

Position	Antal	Beskrivning
	1	MAGNA3 32-40 N  OBS! Bilden på produkten kan avvika från aktuell produkt Art.nr.: 97924341 MAGNA3 - Mer än en pump Med sin oöverträffade effektivitet, brett program och med inbyggd funktionalitet som ersätter systemkomponenter är MAGNA3 mycket lämplig för moderna anläggningar med krav på hög funktionalitet och kommunikationsmöjligheter. Denna pump i Grundfos Master Class passar perfekt till både värme- och kylsystem, vilket gör det till det självklara valet för nästan alla byggprojekt - gamla eller nya. MAGNA3 är av typen våtlöpande, dvs pump och motor utgör en integrerad enhet utan axeltätning och med endast två packningar för tätning. Lagren smörjs av den pumpade vätskan. Det nyutvecklade spännringen med endast en skruv gör det möjligt att mycket enkelt vrida pumphuvudet. En pump utan krav på underhåll och med extremt låg livscykelkostnad. MAGNA3 karakteriseras av följande: • Styrning integrerat i kontrollboxen • Inställningar direkt på kontrollboxen m.h.a. TFT färgskärm • Kontrollbox förberedd för buskommunikation (modulkort krävs för resp. bus-språk) • Inbyggd differenstrycks- och temperatursensor • Pumphus av gjutjärn eller rostfritt stål (beroende på modell) • Kolfiberförstärkt rotorhylsa i komposit • Lagerplatta och rotor i rostfritt stål • Statorhus i aluminiumlegering • Luftkyld elektronik MAGNA3 är en enfaspump. Fördelar: • AUTOADAPT. • FLOWADAPT och FLOWLIMIT • Proportionaltrycksreglering. • Konstanttrycksreglering. • Drift på konstantkurva. • Drift på max- eller minkurva. • Automatisk nattsänkning. • Inget behov av externt motorskydd. • Levereras med isoleringskåpor för drift i värmesystem. • Stort temperaturområde (där medietemperatur och omgivningstemperatur är oberoende av varandra). Kommunikation MAGNA3 möjliggör kommunikation via följande: • trådlöst med Grundfos GO fjärrkontroll • fieldbus-kommunikation via CIM-moduler • digitala ingångar • reläutgångar • analog ingång (mer än en pump – fungerar även som energimätare) Motor och elektronisk styrning:

MAGNA3 har en inbyggd 4-polig synkron, permanentmagnet-motor (PM motor). Denna motortyp karakteriseras av högre verkningsgrad än en traditionell asynkronmotor.

Pumpens varvtal styrs av en integrerad frekvensomformare.

Pumpen har inbyggd differenstrycks- och temperatursensor.

Vätska:

Pumpad vätska:	Vatten
Vätsketemperatur område:	-10 .. 110 °C
Vätsketemp.:	60 °C
Densitet:	983.2 kg/m ³

Tekniskt:

TF klass:	110
Läs på namnskylden:	CE,VDE,EAC

Material:

Pumphus:	Rostfritt stål EN 1.4308 ASTM 351 CF8
Pumphjul:	PES 30%GF

Installation:

Område för omgivande temperatur:	0 .. 40 °C
Max. driftstryck:	10 bar
Rörslutning:	G 2"
Trycksteg:	PN10
Inbyggnadslängd:	180 mm

Elektriskdata:

Effekt - P1:	9 .. 74 W
Max strömförbrukning:	0.09 .. 0.61 A
Nätfrekvens:	50 Hz
Märkspänning:	1 x 230 V
Kapslingsklass (EC 34-5):	X4D
Isolationsklass (EC 85):	F

Övriga:

Label:	Grundfos Blueflux
Energy (EEI):	0.19
Nettovikt:	4.8 kg
Bruttovikt:	5.27 kg
Leveransvolym:	0.015 m ³

Beskrivning	Värde
Generell information:	
Produktnamn:	MAGNA3 32-40 N
Art. nr:	97924341
Position	
EAN nummer:	5710626494170
Pris:	På förfrågan
Tekniskt:	
Max. tryck:	40 dm
TF klass:	110
Läs på namnskylden:	CE,VDE,EAC
Modell:	B
Material:	
Pumphus:	Rostfritt stål
	EN 1.4308
	ASTM 351 CF8
Pumpjul:	PES 30%GF
Installation:	
Område för omgivande temperatur:	0 .. 40 °C
Max. driftstryck:	10 bar
Röranslutning:	G 2"
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Pumpad vätska:	Vatten
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Performance Graphs:

Head vs. Flow (H-Q):

Y-axis: H [m] (0.0 to 4.5)
X-axis: Q [l/s] (0 to 2.0)
Curves: Blue (MAGNA3 32-40 N, 50Hz), Black (MAGNA3 32-40 N, 60Hz), Grey (MAGNA3 32-40 N, 50Hz, 110°F)
Shaded area: Operating range

Power vs. Flow (P1-Q):

Y-axis: P1 [W] (0 to 60)
X-axis: Q [l/s] (0 to 2.0)
Curves: Blue (MAGNA3 32-40 N, 50Hz), Black (MAGNA3 32-40 N, 60Hz), Grey (MAGNA3 32-40 N, 50Hz, 110°F)
Shaded area: Operating range

Dimensions:

Top view: 111 mm (width), 180 mm (height), 69 mm (base width), 136 mm (base height)

Side view: 239 mm (total height), 185 mm (height to top of pump), 54 mm (height to top of motor), 71 mm (base width), 9 mm (base height)

Front view: 90 mm (width), 113 mm (height), 9 mm (base height)

Wiring Diagram:

Power supply: L, N, PE

ELCB (Earth Leakage Circuit Breaker)

Fuse (min. 10 A, time lag)

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