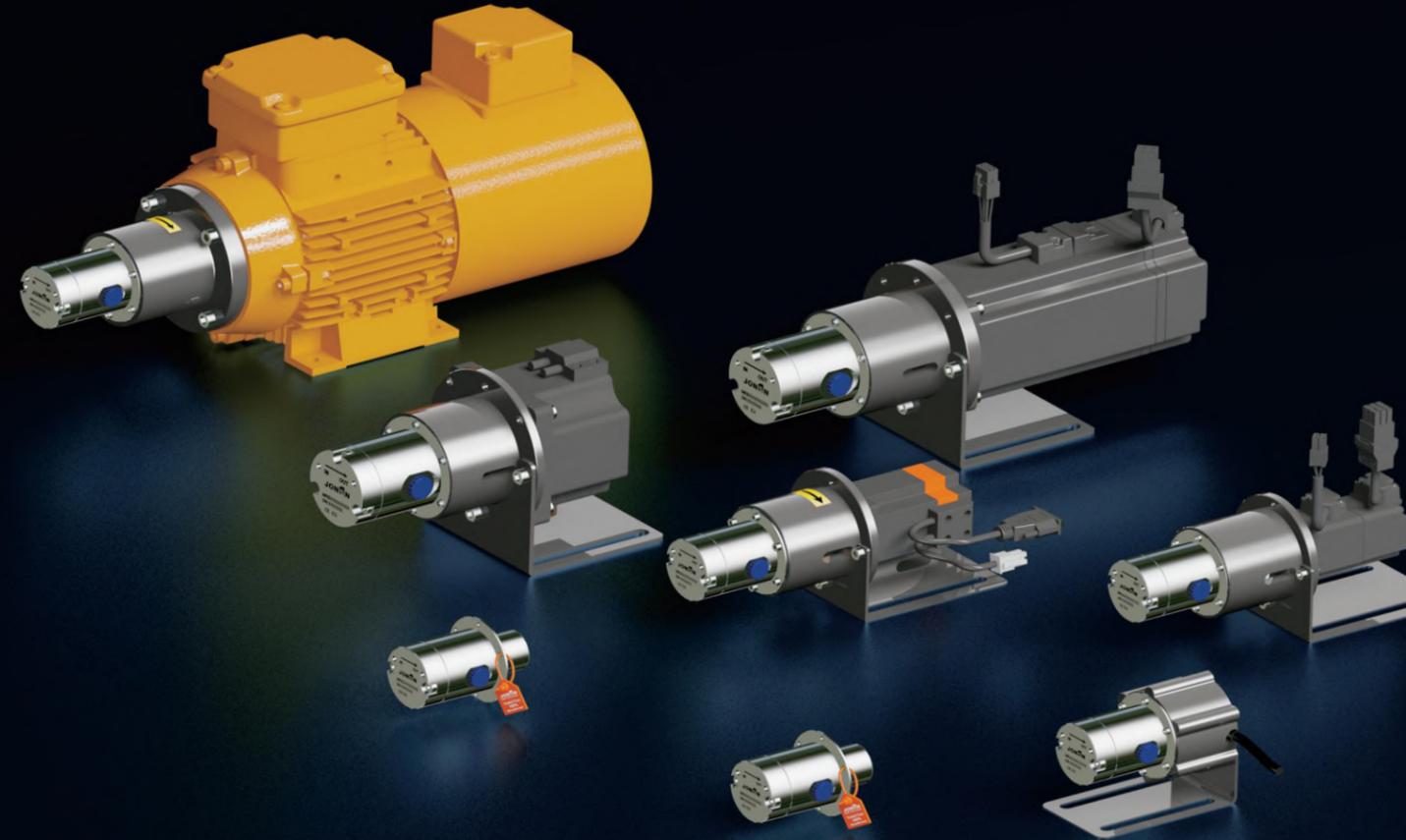




JONSN
MICRO GEAR PUMPS

JONSN
MICRO GEAR PUMPS



Attentively focusing on each high precision micro gear pumps is our initial aspiration

■ SHANGHAI JONSN FLUID EQUIPMENT CO.,LTD

Address: Room 403, Building 3, No.59 Jinma Rd,
Economic & Development District, Songjiang
Area, Shanghai, China

Tel: 021-34720020

Fax: 021-67689517

Website: www.jonsn.cn

Email: lijun@jonsn.cn

■ JONSN (GANZHOU) FLUID TECHNOLOGY CO., LTD

Address: Workshop 2, No. 6 Jingsan Rd,
Economic & Development District,
Ganzhou City, Jiangxi Province, China

Website: www.jonsn.com

Email: sales@jonsn.com (International department)

MIR

**PRECISION
MICRO GEAR PUMP**

ENTERPRISE PROFILE

Shanghai JONSN Fluid Equipment Co.,Ltd. was established in 2010. It is a company with world-renowned imported pumps as its technical background. It has two business divisions, namely the JONSN brand pump manufacturing division and the imported pump trading division. An excellent R&D and innovation team provides customers with fluid transportation solutions that integrate design, production and sales.

