Safety



S Pump _ 0 5 D -• ==== -400 E Ð U Ð > • ==== **1** U •---Ð 2 5 8 Z _ ta 9 0 N • -----**`** 0

Economy

Diversity

Environment



Introduction

Lutz magnetically driven centrifugal pumps are the ideal complement to our range of existing products. The pumps are designed and constructed to address the needs and concerns we have today with respect to safety, cost, diversity and our environment.

From the smallest TMB series to the G3 series, we have taken the same care to provide you with reliable and quality products.

A choice of engineered plastics and differentiated bearing materials allows great flexibility in the handling of highly aggressive chemicals. The use of Neodymium magnets in the TMR series permits high temperature liquids to be pumped and gives a longer service life under harsh conditions.

The sealless design means greater environmental safety and no system downtimes common to pumps fitted with mechanical seals.

Additionally, the G2 and G3 TMR series have the patented self-aligning mechanism to prevent damage caused by dry-running or incipient cavitation.

The Lutz range of magnetically driven centrifugal pumps are used in many industrial sectors, from flow rates as low as 20 lpm to 800 lpm. We look forward to providing you with a solution to your pumping needs.

Jürgen Lutz





The right solution for every pumping requirement



TMR G2 / TMR G3 series

With the TMR series, Lutz offers a reliable magnetically coupled pump with a patented magnetic axial thrust self-aligning system that easily handles critical suction conditions caused by pressure loss. When used together with the "R" bearing system, the pumps are suitable for dry running. The series is designed for medium (TMR G2) to large pumping capacity (TMR G3) at higher system pressures.

Pump capacity: up to 48 m³/h (800 l/min) Pumping head: up to 42 m



AM series

With a proven track record, the AM series is ideal for transfers with medium flows, circulation and low pressure systems. The glass reinforced polypropylene and ECTFE housing combined with the available choice of bearing materials allow the AM series to be used in a wide range of applications with an 85% coverage of frequently use chemicals.

Pump capacity: Pumping head: up to 200 I/min up to 12 m



TMB series

The TMB series is specially designed for installation in small systems and equipment. The sturdy construction and reduced dimensions make the series suitable for OEM application.

Pump capacity: Pumping head: up to 65 l/min up to 8 m

Magnetically coupled



Fields of application

- Galvanic and surface processing systems
- ✓ Water treatment and wastewater systems
- Etching and cleaning systems
- Printed circuit board manufacturing
- Chemical industry (general)
- ✓ Galvanic/acid process plant engineering
- Photo industry
- 🖌 Solar system

Ideally designed for pumping:

Many liquids which include acids, bases, mixtures of acids and bases, solvents, alkali stripping baths, galvanic baths, photo-chemicals as well as radioactive, sterile, expensive or highly corrosive liquids.

Features

Sealless

The impeller is driven by the magnetic force of the outer magnets, therefore no mechanical seal is required. As the pump housing is hermetically sealed no leaks can occur.

Different bearing systems for different needs

Bearing materials of carbon, ceramic, silicon carbide and Rulon[®] make it possible to configure pumps individually for difficult operating conditions, such as dry running, suspended solids, or highly aggressive media.

Operating safety and high level of efficiency

The use of high-performance permanent magnets ensures high transmission forces even at elevated temperatures. The design of the bearing system and use of compatible materials reduce energy loss through friction.

Customer benefits

Power and efficiency

Maximum level of efficiency through optimised hydraulics results in lower power requirements.

🖌 Long service life

The use of high quality materials ensures a long service life.

Highly cost-effective

Easy to maintain

Small number of components and wear parts can be replaced without special tools, thus reducing cost and lengthy downtimes.



The GX version of the AM/TMR series, complies with the requirements of ATEX directive 94/9/EC. Thus they can be used in hazardous (Ex) areas.

