

## CME1-6 A-R-I-E-AQQE U-A-D-N Grundfos pump 98394957



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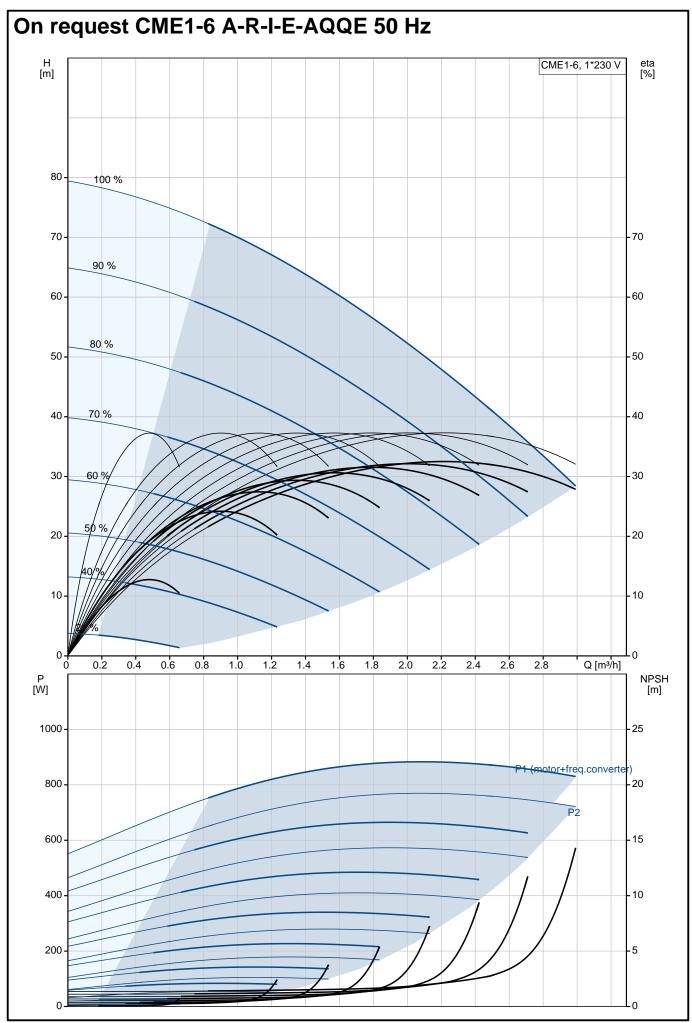
https://www.lenntech.com/grundfos/CMEBASIS/98394957/CME1-6-A-R-I-E-AQQE.html

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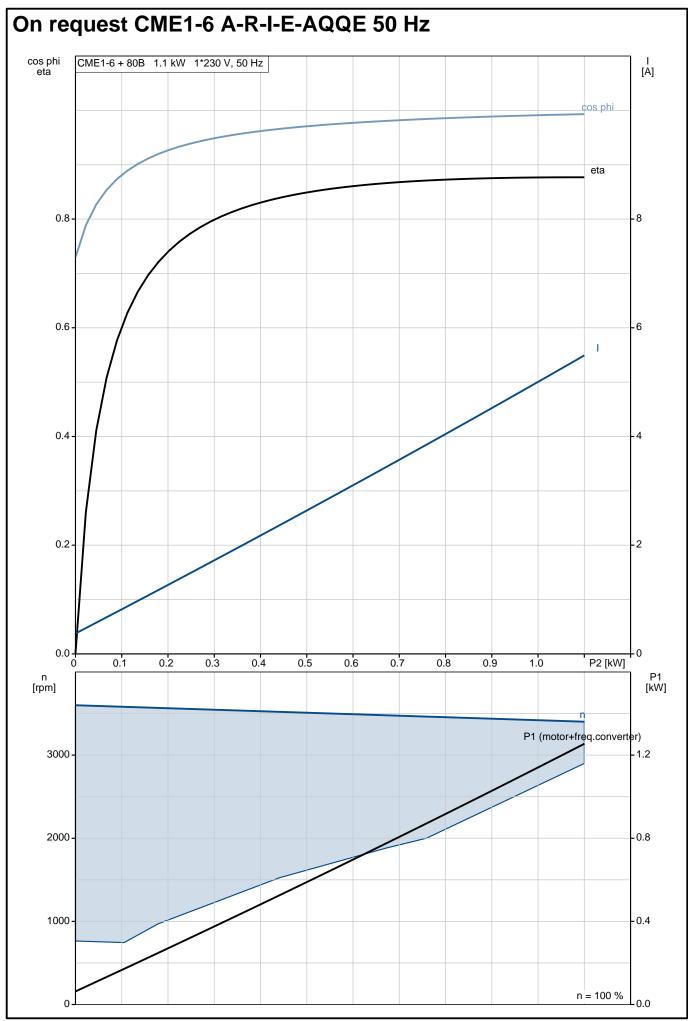
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Adaption of performance through frequency-controlled speed offers obvious benefits such as: - energy savings			- constant pressure
- energy savings			
			- energy savings