In 2019, Shanghai JONSN Fluid Equipment Co., Ltd. made a new plan to establish a new factory in the central region. In 2020, the new factory was officially settled in Ganzhou National Economic and Technological Development Zone. JONSN bucked the trend and formed a new technology development team, cooperated with foreign companies, adopted foreign advanced manufacturing technology and lean management, selected high-quality raw materials, designed and manufactured precision gear metering pumps with high cost performance, easy installation and maintenance.

TECHNOLOGY
PUMPS



DEVELOPMENT PATH



2010

Shanghai Jonsn was established. The company's core management has dozens of years of experience of European and the American imported gear pumps, magnetic pumps, barrel pumps, diaphragm pump, and special pump for high temperature, high pressure and corrosive industry etc.

2011

Jonsn has established its own R&D center of precision gear pumps. Started ERP management system. Designed the whole series of Jonsn barrel pumps, passed test and obtained the CE certification.

2012

Shanghai Jonsn Fluid Equipment Co., Ltd. changed from a trade-oriented company to a production-oriented enterprise. In the same year, Jonsn barrel pump series products were put into production one by one and sold to foreign markets. Jonsn precision micro gear pump design was completed at the same year.

2013

Jonsn precision micro gear pump prototype has passed the verification. Its design life and process parameters far exceed similar products in Europe and America. The company fully focused on the R&D, design and production of high-precision gear pumps.

2014

Jonsn micro gear pumps achieved mass production. And restarted the design of DX high viscosity gear pumps.

2015

The JONSN trademark has been registered successfully, and 2 invention patents and 7 utility model patents have been applied for. JONSN precision micro gear pump finalized mass production. Successfully applied and exported to European and American markets. Successfully signed Sinopec, CNOOC Tianjin Jereh and many other enterprises.

2016

DX series high-viscosity gear pump finalized production. In the same year, the company's gear pump performance achieved an annual output value of more than 30 million.

2017

Import product code tracking and traceability system. Started 6S on-site management system.

2018

The strategic positioning of the enterprise has been upgraded to "reliable high-quality pump supplier". Focus on quality control, achieve 100% factory test pass and make trustworthy good products.

2019

JONSN precision gear pump successfully obtained CE certification and applied to SCR exhaust gas treatment system in shipbuilding industry. Nippon Kaiji Kyokai staff passed the site inspection test, Jonsn obtained the "Class NK" license from Nippon Kaiji Kyokai. Become a fluid control system solution provider for the new energy lithium battery industry.

2020

Launch a new LOGO brand identity and brand concept. Focus on R&D and production of high-precision gear pumps. The new factory joint with the British Brontz Group officially settled in Ganzhou. The company started the research and development of DP series high viscosity gear metering pump.

2021 to present

Started the TUV Rheinland ISO9001 quality management system certification work. The first sample pump of DP series high-viscosity gear metering pump enters the test verification stage.

COOPERATIVE PARTNER



MR Series MR series precision magnetic gear pump	DP Series DP series medium and high viscosity precision gear metering pump	DX Series DX series high temperature and high viscosity gear metering pump	Acting Acting as an agent for BRONTZ internal gear pumps
------------------------------------------------------------	--------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	--------------------------------------------------------------------

			Look forward to working with you

HONORARY PATENT

We focus on the technical development of precision gear pumps. We are engaged in precision production. Skilled technology and craftsmanship are the main characteristics of our work. The birth of every Jonsn precision gear pump embodies the beauty of craftsmen. Their strict requirements for products and outstanding performance have contributed to the development of the company. Jonsn company has successively obtained 7 utility model patents. 2 invention patents. meanwhile we have obtained the German TÜV Rheinland ISO9001 quality management system certification, CE certification, ABS certification, BV certification, Nippon Kai Kyokai certification, etc.

MR SERIES MICRO GEAR PUMPS

1 Pulsation-free precise conveying

Positive displacement pumps provide continuous and accurate fluid delivery through gears. When used with servo or stepper motors, the delivery accuracy can reach $\pm 0.5\%$.

2 Strong vacuum suction high conveying pressure, stable

Realize low viscosity liquid transfer under medium high pressure.

3 No leakage

Magnetic drive and static O-ring seal can ensure that the medium in the pump is isolated from the outside world.