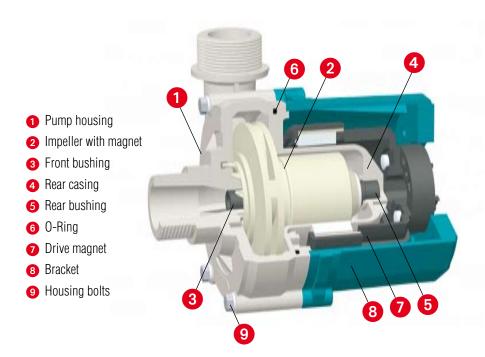


Leak-free and reliable

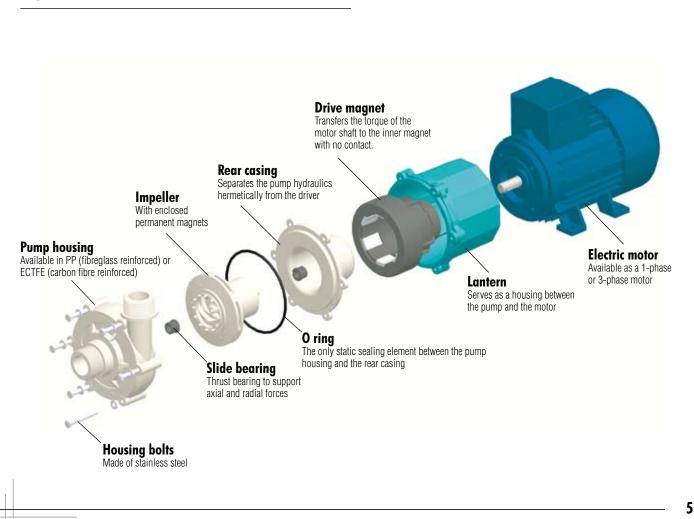
Operating principle

The magnetic coupling consists of two magnetic rotors separated from each other by a closed rear casing. The drive magnetic rotor positioned on the motor shaft transfers the torque of the motor via a rotating magnetic field to the inner rotor enclosed in the rear casing. Depending on the pump design, the driven rotor is directly or indirectly connected with the impeller. Thus the impeller is driven without the need of a shaft seal. The pumped liquid lubricates the bearing of the pump. A static seal between the pump housing and the separate rear casing acts as a sealing element to the atmosphere.

Lutz horizontal centrifugal pumps with magnetic coupling are running leakage- and maintenance-free.



Exploded view



TMB Series

General Description

The TMB features a single-stage centrifugal impeller and a magnetic drive. The range of TMB pumps includes five models to deliver flows from 12 - 62 l/min, and heads from 1.9 - 8 meters.

The TMB is made entirely of thermoplastics, with outstanding chemical and mechanical resistance made from glassfibre reinforced polypropylene (GFR/PP) or ETCFE.

Materials of construction on wetted end components are ceramics for the spindle, reinforced PTFE bearings and a FKM O-ring gasket.

The drive magnet, located outside the casing and attached to the motor shaft, drives the magnetic impeller assembly inside the casing.

The traditional shaft seal and the consequent leakage problems are eliminated. There is no corrosion of the outer parts (motor and bearings) in the environment.

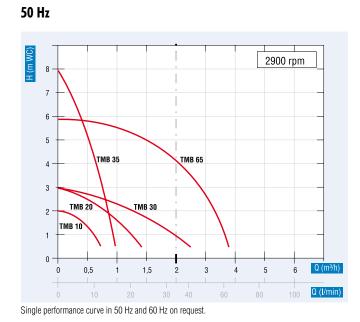
The TMB's compact size, low noise, and absence of a mechanical seal make these pumps ideal for many applications.



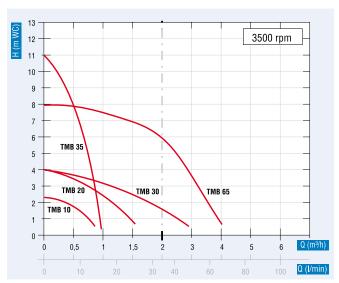
Pump construction

- Pump material WR: Polypropylene (glass fibre reinforced) **GF:** ECTFE (carbon fibre filled)
- Bearing material Rulon®, ceramics
- Sealing of casing Viton®
- Magnet Ferrite

Performance curve



60 Hz

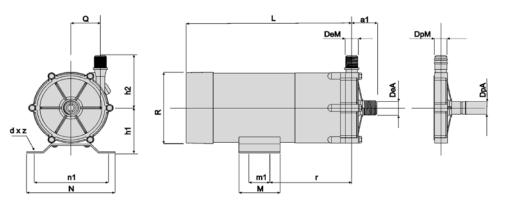


TMB Series

Technical Data

ТМВ	10	20	30	35	65
De M (BSP/NPT)	-	3/4" AG	3/4" AG	3/8" AG	1" AG
De A (BSP/NPT)	-	3/4" AG	3/4" AG	1/2" AG	1" AG
Dp M	14	17	20	18	26
Dp A	14	18	20	18	26
a1	31	37	48	34	62
h1	45	55	60	60	67
h2	47	74	75	75	84
L	100	181	206	206	222
m1	16	30	40	40	40
Μ	30	50	64	64	68
n1	78	70	100	100	120
Ν	90	92	120	120	144
Q	17	30	32	40	45
r	46,5	75	94	94	115
R	70	90	90	90	115
d x z	Ø 5 x 4	Ø6x4	Ø 8 x 4	Ø 8 x 4	Ø 8 x 4