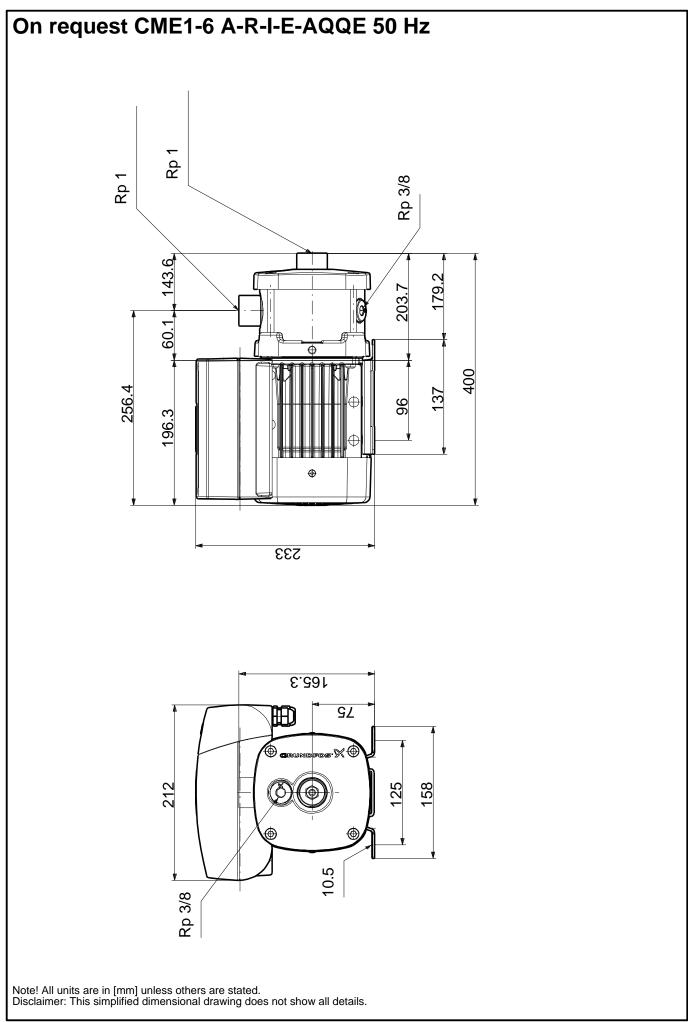
Position	Qty.	Description					
		- control and monitoring of the application and pump performance.					
		An operating panel on the motor terminal box enables setting of required setpoint as well as setting of pump to "Min." or "Max." operation or to "Stop". The Grundfos Eye indicator on the operating panel provides visual indication of pump status:					
		<ul> <li>"Power on": Motor is running (rotating green indicator lights) or not running (permanently green indicator lights)</li> </ul>					
		<ul> <li>"Warning": Motor is still running (rotating yellow indicator lights) or has stopped (permanently yellow indicator lights)</li> </ul>					
		"Alarm": Motor has stopped (flashing red indicator lights).					
		Communication with the pump is possible by means of Grundfos GO Remote (accessory). The remote control enables further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption".					
		Pump					
		A combination of a stop ring and a Nord-lock® washer secures a tight and reliable fixation of the impeller spacing pipes to the splined pump shaft. It is possible to remove and fit the hydraulic parts from the pump side. The inlet and outlet port are integrated in the pump sleeve. The inlet part, chambers and discharge part are hold together by four staybolts and a retaining flange.					
		The pump is fitted with an unbalanced O-ring seal with a rigid torque-transmission system. It has a fixed seal driver ensuring a reliable rotation of all parts. The dynamic secondary seal is an O-ring.					
		<ul> <li>Primary seal:</li> <li>Rotating seal ring material: silicon carbide (SiC)</li> <li>Stationary seat material: silicon carbide (SiC)</li> </ul>					
		This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles. Secondary seal material: EPDM (ethylene-propylene rubber)					
		EDDM has available tradictories to bet water. EDDM is not quitable for minoral ails					
		PDM has excellent resistance to not water. EPDM is not suitable for mineral ons.					
		The pump shaft is connected to the motor shaft through a left thread and tight fit. The shaft cannot be dismantled.					
		Motor					
		The motor is a totally enclosed, fan-cooled motor with principal dimensions to EN 50347. Electrical tolerances comply with EN 60034.					
		The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2. The motor requires no external motor protection. The motor control unit incorporates protection against slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.					
		The terminal box holds terminals for these connections: <ul> <li>one dedicated digital input</li> </ul>					
		<ul> <li>two analog inputs, 0(4)-20 mA, 0-5 V, 0-10 V, 0.5 - 3.5 V</li> <li>5 V voltage supply to potentiometer and sensor</li> </ul>					
		<ul> <li>S v voltage supply to potentiometer and sensor</li> <li>one configurable digital input or open-collector output</li> <li>Grundfos Digital Sensor input and output</li> </ul>					
		24 V voltage supply for sensors					
		<ul> <li>two signal-relay outputs (potential-free contacts)</li> <li>GENIbus connection</li> <li>interface for Grundfos CIM fieldbus module.</li> </ul>					
		Technical data					
		Liquid:					
		Pumped liquid:WaterLiquid temperature range:-20 120 °C					

