

Kiekis	Aprašymas
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DMH 520-16 B-SS/E/SS-X-41C1C1XE1AG



Atkreipkite dėmesį! Paveikslėlyje parodytas produktas gali skirtis nuo tikrojo

Produkto Nr.: [99823067](#)

The pump of the DMH series is a versatile positive displacement diaphragm dosing pump.

The diaphragm is coupled hydraulically via a precise gear-eccenter-tapet-system to a high efficiency AC motor. The dosing capacity is adjusted by varying the stroke length at the stroke adjustment knob in the ratio 1 to 10.

The range is highly versatile, it covers a wide flow range and offers a variety of dosing head sizes, materials and accessories. Customers worldwide have enjoyed years of trouble-free operation from their DMH pumps.

The Grundfos DMH range is a series of extremely strong, robust pumps for applications requiring reliable dosing capability, such as process engineering.

The liquid end is composed of:

- Dosing head
- PTFE diaphragm
- Ball valves

Other features:

- Robust industrial pump with aluminium or cast iron enclosure
- Easy to install and operate design
- Long life PTFE diaphragm
- Optimum capacity and stroke frequency graduation
- Dosing flow variation  $\pm 1.5\%$  (FS), linearity  $\pm 2\%$  (FS)

Applies only to pumps with: ATEX certification

The dosing pump DMH 25x is certified according to the ATEX guideline RL 94/9/EC for non-electrical operating supplies.

The motor versions EEx e and EEx de defined by Grundfos are certified by the manufacturers according to ATEX guidelines for electrical operating supplies. The motor type plate is labelled according to ATEX.

The ATEX approved DMH pumps are available in a variety of configurations - some can be used for dosing combustible liquids.

Electronics features:

Applies only to pumps with control variant: AR

Etron Profi microprocessor electronics, direct attached to motor:

- Stroke frequency adjustable from 1 stroke/min to maximum stroke frequency
- Pulse control with multiplier and divisor
- Analogue signal control 0/4-20 mA
- Level control with input for two level signals.
- Pulse, analogue and remote on/off input
- Analogue output
- Alarm relay output

-Stroke output

-Input for dosing controller and diaphragm monitoring sensor

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- 1 Applies only to pumps with control variant: D3; D6
- Automatic adjustment of stroke length via direct drive control or mA-input signal
  - For further specifications please refer to servomotor

## Valdikliai:

Type of connector: No plug  
Type of control variant: Standard  
Frequency converter: Not prepared for VFD

## Skystis:

Siurbiamas skystis: Vanduo  
Skysčio temperatūros diapazonas: -10 .. 90 °C  
Skysčio temperatūra eksploatavimo metu: 20 °C  
Tankis: 998.2 kg/m<sup>3</sup>

## Techniniai duomenys:

Nominal flow rate at 50 Hz: 520 l/h  
Number of dosing heads: 1  
Sertifikatai: CE, ATEX, EAC, CNROHSEX  
Non return valve type, inlet pump 1: Standard  
Non return valve type, outlet pump 1: Standard  
Max viscosity: 50 mPas

## Medžiagos:

Siurblio korpusas: Aliuminis  
Dozavimo galva, 1 siurblys: Stainless steel  
Dosing head, pump 1: EN 1.4571  
Valve ball: Stainless steel  
EN 1.4401  
Valve seat: Stainless steel  
EN 1.4571  
Valve gasket: EPDM  
Rubber

## Įrengimas:

Max operating pressure at 50 Hz: 16 bar  
Didžiausias leistinas įeinantis slėgis: 0.8 bar  
Įvado jungties tipas: Welding  
Išvado jungties tipas: Welding  
Įvado jungties dydis: 40  
Išvado jungties dydis: 40

## Elektrotechniniai duomenys:

Naudojama galia P1: 1 kW  
Elektros tinklo dažnis: 50 Hz  
Max. frequency: 50 Hz  
Nominali įtampa: 3 x 230/400 V  
Korpuso klasė (IEC 34-5): IP65  
Cable included (Yes/No): N  
Maitinimo kištukas: Be kištuko

## Kita:

Neto masė: 69 kg  
Bruto masė: 77.7 kg  
Tiekimo tūris: 0.995 m<sup>3</sup>  
Diaphragm Leakage Detection: N



Įmonės pavadinimas:

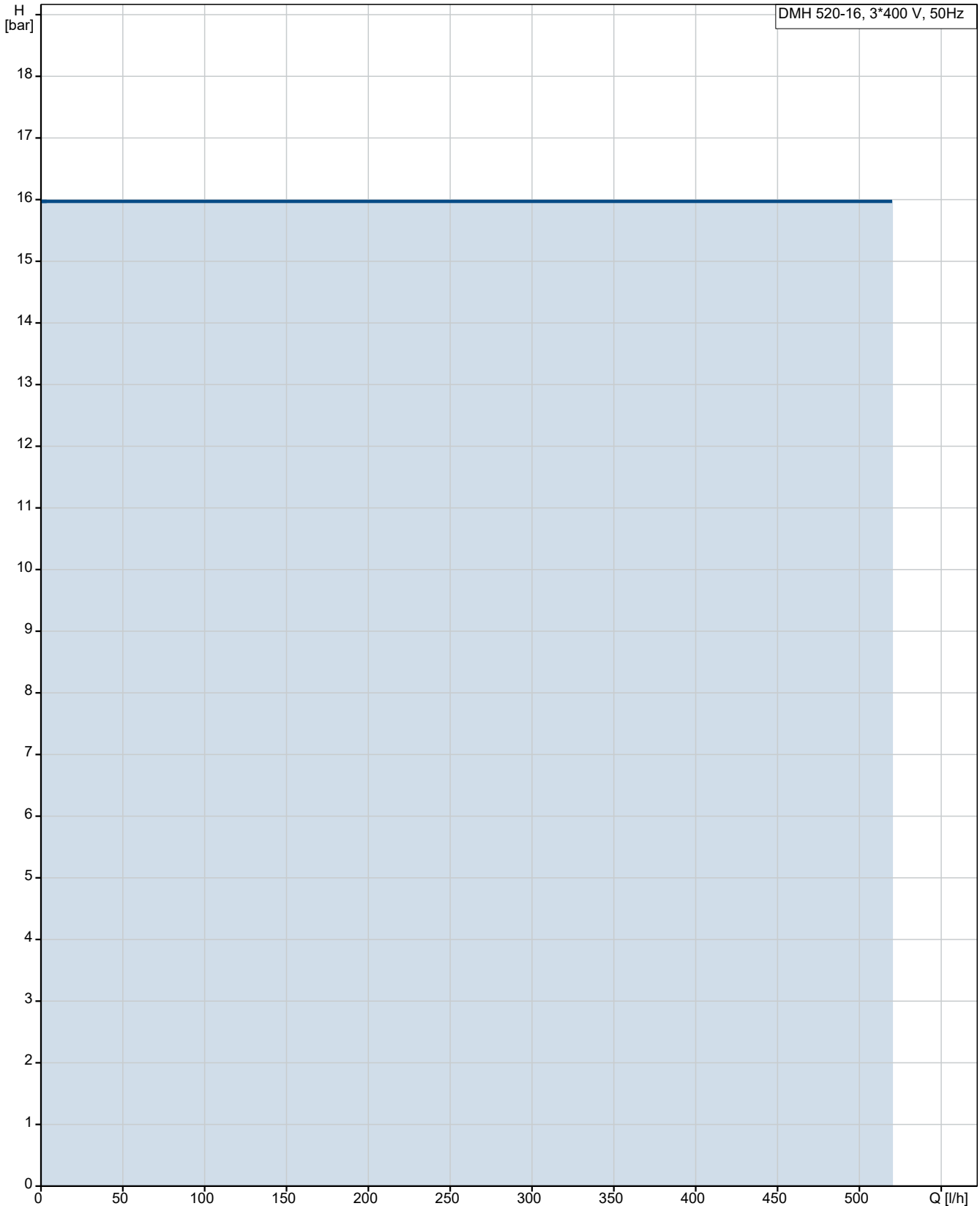
Paruošė:

Telefonas:

Data:

2024-09-27

## 99823067 DMH 520-16 B-SS/E/SS-X-41C1C1XE1AG 50 Hz

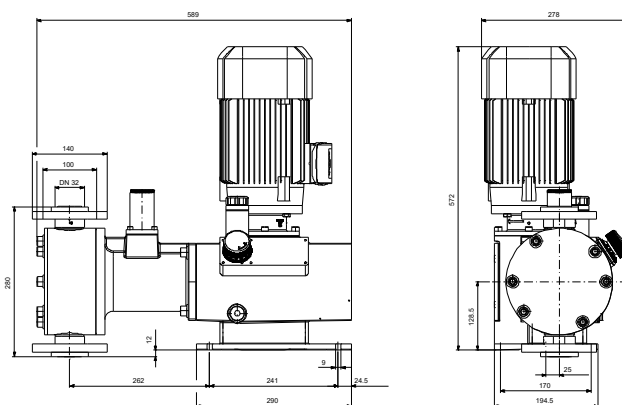
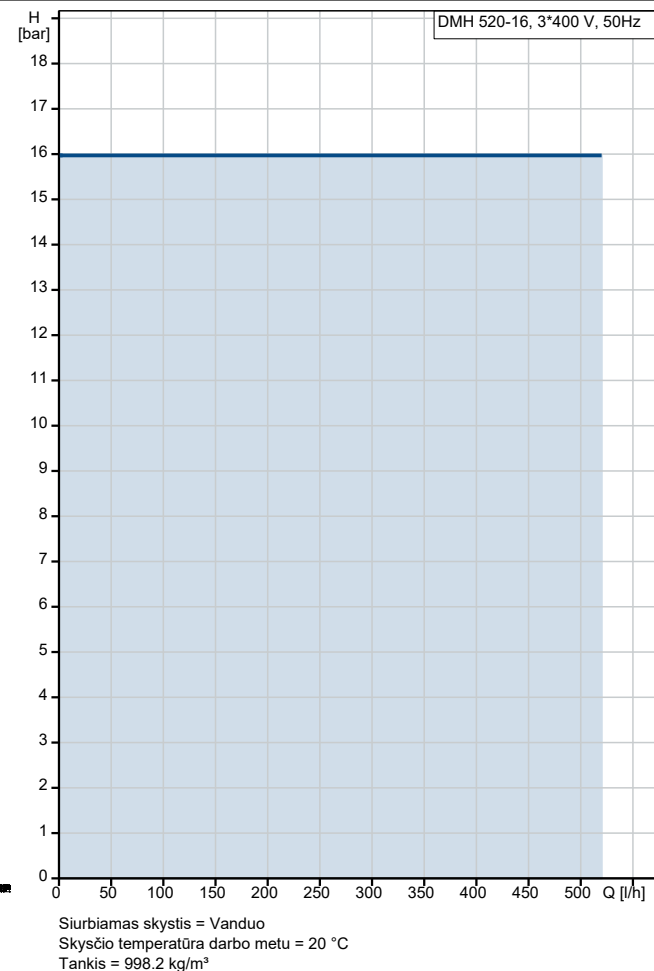


Siurbiamas skystis = Vanduo

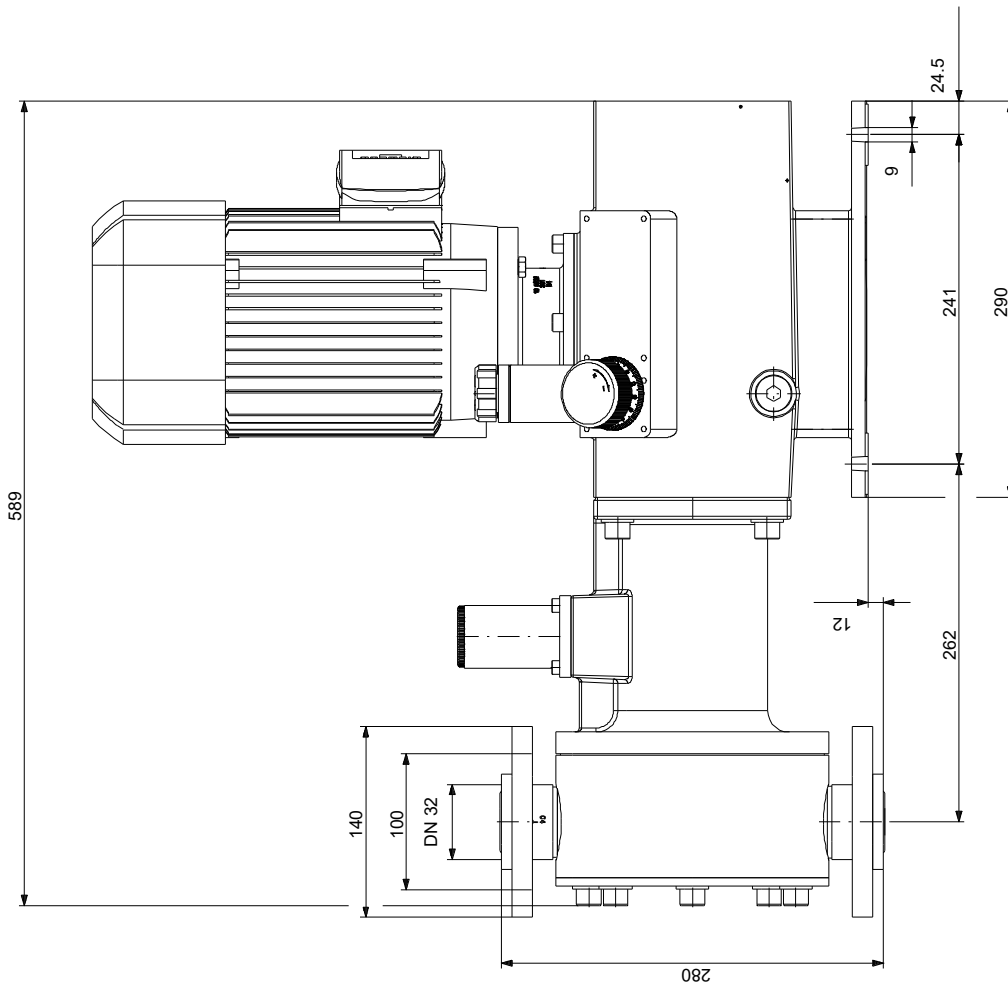
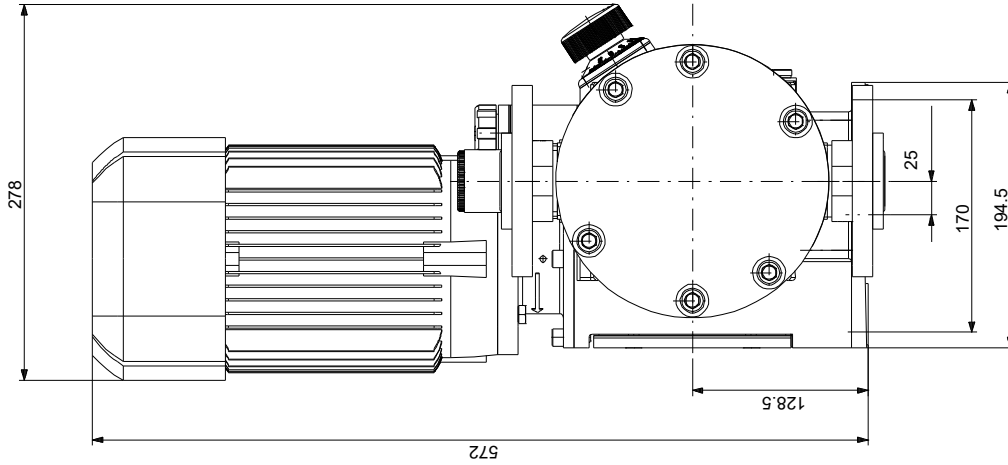
Skysčio temperatūra darbo metu = 20 °C