Dimensions with IEC-Motor



Dimensions in mm

Туре	ТМ	B 10	TMB 20 - 3	30 - 35 - 65	TIV	IB 35			
Construction	V	/R	V	VR		GF			
Volute casing	Polyor	opylene	Polypro	onvlono	EC	TFE			
Rear casing		e reinforced)		reinforced)		ibre filled)			
Centrifugal impeller	(glubb libit)	s reinforced)	(giass libit	Termoroedy	(ourboil libro linou)				
Operating temperature	0 up to	0° 00+ 0	0 up to	−0° 00+	0 up to	+110 °C			
Environment temperature	0 up to) +45 °C	0 up to	+45 °C	0 up to	+45 °C			
Bearing system		N ₁	N	1	N ₁				
Guide bearing		-	Rule	on®	Rulon®				
Shaft		SS	ceral	mics	ceramics				
Thrust ring	Ru	lon®	ceral	mics	ceramics				
O ring	Vit	on®	Vito	on®	Vite	on®			
Screws		SS	S	S	SS				
Technical data		TMB 10	TMB 20	TMB 30	TMB 35	TMB 65			
Inlet-Ø	BSP	-	G 3/4 OT	G 3/4 OT	G 1/2 OT	G 1 OT			
Outlet-Ø	BSP	-	G 3/4 OT	G 3/4 OT	G 3/8 OT	G 1 OT			
Hose connection	Inlet (mm) Outlet (mm)	14 14	18 17	20 20	18 18	26 26			
Motor power (IEC) 50 Hz	W	15	29	57	57 97				
Motor			-	1-Phase 230 V / 50 Hz	2				

Viton® and Kalrez® are registered Trademarks of DuPont Performance Elastomers. Rulon® is a registered Trademark of Saint-Gobain. OT = Outer thread IT= Inner thread

AM Series

General Description

The AM pump is a magnetic driven pump, designed to meet the continuous demands of the marketplace.

These pumps are close coupled, horizontal end-suction centrifugals. The bodies are entirely built with reinforced thermoplastic polymers. The materials for the internal components are ceramic oxides, high density carbon, and fluorinated elastomers.

Performance

The drive magnet, located outside the casing and attached to the motor shaft, drives the magnetic impeller assembly inside the casing.

Special materials allow for occasional dry running operation.

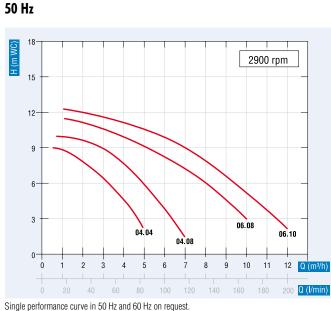
The AM is built from three types of materials for a variety of applications, ranging from ultrapure water to wastewater, slightly abrasive liquids, caustics, and acids.

The AM is able to work at maximum capacity, transferring fluid with specific gravities up to 1.8 kg/dm³. The drive assembly is made of powerful Neodymium-Iron-Boron magnets.

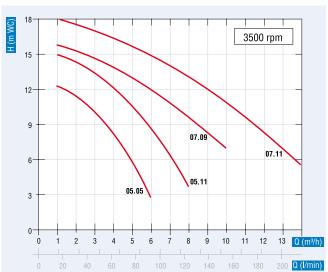


- Pump material WR: Polypropylene (glass fibre reinforced) **GF/GX:** ECTFE (carbon fibre filled)
- Bearing material Carbon, ceramics, silicon carbide, Rulon®
- Sealing of casing Viton[®], EPDM or Kalrez[®]