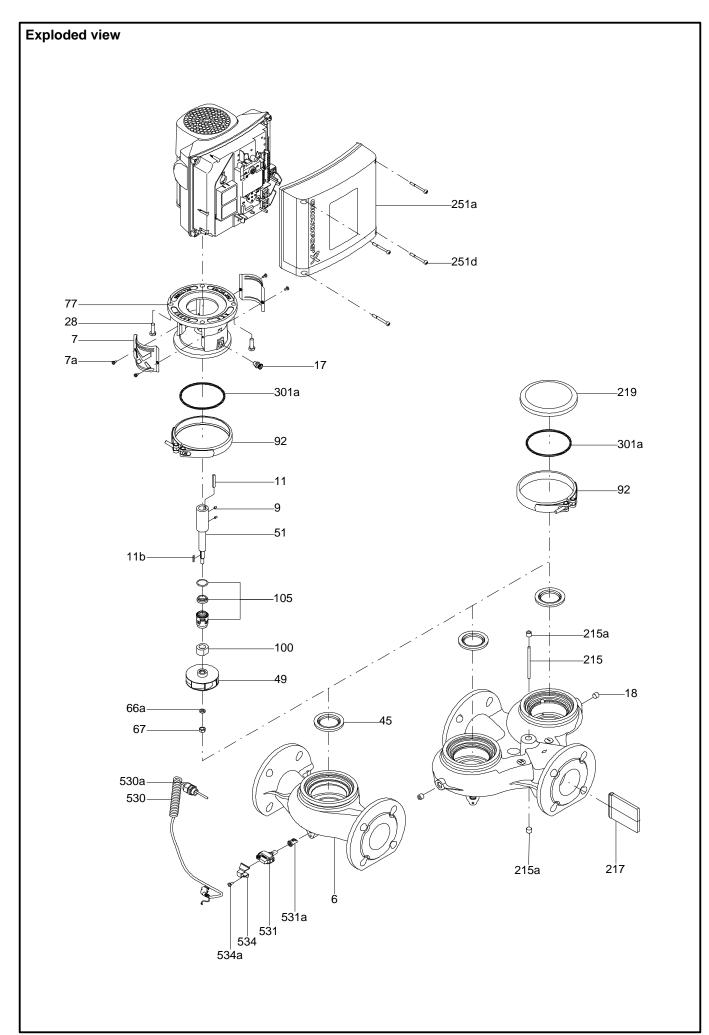
Position	Qty.	Description				
		Liquid temperature during operation: 20 °C				
		Density:	998.2 kg/m <sup>3</sup>			
			ů –			
		Technical:				
		Rated flow:	2 m³/h			
		Rated head:	52.2 m			
		Primary shaft seal:	AQQE			
		Approvals on nameplate:	CE,TR,CURUS,EAC			
		Curve tolerance:	ISO9906:2012 3B			
		Materials:				
		Pump housing:	Stainless steel			
			DIN WNr. 1.4301			
			AISI 304			
		Impeller:	Stainless steel			
			DIN WNr. 1.4301			
		<b>_</b>	AISI 304			
		Rubber:	EPDM			
		la stallation				
		Installation:	40.80			
		Maximum ambient temperature:				
		Maximum operating pressure:	16 bar 10 bar / 120 °C			
		Max pressure at stated temp:	10 bar / 120 °C			
		Flongo oton dord	16 bar / 90 °C			
		Flange standard:	WHITWORTH THREAD RP			
		Pump inlet:	Rp 1			
		Pump outlet:	Rp 1			
		Electrical data:				
		Motor type:	80B			
		IE Efficiency class:	IE5			
		Rated power - P2:	1.1 kW			
		Mains frequency:	50 Hz			
		Rated voltage:	1 x 200-240 V			
		Rated current:	6.70-5.60 A			
		Rated speed:	360-4000 rpm			
		Enclosure class (IEC 34-5):	IP55			
		Insulation class (IEC 85):	F			
			•			
		Others:				
		Minimum efficiency index, MEI	: 0.68			
		Net weight:	15.6 kg			
		Gross weight:	19.1 kg			
		3				
	I					