Tankis = 998.2 kg/m<sup>3</sup>

Aprašymas	Vertė
<b>Bendra informacija:</b>	
Produkto pavadinimas:	DMH 520-16 B-SS/E/SS-X-41C1C1XE1AG
Produkto Nr.:	99823067
EAN numeris:	5713834794865
<b>Techniniai duomenys:</b>	
Nominal flow rate at 50 Hz:	520 l/h
Number of dosing heads:	1
Sertifikatai:	CE,ATEX,EAC,CNROHSEX
Non return valve type, inlet pump 1:	Standard
Non return valve type, outlet pump 1:	Standard
Max viscosity:	50 mPas
<b>Medžiagos:</b>	
Siurblio korpusas:	Aliuminis
Dozavimo galva, 1 siurblys:	Stainless steel
Dosing head, pump 1:	EN 1.4571
Valve ball:	Stainless steel
Valve ball:	EN 1.4401
Valve seat:	Stainless steel
Valve seat:	EN 1.4571
Valve gasket:	EPDM
Valve gasket:	Rubber
<b>Įrengimas:</b>	
Max operating pressure at 50 Hz:	16 bar
Didžiausias leistinas įeinantis slėgis:	0.8 bar
Įvado jungties tipas:	Welding
Išvado jungties tipas:	Welding
Įvado jungties dydis:	40
Išvado jungties dydis:	40
<b>Skystis:</b>	
Siurbiamas skystis:	Vanduo
Skysčio temperatūros diapazonas:	-10 .. 90 °C
Skysčio temperatūra eksploataavimo metu:	20 °C
Tankis:	998.2 kg/m <sup>3</sup>
<b>Elektrotechniniai duomenys:</b>	
Naudojama galia P1:	1 kW
Elektros tinklo dažnis:	50 Hz
Max. frequency:	50 Hz
Nominali įtampa:	3 x 230/400 V
Korpuso klasė (IEC 34-5):	IP65
Cable included (Yes/No):	N
Maitinimo kištukas:	Be kištuko
<b>Valdikliai:</b>	
Type of connector:	No plug
Type of control variant:	Standard
Frequency converter:	Not prepared for VFD
<b>Kita:</b>	
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Bruto masė:	77.7 kg
Tiekimo tūris:	0.995 m <sup>3</sup>
Diaphragm Leakage Detection:	N



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Atkreipkite dėmesį! Visi matmenys, jei nenurodyta kitaip, pateikti milimetrais.

Atsakomybės apribojimas: šiame supaprastintame matmenų brėžinyje neparodytos visos detalės.