Performance curve







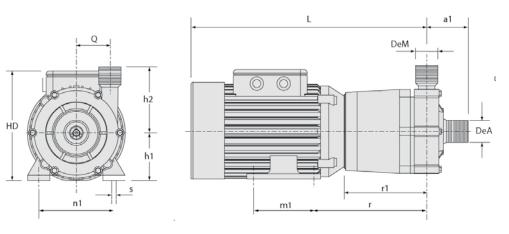


AM Series

Technical Data

AM		04.04			04.08			06.08			06.10	
DeM (BSP-NPT)		3/4" AG	i		1" AG		1	1/4" A	G	1	1/4" A	G
DeA (BSP-NPT)		3/4" IG			1" AG		1	1/4" A	G	1	1/4" A	G
a1		62			62			62			62	
a1.1		/			70			70			70	
Q		47			49			53			53	
h2		100			100			100			100	
h2.1		/			108			108		108		
	Ν	Р	S	Ν	Р	S	Ν	Р	S	Ν	Р	S
L*	330	330	348	330	348	348	348	348	388	348	388	388
h1	63	63	71	63	71	71	71	71	80	71	80	80
HD*	160	160	177	160	177	177	177	177	190	177	190	190
m1	80	80	90) 80 90 90			90	90	100	90	100	100
n1	100	100	112	2 100 112 112			2 112 112 125			112	125	125
r1	123	123	123					123	133	33 123 133 133		

Dimensions with IEC-Motor



Dimensions in mm

Туре		WR			GF		GX			
Category 2 (acc. to ATEX)		no			no		yes	ALEX		
Volute casing										
Rear casing		olypropylei			ECTFE		ECTF			
Centrifugal impeller	(glass	fibre reinf	orced)	(carb	on fibre fi	lled)	(carbon fib	re filled)		
Operating temperature	-5	up to +80	°C	-20 (up to +100	О°С	-20 up to +	-100 °C		
Environment temperature	Οι	up to +40 °	°C	-20	up to +40	°C	-20 up to	+40 °C		
Bearing system	R ₁	X ₁	N ₁	R ₂	X ₂	N ₂	R ₂	N ₂		
Guide bearing	HD-carbon	SiC	Rulon®	HD-carbon	SiC	Rulon®	HD-carbon	Rulon®		
Shaft		ceramics		SiC			SiC			
Thrust ring		ceramics		SiC			SiC			
O ring		Viton®1) Viton®12) Viton®1					Viton ^{®1) 2)}			
Screws		SS			SS		SS			
On request: 1)EDDM and 2)EEKM (Kalroz®)										

On request: 1)EPDM and 2)FFKM (Kalrez®)

Technical data			04.04			04.08			06.08		06.10			
Motor selection		N	Р	S	N	Р	S	N	Р	8	N	Р	S	
Inlet-Ø	BSP		G 3/4 IT			G 1 0T		(G 1 1/4 0	Т	G 1 1/4 OT			
Outlet-Ø	BSP		G 3/4 OT			G 1 0T		(G 1 1/4 0	Т	G 1 1/4 OT			
Hose connector	mm		25.5			-			-					
Inlet and outlet flange	DN		-			25			32			32		
Density max.	kg/dm ³	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	
Motor power (IEC) 50 Hz	kW	0.18 0.25 0.37			0.25 0.37 0.55			0.37 0.55 0.75			0.55	0.75	1.1	
Motor					3-Phase 400 V / 50 Hz, IP			55 (1-Ph	ase 230 \	/ / 50 Hz)				

*Special voltages on request Viton® and Kalrez® are registered Trademarks of DuPont Performance Elastomers. Rulon® is a registered Trademark of Saint-Gobain. OT = Outer thread IT= Inner thread

TMR: Absolutely safe for dry running

For almost all liquids

The use of high-quality materials in the housing and bearing ensure pumps of the TMR series have excellent chemical and mechanical properties. In addition to pure liquids, suspensions containing small amounts of solids and highdensity liquids can also be pumped.

Designed for dry running

The patented "magnetic axial thrust self-aligning system" makes it possible to operate all TMR pumps with HD carbon slide bearings ("R" bearing system) under dry running conditions for a limited amount of time with no danger.

Sturdy design

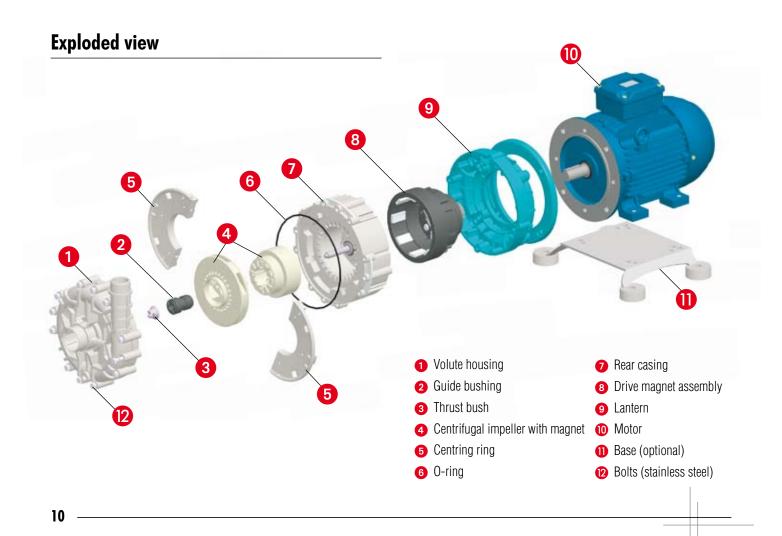
The housing has reinforcing ribs for pressure bearing. A metallic protection plate (G2 optional) provides additional stability and protects the pump housing from mechanical damage caused by fluctuating system pressures.