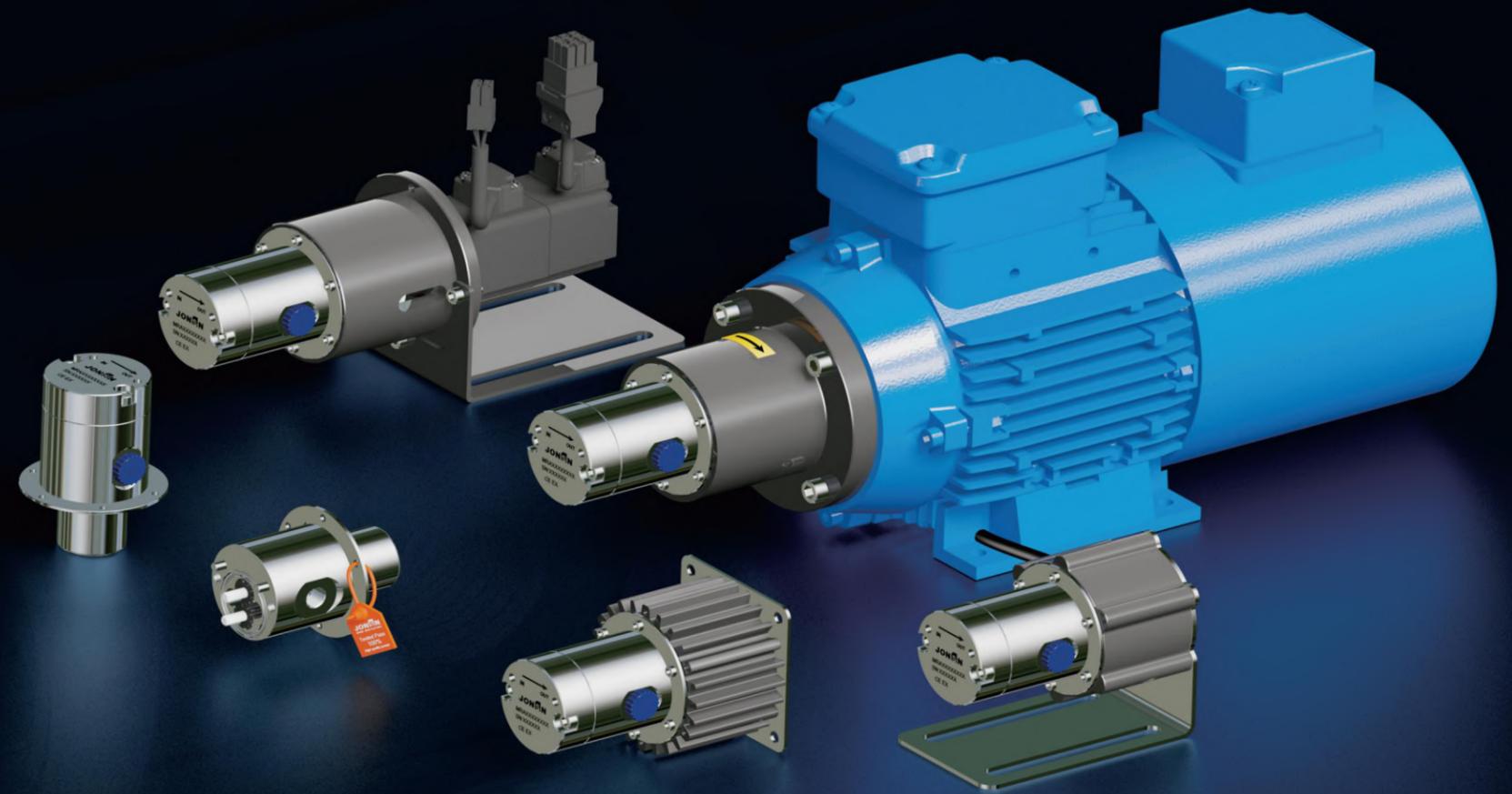
4 Excellent workmanship, modular design

The whole series of gear shafts adopt specially modified PEEK material + heat treatment process + high-strength zirconia ceramics. It has been tested and verified to maintain high linearity after 2 hours of idling (dry running) under extreme conditions.

5 Selection specialization

Thousands of micro gear pumps application experience help to accumulate a large amount of experimental data, professional selection and evaluation help you to formulate ideal solutions and reduce risks.

With dozens years of technology accumulating, Jonsn gear pumps have grown up to be the key control device for on-line transport in high end manufacturing industries.