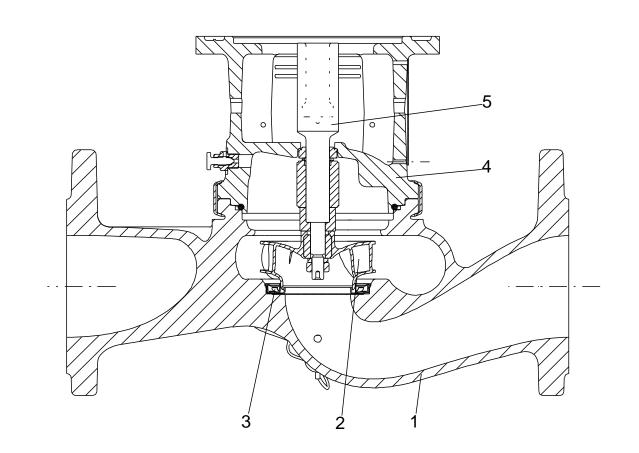


DescriptionValueGeneral information:CME1-6 A-R-I-E-AQQEProduct name:On requestProduct No:On requestEAN number:On requestTechnical:2 m³/hRated flow:2 m³/hRated head:52.2 mmpellers:6Primary shaft seal:AQQEApprovals on nameplate:CE,TR,CURUS,EACCurve tolerance:ISO9906:2012 3BPump version:AModel:AMaterials:Pump version:Pump housing:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:10 bar / 120 °CMaximum ambient temperature:40 °CMaximum ambient temperature:10 bar / 120 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Pump outlet:Rp 1Pump outlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:WaterLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Kated power - P2:Mater y 20 - 240 V50 HzRated voltage:1 x 200-240 V	H (m) 80 100% 70 90% 60 50 40 70% 60 50 40 50 70% 60 50 40 70% 60 50 40 70% 70% 60 50 40 70% 70% 70% 70% 70% 70% 70% 70% 70% 70
Product name:CME1-6 A-R-I-E-AQQEProduct No:On requestEAN number:On requestFachnical:xRated flow:2 m³/hRated head:52.2 mmpellers:6Primary shaft seal:AQQEApprovals on nameplate:CE,TR,CURUS,EACCurve tolerance:ISO9906:2012 3BPump version:AMaterials:Materials:Pump version:AMaterials:DIN WNr. 1.4301AISI 304AISI 304Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:IMaximum ambient temperature:40 °CMaximum operating pressure:16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump outlet:Rp 1Pump outlet:Rp 1Pump outlet:Rp 1Pump outlet:Q0 °CDensity:998.2 kg/m³Electrical data:WaterLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:KoterWotor type:80BEle Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	70 90 % 60 60 60 60 60 70 % 60 60 70 % 60 60 70 % 60 70 % 60 70 % 60 70 % 60 70 % 60 70 % 70 % 60 70 % 70
Product No:On requestEAN number:On requestEAN number:On requestFechnical:2 m³/hRated flow:2 m³/hRated head:52.2 mimpellers:6Primary shaft seal:AQQEApprovals on nameplate:CE, TR, CURUS, EACCurve tolerance:ISO9906:2012 3BPump version:AModel:AMaterials:Pump version:Pump housing:Stainless steelDIN WNr. 1.4301AISI 304Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °CIf bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:WoterMotor type:80BEl Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	70 90 % 60 60 60 60 60 70 % 60 60 70 % 60 60 70 % 60 70 % 60 70 % 60 70 % 60 70 % 60 70 % 70 % 60 70 % 70
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Impellers:6Primary shaft seal:AQQEApprovals on nameplate:CE,TR,CURUS,EACCurve tolerance:ISO9906:2012 3BPump version:AModel:AMaterials:DIN WNr.Pump housing:Stainless steelDIN WNr. 1.4301AISI 304Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMaximum operating pressure:16 barVertical code:RLiquid temperature range:-20 120 °CLiquid temperature range:-20 120 °C	50 40 70 % 50 % 60% 50 % 50 %
Primary shaft seal: AQQE Approvals on nameplate: CE,TR,CURUS,EAC Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Pump housing: Stainless steel DIN WNr. 1.4301 AISI 304 Impeller: Stainless steel DIN WNr. 1.4301 AISI 304 Material code: I Rubber: EPDM Code for rubber: E Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Maximum operating pressure: 16 bar Max pressure at stated temp: 10 bar / 120 °C Flange standard: WHITWORTH THREAD RP Pump outlet: Rp 1 Pump outlet: Rp 1 Pump outlet: QP 1 Pumped liquid: Water Liquid temperature range: -20 120 °C Liquid temperature range: 20 °C Density: 998.2 kg/m <sup>3</sup> Electrical data: Motor type: 80B E Efficiency class: IE5 Rated power - P2: 1.1 kW Mains frequency: 50 Hz	50 40 70 % 30 60/% 20 50 /// 50 /// 50 /// 50 /// 50 /// 50 /// 50 /// 50 /// 50 /// 50 /// 10 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 100 70 % 10 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 100 70 % 70