Assembly or disassembly of the pump housing does not require special tools, plus the simple design, using few wearing parts and components, all ensure a quick and simple maintenance.

Suction and discharge connections

Suction and discharge connections, are available with threads (BSP, NPT) or flanges (ISO, ANSI).



TMR Series

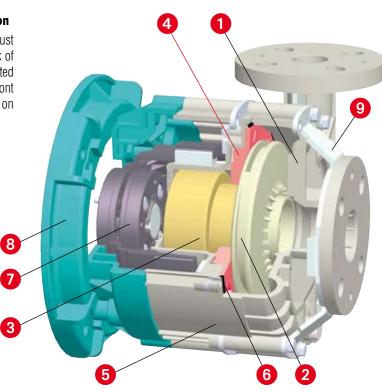
Magnetic axial thrust compensation

The operating principle of magnetic axial thrust compensation

Introducing an additional magnetic field ensures permanent axial thrust compensation. If dry running occurs due to a drop in pressure, lack of liquid or for other reasons, the impeller assembly is automatically shifted by the additional magnetic field to a neutral position between the front and back axial bearings. In this position there is negligible friction on the axial bearings.

- 1 Pump housing
- 2 Impeller
- 8 Permanent magnet
- 4 Central disk with additional magnetic field
- 6 Rear casing
- 6 0 ring
- Drive magnet
- 8 Bracket
- Guard plate

EU-Patent No. 1152151 US-Patent No. 6,551,075

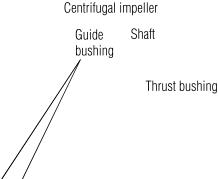


Dry running operation

Thrust bush

Normal running





Generously dimensioned guide bushing for continuous operation

Contact free operation upon dry running

TMR G2 Series

General Description

The G2 pump was designed to meet the continuous demand of the marketplace. Excess friction is eliminated by controlling the impeller movement through the use of an additional magnetic field. This patented solution is called the

two axial directions self-aligning system.

Features

The G2 is defined as "sealless" because the rear casing divides the two magnetic units, creating a sealless hermetic case all around the impeller. The drive magnet system excludes any type of rotating seal. The only needed seal is provided by an O-ring gasket between the volute casing and the rear casing. Another benefit of the G2 is that it allows the pumping of any chemical, at low or medium temperature, with pumps made of GFR-PP (glass fibre reinforced polypropylene) or CFF-E-CTFE (Etylene-Chloro Trifluoro Etylene carbon fibre filled). Due to the internal materials of the pump, you can pump both clean fluids and mediums with solids in suspension, or those that are moderately abrasive. Liquids with a specific gravity up to 1.8 kg/dm³ can be pumped at maximum flow with the correct corresponding pump: N-standard, P-powered or S-strong-powered, respectively.

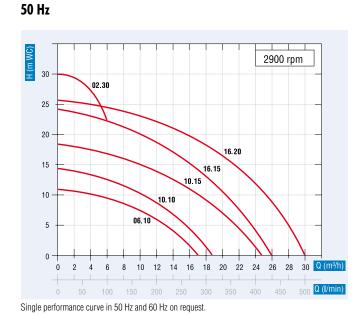


Pump construction

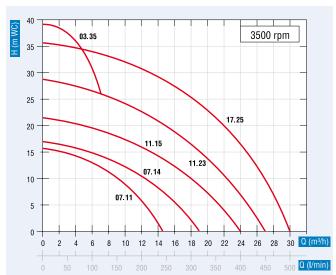
- Patented two axial directions self-aligning system
- Pump material WR: Polypropylene (glass fibre reinforced) GF/GX: ECTFE (carbon fibre filled)
- **Bearing material** Rulon[®], carbon, ceramics, silicon carbide
- Housing seal Viton[®], EPDM or Kalrez[®]
- Drive magnet
 Neodymium-Iron-Boron