Performance parameter

Flow range	0.001 - 64L/min
Inlet pressure	-0.98 - 25bar
Differential pressure	0 - 25.5 bar Depends on material viscosity
Temperature	-40 - 160°C Other temperatures can be customized
Viscosity range	0.4 - 3000cps
Maximum density	1.8
Motor can be equipped	AC motors, Brushless DC, Servo Frequency conversion explosion-proof motor
Import and export thread	NPT1/8、NPT1/4、NPT3/8、NPT1/2、NPT3/4 or G1/8、G1/4、G3/8、G3/4
Non-standard customization	OEM mechanical equipment matching servo system customization

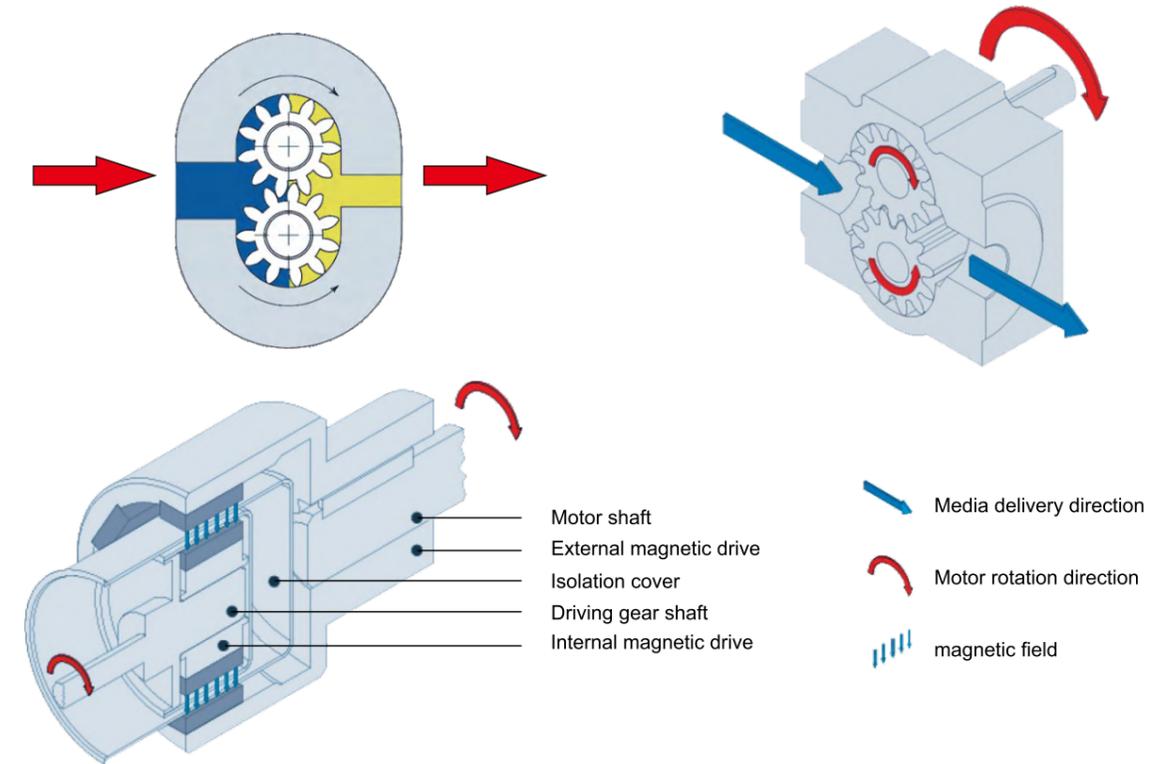
Theoretical flow

Pump		Motor speed (rpm)				
Order No	Size	750	960	1450	2850	3300
MRA5/13	1/8	0.150	0.192	0.290	0.570	0.660
MRA7/13		0.293	0.374	0.566	1.112	1.287
MRA10/13		0.450	0.576	0.870	1.710	1.980
MRA12/13		0.525	0.672	1.015	1.995	2.310
MRB10/16	1/4	0.750	0.960	1.450	2.850	3.300
MRB12/16		0.900	1.152	1.740	3.420	3.960
MRB17/16		1.275	1.632	2.465	4.845	5.610
MRB19/16		1.425	1.824	2.755	5.415	6.270
MRC15/22	3/8	1.800	2.304	3.480	6.840	
MRC20/22		2.625	3.360	5.075	9.975	
MRC8/37		3.000	3.840	5.800	11.400	
MRC12/37		4.500	5.760	8.700	17.100	
MRD25/30	1/2	5.250	6.720	10.150	19.950	
MRE18/37	3/4	6.750	8.640	13.050	25.650	
MRE24/37		9.000	11.520	17.400	34.200	
MRE34/37		12.750	16.320	24.650	48.450	
MRF34/39		1 1/4	16.500	21.120	31.900	62.700