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Pump version:AModel:AMaterials:Pump housing:Stainless steelDIN WNr. 1.4301AISI 304mpeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:WaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Motor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	P W 1000 0.5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 1000 00 0.5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 10 0 0 0 0 0 0 0 0 0 0 0 0 0
Model:AMaterials:Pump housing:Stainless steelDIN WNr. 1.4301AISI 304Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Poump outlet:Rp 1Connect code:RLiquidEPumped liquid:WaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Motor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	20 50 10 0 0 0 0 5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 0 0 0 0 0 0 0 0 0 0 0 0 0
Materials:Pump housing:Stainless steelDIN WNr. 1.4301AISI 304mpeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMaximum operating pressure:16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquidWaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:MaterMotor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	20 50 10 0 0 0 0 5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 0 0 0 0 0 0 0 0 0 0 0 0 0
Pump housing:Stainless steelDIN WNr. 1.4301AISI 304impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:WaterMotor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	P W 1000 0.5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 1000 800 600 400 200 5
DIN WNr. 1.4301AISI 304Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature range:-20 120 °CElectrical data:Wotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	P W 1000 0.5 1.0 1.5 2.0 2.5 Q [m <sup>3</sup> /h] 1000 800 600 400 200 5
AISI 304mpeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquidWaterLiquid temperature range:-20 120 °CLiquid temperature range:-20 120 °CElectrical data:Wotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	0 0 0 0 0 0 0 0 0 0 0 1.0 1.
AISI 304mpeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquidWaterLiquid temperature range:-20 120 °CLiquid temperature range:-20 120 °CElectrical data:Wotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	0 0 0 0 0 0 0 0 0 0 0 1.0 1.
Impeller:Stainless steelDIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Wotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	0 0 0 0 0 0 0 0 0 0 0 1.0 1.
DIN WNr. 1.4301AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature range:-20 120 °CElectrical data:Wotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	0 0.5 1.0 1.5 2.0 2.5 Q [m/h] P [W] 1000 800 600 400 200 10 10 10 10 10 10 10 10 10
AISI 304Material code:IRubber:EPDMCode for rubber:EInstallation:IMaximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquidUaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Kotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	0 0.5 1.0 1.5 2.0 2.5 Q [m/h] P [W] 1000 800 600 400 200 10 10 10 10 10 10 10 10 10
Material code:IRubber:EPDMCode for rubber:EInstallation:Haximum ambient temperature:40 °CMaximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:VaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:Kotor type:Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	P [W] 1000- 800- 600- 400- 200- 200- 5
Rubber:EPDMCode for rubber:EInstallation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:-20 120 °CLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:	[W] 1000- 800- 600- 400- 200-