EU-Patent No. 1152151 US-Patent No. 6,551,075

Performance curve



60 Hz

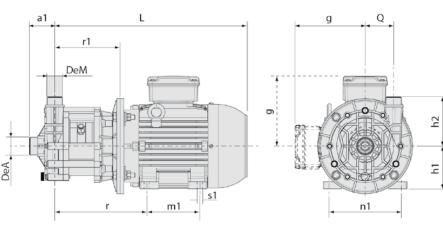


TMR G2 Series

Technical Data

TMR G2		06.10			10.10			10.15			16.15		16.	.20	02.	30
IEC-Size	71	80A 8)B	80A	80B	90S	80B	90S	90L	90S	90L	100	90L	100	90L	100
De M (BSP/NPT)		1 1/4"			1 1/4"			1 1/4"			1 1/4"		11	/4"	11,	/4"
De A (BSP/NPT)		1 1/2"			1 1/2"			1 1/2"			1 1/2"		11	/2"	11,	/2"
DNM		32			32			32			32		3	2	3	2
DNA		40			40			40			40		4	0	4	0
a1		67			67			67			67		6	7	6	7
L	356	385				405	385	405	430	405	405 430		430	478	430	478
Q		75			75			75			75		7	5	7	5
h1	71	80		8	80 9		80	80 90		ę	0	100	90	100	90	100
h2		130			130			130			130		13	30	13	30
r1		149			149			149		1	149		149	164	149	164
m1	90	100			100		1	00	125	100	125	140	125	140	125	140
n1	112	125		1:	25	140	125	1-	40	1	40	160	140	160	140	160
s1	7	8			8			8			8	10	8	10	8	10
g	106	110		1	10	142	110	1	42	1	42	155	142	155	142	155
d x z (ISO)		18 x 4			18 x 4			18 x 4			18 x 4		18	x 4	18:	x 4
d x z (ANSI)		16 x 4			16 x 4			16 x 4			16 x 4		16	x 4	16:	x 4

Dimensions with IEC-Motor



Dimensions in mm

Туре		WR			GF		GX				
Category 2 (acc. to ATEX)		no			no		yes	ALEX			
Volute casing	P	olypropylen	le		ECTFE		ECTFE				
Rear casing	(glass	s fibre reinfo	orced)	(carl	oon fibre fil	led)	(carbon fibre filled)				
Centrifugal impeller											
Operating temperature	-5	up to +80 °	°C	-20	up to +100	0°C	-20 up to +100 °C				
Environment temperature	0	up to +40 $^{\circ}$	С	-20	up to +40	°C	-20 up to +40 °C				
Bearing system	R ₁	X ₁	N ₁	R ₂	X ₂	N ₂	R ₂	N ₂			
Guide bearing	HD-carbon	SiC	Rulon®	HD-carbon	SiC	Rulon®	HD-carbon Rulon®				
Shaft		ceramics			SiC		SiC	, ,			
Thrust ring		ceramics			SiC		SiC				
0-ring		Viton ^{®1)}			Viton ^{®1) 2)}		Viton ^{®1) 2)}				
Screws		SS			SS		SS				
On request 1)EDDM and 2)EEKM (Kalrez)											

On request: 1)EPDM and 2)FFKM (Kalrez)

Technical data		06.10			10.10			10.15			16.15		16.20				02.30		
Motor selection		Ν	Р	S	N	Р	S	N	Р	S	N	Р	S	N	Р	S	Ν	Ρ	S
Ø Inlet	BSP	G	1 1/2 ()T	G	G 1 1/2 OT		G 1 1/2 OT)T	G	1 1/2 ()T	G	1 1/2 ()T	G	1 1/2 (TC
Ø Outlet	BSP	G	G 1 1/4 OT		G	G 1 1/4 OT		G 1 1/4 OT		G 1 1/4 OT)T	G 1 1/4 OT)T	G 1 1/4		TC	
Suction and pressure flange ISO	Suction (mm) Pressure (mm)	3	40 32 (40*)			40 32 (40*)		40 32 (40*)		3	40 2 (40*)	3	40 32 (40*)	3	40 2 (40*	·)	
Density max.	kg/dm ³	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.1	1.35	1.8	1.05	1.35	1.8
Power (IEC) 50 Hz	kW	0.55	0.55 0.75 1.1			0.75 1.1 1.5		1.1	1.5	2.2	1.5	2.2	3	2.2	3	-	2.2	3	-
Motor						3-Pha	ase 40	0 V / 5) Hz /	IP 55 ((1- Pha	ase 23	0 V / 5	50 Hz <	< 3 kW)				

*On request Viton® and Kalrez® are registered Trademarks of DuPont Performance Elastomers. Rulon® is a registered Trademark of Saint-Gobain. OT = Outer thread IT= Inner thread

TMR G3 Series

General Description

The G3 pump was designed to meet the continuous demand of the marketplace. Excess friction is eliminated by controlling the impeller movement through the use of an additional magnetic field. This patented solution is called the

two axial directions self-aligning system.