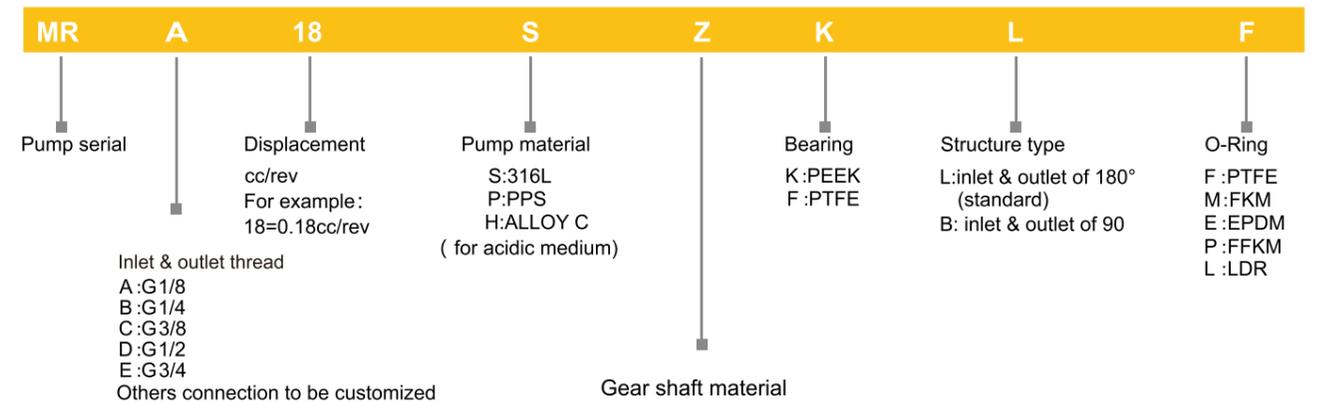
Theoretical flow (L/min)

Note: The above flow data is tested with water as the medium and no pressure at the pump outlet. Due to the gap loss of the gear rotation, the actual flow will vary according to the medium viscosity, pressure and motor speed. The test data tells us: When medium viscosity and pressure difference keep unchanged, as long as the motor speed is stable, the flow is stable. The flow rate depends on the motor output speed and outlet pressure. So it is vital to choose a high effective, stable motor. Users who use precision gear pumps for the first time can download our company's selection data sheet and tell us the relevant parameters. We have professional pump and motor selection software and application experience of tens of thousands of pumps. We will provide a detailed selection report of the pump, we are able to customize a professional system solution for you. For details, please consult the sales staff.

COMPLETELY SOLVE THE MEDIUM LEAKAGE MAGNETIC GEAR PUMPS



Configuration code



Z: Gear PEEK + Nano-ceramic shaft (for low viscosity non-abrasive media)
Standard
K: Gear PEEK + shaft 316 (for neutral low viscosity non-abrasive media)
C: Nano-ceramic (for low viscosity fine particle abrasive media)
S: Alloy (for medium with better lubricity)

PRODUCT APPLICATION INDUSTRY

MR series precision micro magnetic gear pump is applicable for: liquid micro-transfer, adding, lubricating, spraying, dispensing, sampling, coding, boosting, circulating, coating, painting, metering and other delivery systems.

It is applicable to automation and process control systems, micro-transfer system, circulating booster systems, automatic feeding(dosing)system, chip processing equipment, laboratory equipment, cooling systems(refrigerant circulating pump), foundry machinery, packing machinery, cleaning system, additive adding system, chemical metering system, and small test/pilot plant, etc, where request small flow, pulsation free, high linearity, high pressure differential, 0 leakage, precision metering and stable flow rate.

Small flow	High pressure	High linearity
Accurate measurement	Pulsation-free delivery	