Code for rubber:EInstallation:40 °CMaximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:125Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	1000 800 600 400 200 100 100 100 100 100 100 1
Code for rubber:EInstallation:40 °CMaximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:125Motor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	800 600 400 200 200 5
Installation:Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquidEPumped liquid:VaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	800 600 400 200 200 5
Maximum ambient temperature:40 °CMaximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:VaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	600 - P2 - 15 400 - 200 - 5
Maximum operating pressure:16 barMax pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:-20 120 °CLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:	
Max pressure at stated temp:10 bar / 120 °C16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:VaterPumped liquid:20 °CLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	200
16 bar / 90 °CFlange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:VaterPumped liquid:20 °CLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	200
Flange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:	200
Flange standard:WHITWORTH THREAD RPPump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:	
Pump inlet:Rp 1Pump outlet:Rp 1Connect code:RLiquid:VaterPumped liquid:VaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BEl Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Pump outlet:Rp 1Connect code:RLiquid:VaterPumped liquid:VaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BIE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Connect code:       R         Liquid:       Water         Pumped liquid:       -20 120 °C         Liquid temperature range:       -20 120 °C         Liquid temperature during operation:       20 °C         Density:       998.2 kg/m³         Electrical data:       Wotor type:         Motor type:       80B         IE Efficiency class:       IE5         Rated power - P2:       1.1 kW         Mains frequency:       50 Hz	
Liquid:WaterPumped liquid:·20 120 °CLiquid temperature range:·20 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BIE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Pumped liquid:WaterLiquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Liquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Liquid temperature range:-20 120 °CLiquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	256.4 Rp 1
Liquid temperature during operation:20 °CDensity:998.2 kg/m³Electrical data:80BWotor type:80BE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	212 196.3 60.1 143.6
Density:998.2 kg/m³Electrical data:80BMotor type:80BIE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	Rp 3/8
Electrical data:Motor type:80BIE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Motor type:80BIE Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
E Efficiency class:IE5Rated power - P2:1.1 kWMains frequency:50 Hz	
Rated power - P2:1.1 kWMains frequency:50 Hz	
Rated power - P2:1.1 kWMains frequency:50 Hz	
Mains frequency: 50 Hz	450 H 2301 + Rp 3/8
kated voltage: 1 x 200-240 V	k <del>−−−−−−−−</del> +
Rated current: 6.70-5.60 A	
Rated speed: 360-4000 rpm	
Enclosure class (IEC 34-5): IP55	
Insulation class (IEC 85): F	
Others:	
Minimum efficiency index, MEI : 0.68	
Net weight: 15.6 kg	
Gross weight: 19.1 kg	
Config. file no: 98498327	
<u> </u>	
	A GENtus A V GENtus Y R OF New R
	(AND 
	15         +24 ∨           8         +24 ∨