Features

The G3 is defined as "sealless" because the rear casing divides the two magnetic units, creating a sealless hermetic case all around the impeller. The drive magnet system excludes any type of rotating seal. The only needed seal is provided by an O-ring gasket between the volute casing and the rear casing. Another benefit of the G3 is that it allows the pumping of any chemical, at low or medium temperature, with pumps made of GFR-PP (glass fibre reinforced polypropylene) or CFF-E-CTFE (Etylene-Chloro Trifluoro Etylene carbon fibre filled). Due to the internal materials of the pump, you can pump both clean fluids and mediums with solids in suspension, or those that are moderately abrasive. Liquids with a specific gravity up to 1.8 kg/dm³ can be pumped at maximum flow with the correct corresponding pump: N-standard, P-powered or S-strong-powered, respectively.

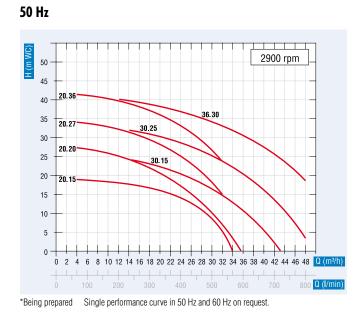


Pump construction

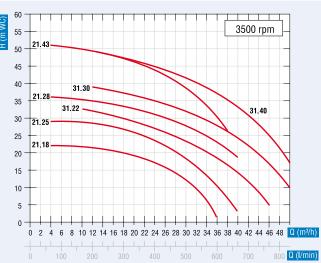
- Patented two axial directions self-aligning system
- SS armoured housing
- Pump material WR: Polypropylene (glass fibre reinforced) **GF/GX:** ECTFE (carbon fibre filled)
- Bearing material HD-carbon, silicon carbide, Rulon®, ceramics
- Housing seal Viton®, EPDM or Kalrez®
- Drive magnet Neodymium-Iron-Boron

EU-Patent No. 1152151 US-Patent No. 6,551,075

Performance curve





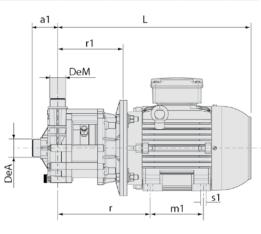


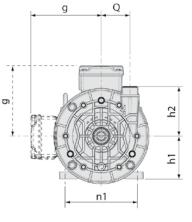
TMR G3 Series

Technical Data

THE OF		00.45			00.00			00.07	00.00		00.45	00.05	00.00		
TMR G3		20.15			20.20			20.27	20.36		30.15	30.25	36.30		
IEC-Size	90L	100L	112M	100L	112M	132SA	112M	132SA 132SB	132SA 132SB	112M	132SA 132SB	132SA 132SB	132SB		
De M (BSP/NPT)		1 1/2"			1 1/2"			1 1/2" 1 1/2"		1 1/2"	1 1/2"	1 1/2"			
De A (BSP/NPT)		2"			2"			2"	2"	2"		2"	2"		
DNM		40			40			40	40		40	40	40		
DNA		50			50			50	50	50		50		50	50
a1		70			70		70		70		70	70	70		
L	469	512	521	512	521	578	521	578	578	521 578		578	578		
Q		96			96		96		96	96		96	96		
h1	90	100	112	100	112	132	112	132	132	112 132		132	132		
h2		160			160			160	160	160		160	160		
r	244	261	268	261	268	307	268	307	307	268 307		307	307		
r1	188	19	98	1	98	218	198	218	218	198	218	218	218		
m1	125	14	40		140			140	140		140	140	140		
n1	140	160	190	160	190	216	190	216	216	190	216	216	216		
s1	8	1	0		10			10	10		10	10	10		
g	142	155	168	155	168	181	168	181	181	168	181	181	181		
d x z (ISO)		18x4			18x4			18x4	18x4		18x4	18x4	18x4		
d x z (ANSI)	1	6-19x4	<		16-19x4	1		16-19x4	16-19x4		16-19x4	16-19x4	16-19x4		