Semiconductor electronics industry



Biopharmaceutical industry



Fine chemical industry



Machinery industry



Cosmetics industry

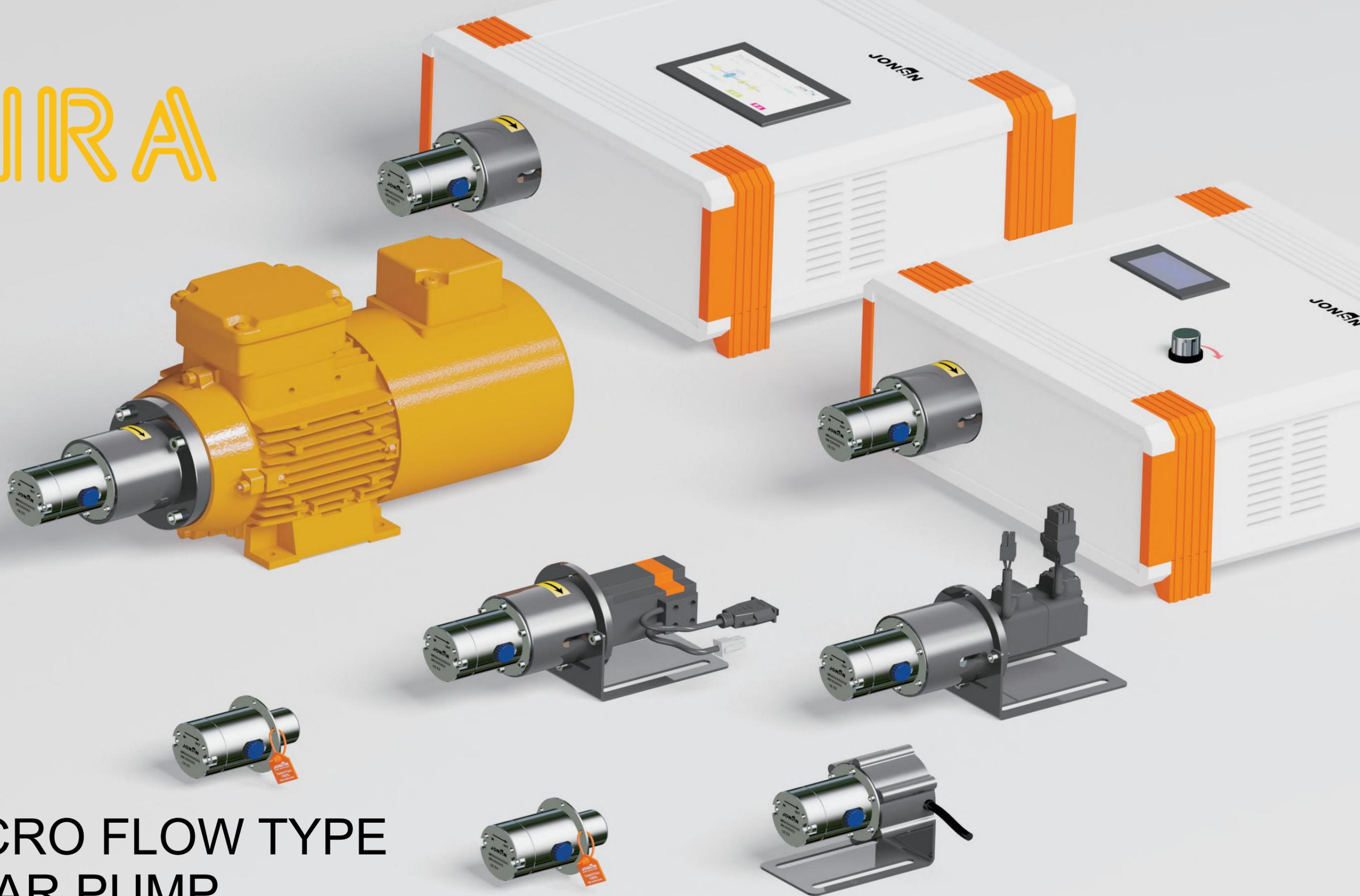


Food processing industry

Various fluid media transported

- Sodium hydroxide
- Tetrahydrofuran
- White oil
- Flux
- Methanol
- Deionized water
- Glycerol
- Diisocyanate
- Butyl lithium
- kerosene
- NMP
- Hydrogen Peroxide
- Dichloromethane
- Ink
- Emollients
- Pyridine
- Polyols, polymers
- Adhesives
- Paraffin oil
- Pure water transport
- Ethylene glycol
- Urea

MIRA



MICRO FLOW TYPE GEAR PUMP

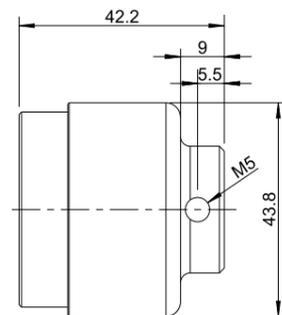
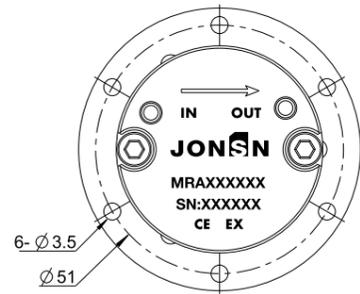
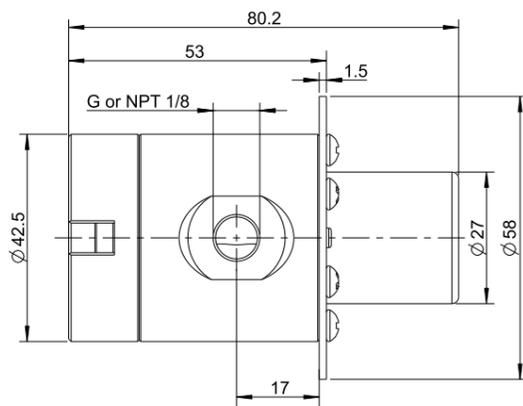


