mm 156 Max.shaft power kW () Impeller R designed mm 156 Efficiency % Min. mm 156 NPSH 3% m m ump Materials Stainless steel BG - LS Roten Impeller Stainless steel BG - LS U-Ceramic Diff user Technopoly mer Fixed Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated carbon SEAL HOUSING Stainless steel Elastomers E - EPDM Fill and drain plugs Nickel-plated brass Springs G-AISI 316	ump data								
Number of stages 1 Min- I/s Max. casing pressure kPa Nominal m Max. working pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 Weight kg On demand Shaft power kW () Max. mm 156 Max. shaft power kW .6 Impeller R designed mm 156 Efficiency % Min. mm 156 NPSH 3% m Shaft Seal ump Materials Stainless steel BG - LS Pump body Stainless steel BG - LS Roten Impeller Technopoly mer Rotating Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated carbon SEAL HOUSING Stainless steel Elastomers E - EPDM Fill and drain plugs Nickel-plated brass Springs G-AISI 316	Make	Lowara			Nominal	l/s		()
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Max. working pressure kPa 486.9 Head at Qmax m 28.6 Head H(Q=0) m 50 at Qmin m 49.6 Weight kg On demand Shaft power kW () Max. mm 156 Max. shaft power kW .6 Impeller R designed mm 156 Max. shaft power % .6 ump Materials Shaft Seal Roten Pump body Stainless steel Single seal Roten Impeller Stainless steel BG - LS .5 Diff user Technopoly mer Fixed Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated carbon SEAL HOUSING Stainless steel Elastomers E - EPDM Fill and drain plugs Nickel-plated brass Springs G-AISI 316	Number of st	ages	1		Min-	l/s			
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Weight kg On demand Shaft power kW () Max. mm 156 Max. shaft power kW .6 Impeller R designed mm 156 Efficiency % Min. mm 156 NPSH 3% m Shaft Seal Pump body Stainless steel Single seal Roten Impeller Stainless steel BG - LS Ump Second Diff user Technopoly mer Fixed Assembly V-Ceramic Ejector Technopoly mer Fixed Assembly B-Resin impregnated carbon SEAL HOUSING Stainless steel Elastomers E - EPDM Fill and drain plugs Nickel-plated brass Springs G-AISI 316	Max. working	pressure	kPa 486.9	Head	at Qmax	m	28.6		
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Impeller Rdesigned designed Min.mm156Efficiency%Min.mm156NPSH 3%mump MaterialsShaft SealRotenPump bodyStainless steelSingle sealRotenImpellerStainless steelBG - LSDiff userTechnopoly merRotating AssemblyV-CeramicEjectorTechnopoly merFixed AssemblyB-Resin impregnated carbonSEAL HOUSINGStainless steelElastomersE - EPDMFill and drain plugsNickel-plated brassSpringsG-AISI 316	Weight		kg On demand	Shaft power		kW		()
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Jump MaterialsShaft SealPump bodyStainless steelSingle sealRotenImpellerStainless steelBG - LSDiff userTechnopoly merRotating AssemblyV-CeramicEjectorTechnopoly merFixed AssemblyB-Resin impregnated carbonSEAL HOUSINGStainless steelElastomersE - EPDMFill and drain plugsNickel-plated brassSpringsG-AISI 316	Impeller R	designed	mm 156	Efficiency		%			
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Diff userTechnopolymerRotating AssemblyV-CeramicEjectorTechnopolymerFixed AssemblyB-Resin impregnated carbonSEAL HOUSINGStainless steelElastomersE - EPDMFill and drain plugsNickel-plated brassSpringsG-AISI 316	Pump body		Stainless steel	Single seal		R	oten		
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SEAL HOUSINGStainless steelElastomersE - EPDMFill and drain plugsNickel-plated brassSpringsG-AISI 316	Diffuser		Technopolymer	Rotating Assemb	ly	V-0	Ceramic		
Fill and drain plugs Nickel-plated brass Springs G-AISI 316	Ejector			Fixed Assembly		B-Resin impregnated carbon			
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Elastomers EPDM Other Components G-AISI 316	Fill and drain	plugs	Nickel-plated brass	Springs		G-	AISI 316		
	Elastomers		EPDM	Other Componen	ts	G-,	AISI 316		

otor data							
Manuf acturer	Lowara	Electric voltage	230 V	Speed	2845 rpm	Insulation class	F
Specific design	Single phase pu	mp motor - BG		Frame size	56	Colour	RAL 5010
Туре	MOT_ BGM9/A						
Rated power	0.9 kW	Degree of protect	ion IP X5				
Electric current	5.54 A						
emarks:							