Dimensions with IEC-Motor





Dimensions in mm

Туре		WR			GF		G				
Category 2 (acc. to ATEX)		no			no		ує	es Arex			
Volute casing					FOTEE		503				
Rear casing		olypropylen s fibre reinfo		(oor	ECTFE con fibre fi	lod)	ECT (carbon fi				
Centrifugal impeller	(yias:		Jiceu)	(Udi		ieu)	(Calboli II	bie illieu)			
Operating temperature	-5	up to +80 °	C	-20	up to +100	0°C	-20 up to +100 °C				
Environment temperature	0	up to +40 $^{\circ}$	С	-20	up to +40	°C	-20 up to	0 +40 °C			
Bearing system	R ₁	X ₁	N ₁	R ₂	X ₂	N ₂	R ₂	N ₂			
Guide bearing	HD-carbon	SiC	Rulon®	HD-carbon	SiC	Rulon®	HD-carbon Rulon®				
Shaft		ceramics			SiC		Si	С			
Thrust ring		ceramics			SiC		SiC				
O ring		Viton ^{®1)}			Viton ^{®1) 2)}		Viton ^{®1) 2)}				
Screws		SS			SS		SS				

On request: 1)EPDM and 2)FFKM (Kalrez®)

Technical data		20.15 20.20		20.20		20.27			20.36		30.15			30.25			36.30					
Motor selection		N	Р	S	N	N P S		N	N P S		N	Р	S	N P S		S	N	Р	S	N	Ρ	S
Ø Inlet	BSP	(G 2 0	Γ	(G 2 01	Γ	(G 2 01	Ī	G 2 OT		G 2 OT		Γ	G 2 OT		Γ	(G 2 01	-	
Ø Outlet	BSP	G	G 1 1/2 OT			G 1 1/2 OT			G 1 1/2 OT			G 1 1/2 OT		G 1 1/2 OT		OT	G 1 1/2		OT	G	1/2 (ЪС
Suction and pressure flange ISO	Suction (mm) Pressure (mm)		50 40			50 40			50 40		50 40			50 40				50 40			50 40	
Density max.	kg/dm ³	1.05	.05 1.35 1.8			1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8	1.05	1.35	1.8
Power (IEC) 50 Hz	kW	2.2	2.2 3 4			3 4 5.5		4	5.5	7.5	5.5	7.5	11	4	5.5	7.5	5.5	7.5	11	7.5	11	-
Motor		3-Phase 400 V / 50 Hz, IP 55																				

Viton® and Kalrez® are registered Trademarks of DuPont Performance Elastomers. Rulon® is a registered Trademark of Saint-Gobain. OT = Outer thread IT= Inner thread



Professional Fluid Management

Founded in 1954 Lutz-Pumpen has distinguished itself by producing quality products, and has built up a sound reputation for safety in the pumping field led by its expertise in the drum and container market. Successively, other products have been added in order to cater to the needs of our customers. We are indebted to all our loyal customers who have often been the source of our many innovations, as we sought to provide them with the solutions they required.

In this brochure, we would like to take this opportunity to give you an overview of our product range. Naturally, we welcome any enquiries you may have, so please do not hesitate to contact us or one of our offices or distributors for further help or assistance.

Lutz is represented world-wide in over sixty countries. Our distributors are trained by us and are ready to assist you, to find out more please see our web site www.lutz-pumpen.de



Lutz representation world-wide:

Argentina Australia Austria Belarus Belgium Brasil Bulgaria Canada Chile China Croatia Cyprus Czechia Denmark Egypt Estonia Finland France Ghana Great Britain Greece Hong Kong Hungary India Indonesia

Iran Ireland Italy Japan Korea Lithuania Luxembourg Macedonia Malaysia Mauritius Mexico Netherlands New Zealand Nigeria Norway Peru Philippines Poland Portugal Rumania Russia



Saudi Arabia Serbia Singapore Slovakia Slovenia South Africa Spain Sri Lanka Sweden Switzerland Syria Taiwan Thailand Turkey U.A.E. Ukraine USA Venezuela Vietnam

Lutz Pumpen GmbH

P.O. Box 14 62 · D-97864 Wertheim Tel.: (+49 93 42) 8 79-0 · Fax: (+49 93 42) 87 94 04

e-mail: info@lutz-pumpen.de

www.lutz-pumpen.de