MRA

MICRO GEAR PUMPS

Micro flow type

Resolvable working conditions
 Flow rate 100-2000ml/min
 Working pressure difference: 0.5-25bar
 Viscosity 0.4-3000m.Pas (approximate to water)



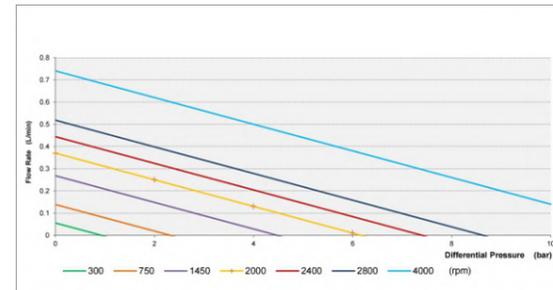
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Pumps order NO.	MRA pumps head uniform dimensions
MRA 5/13	
MRA 7/13	
MRA 10/13	
MRA 12/13	

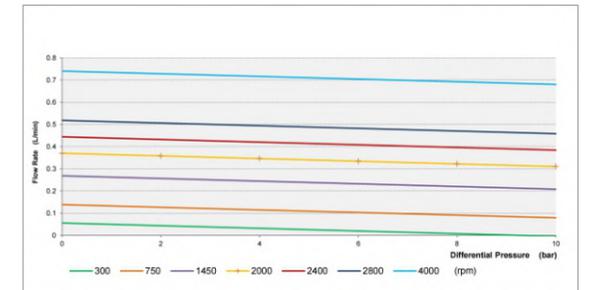
Performance curve

Realize the flow rate adjustable with high linearity by adjusting the motor speed.

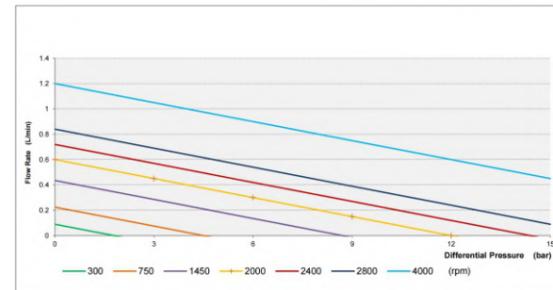
Pump Head MRA 5/13
 Measured with water 1 mPas & 40°C



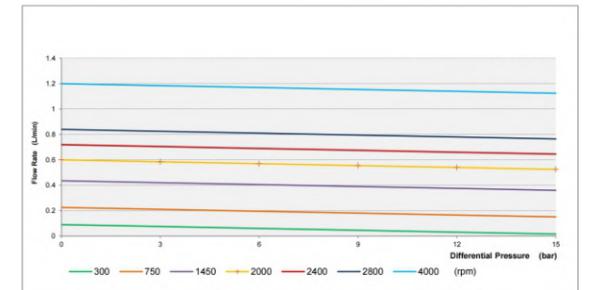
Pump Head MRA 5/13
 Measured with oil 100 mPas & 40°C



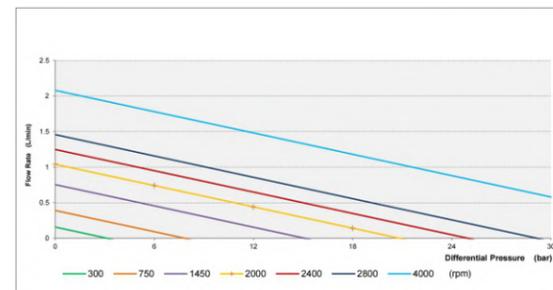
Pump Head MRA 7/13
 Measured with water 1 mPas & 40°C



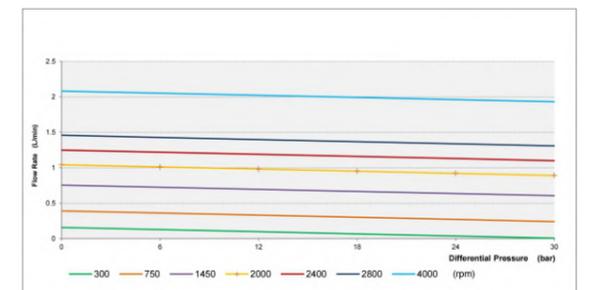
Pump Head MRA 7/13
 Measured with oil 100 mPas & 40°C