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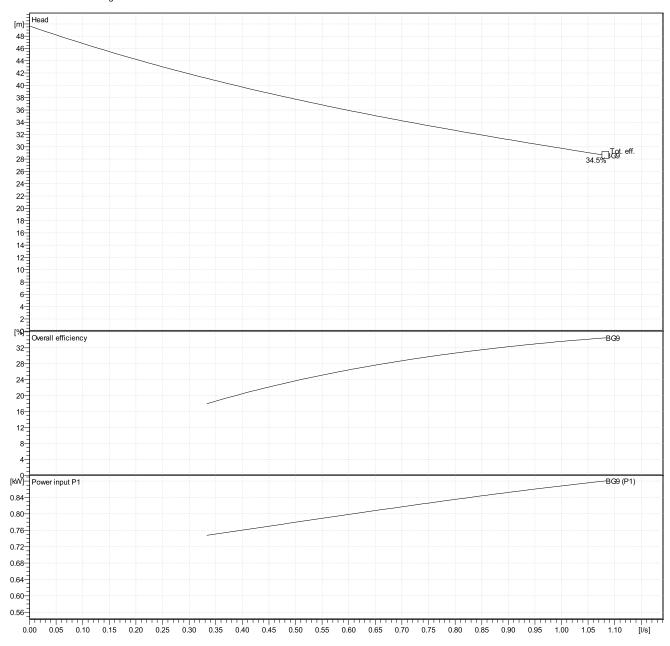
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Hydraulic data

Operating Data Specification		Hydraulic data (duty point)	oint) Impeller design	
Flow	0 l/s	Flow	Impeller R	156 mm
Head	0 m	Head	Frequency	50 Hz
Static head	0 m		Speed	2900 rpm

Power datas referced to: Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/s Performance according to ISO 9906:2012 - Grade 3B





Anglian Pumping Services

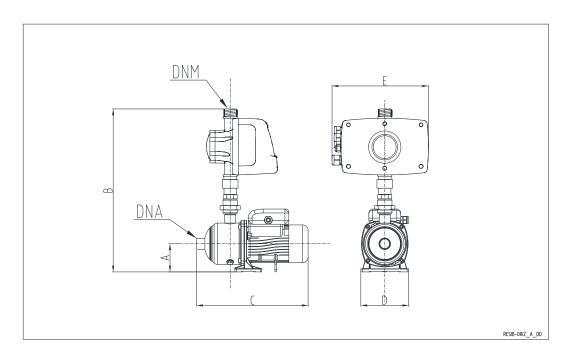
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Customer	Date	11/24/2020
Contact	Project	
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Drawing

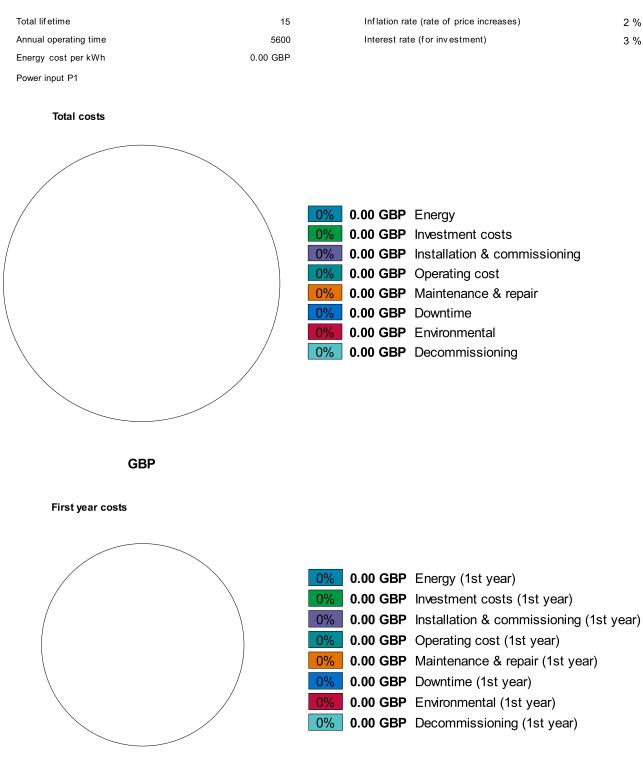


Dimensions mm

		1	1		
A B C D DNA DNM E	111 474 380 215 Rp1"1/4 R1"1/4 262				Weight On demand kg



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3 %

GBP

Disclaimer: The calculations and the results are based on user input values and general assumptions and provide only estimated costs for the input data. Xyleminc can therefore not guarantee that the estimated savings will actually occur.