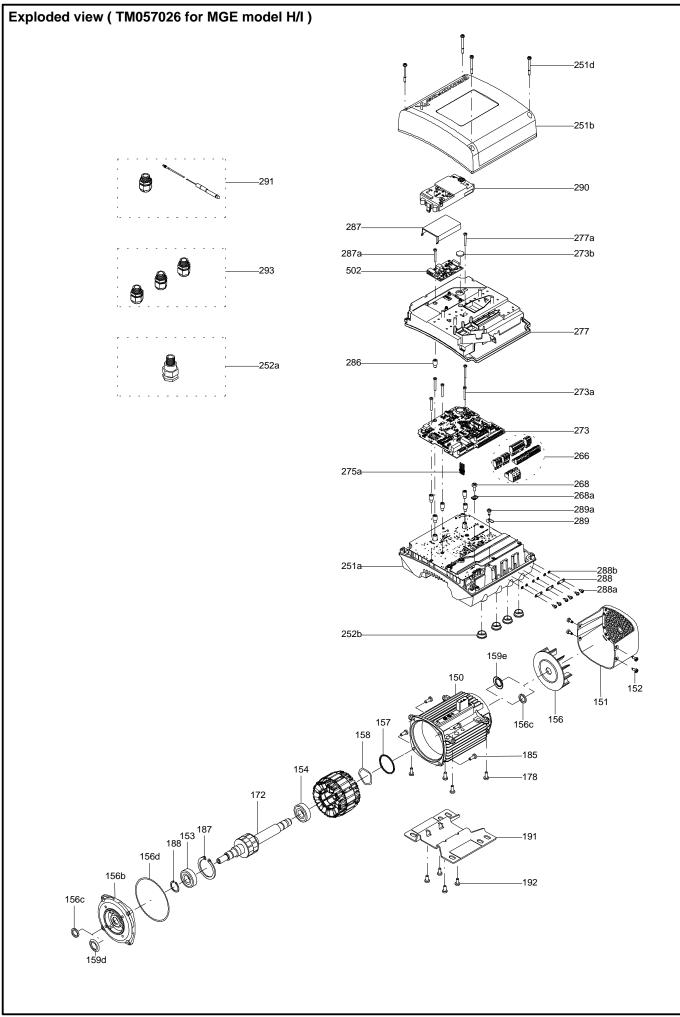








## TM058200



## Parts list CME1-6, Product No. On request Valid from 2.1.2013 (1301)

Pos	Description	Annotation	Données de classification	iverenence	Quantité	Unit
	MGE80B				1	pcs
	Cross recess countersunk screw				4	pcs
4	Chamber cpl.				4	pcs
	Guide vane				6	
	Plate				1	
	Retainer				1	
	Intermediate chamber				1	
	Vane				1	
45	Neck ring				1	
	-					
65	Retainer				1	
4.d	Chamber cpl.				1	pcs
	Chamber				1	
	Retainer for seal ring				1	
	Guide vane				6	
	Plate				1	
	Vane				1	
45	Neck ring				1	
65	Neck ring retainer				1	
65 4e						nee
40	Chamber cpl.				1	pcs
	Retainer				1	
	Intermediate chamber				1	
	Vane				1	
45	Neck ring				1	
65	Retainer				1	
5a	Chamber, empty				1	pcs
6.a	Flange				1	, pcs
16	Collar sleeve cpl.				1	pcs
25	Drain plug cpl.				2	•
			Diameters 10 5			pcs
11	O-ring		Diameter: 18,5		1	
			Material type: EPDM			
			Thickness: 2			
25	Plug				1	
26	Hex socket head cap screw		Length (mm): 150		4	pcs
			Thread: M8			
31	O-ring		Diameter: 114		1	pcs
	5		Material type: EPDM			•
			Thickness: 3,9			
32	Cover plate		1110111000. 0,0		1	<b>n</b> 00
32	•					pcs
	Cover plate				1	
	Plate				1	
36	Lock nut		Thread: M8		1	pcs
49	Impeller cpl.				6	pcs
51	Pump shaft		Diameter: D12		1	pcs
64	Spacing pipe				5	pcs
64.c	Clamp				1	pcs
66	Wedge lock washer				1	pcs
76	Nameplate				2	
105	Shaft seal					pcs
			Diama ( 17.00		1	pcs
102	O-ring		Diameter: 17,86		1	
			Material type: EPDM			
			Thickness: 2,62			
103	Seal ring, stationary				1	
104	Seal ring, rotating				1	
107	O-ring				1	
108	Compression spring				1	
111	Retainer				1	
112	Driver for shaft seal				1	
111.a					1	pcs
151	Fan cover				1	pcs

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
152	Pan head thread forming screw				4	pcs
156	Fan				1	pcs

Disclaimer: The information about the Grundfos pump in this document may be outdated. Data may be subject to alterations without further notice. Please contact us to verify the data above is still accurate/up-to-date.

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