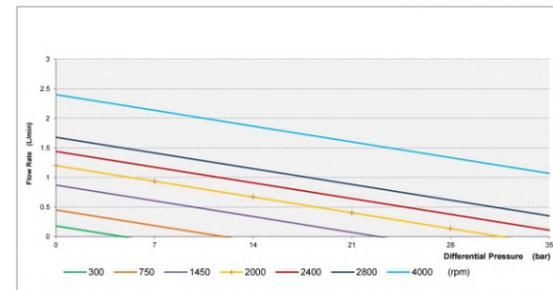
Pump Head MRA 10/13
 Measured with water 1 mPas & 40°C



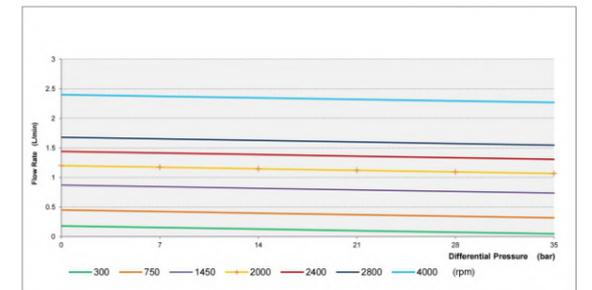
Pump Head MRA 10/13
 Measured with oil 100 mPas & 40°C



Pump Head MRA 12/13
 Measured with water 1 mPas & 40°C

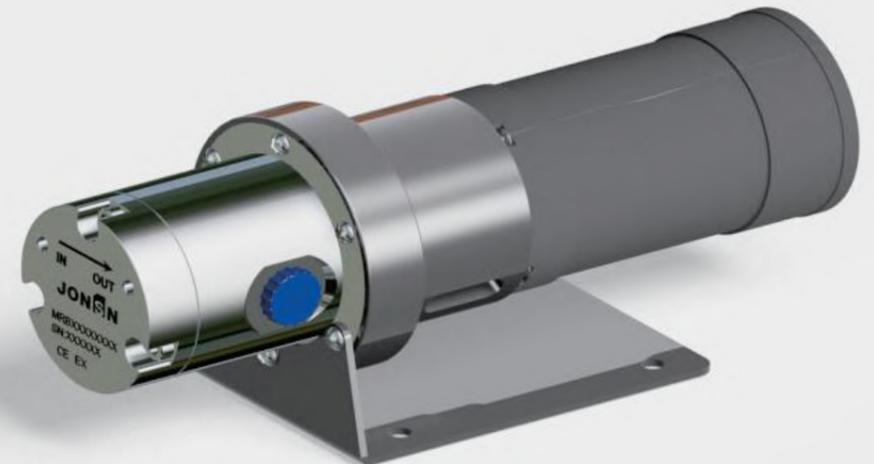
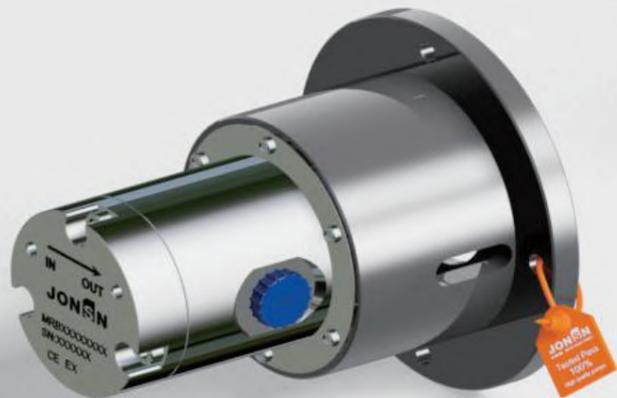
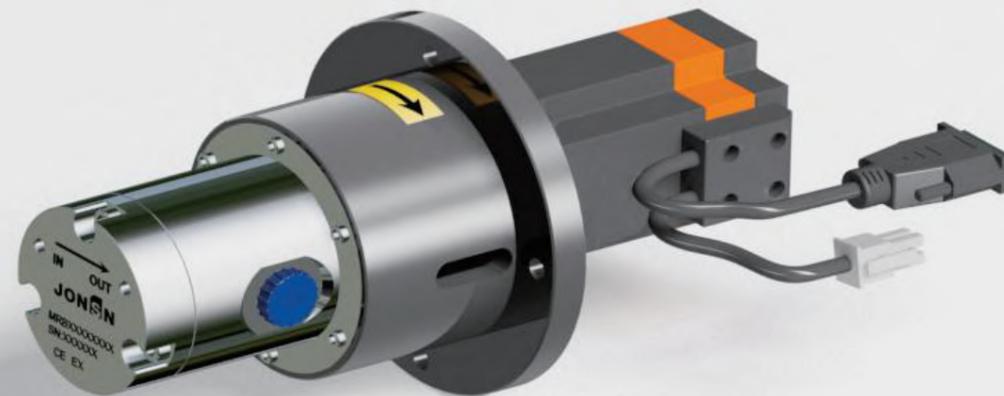
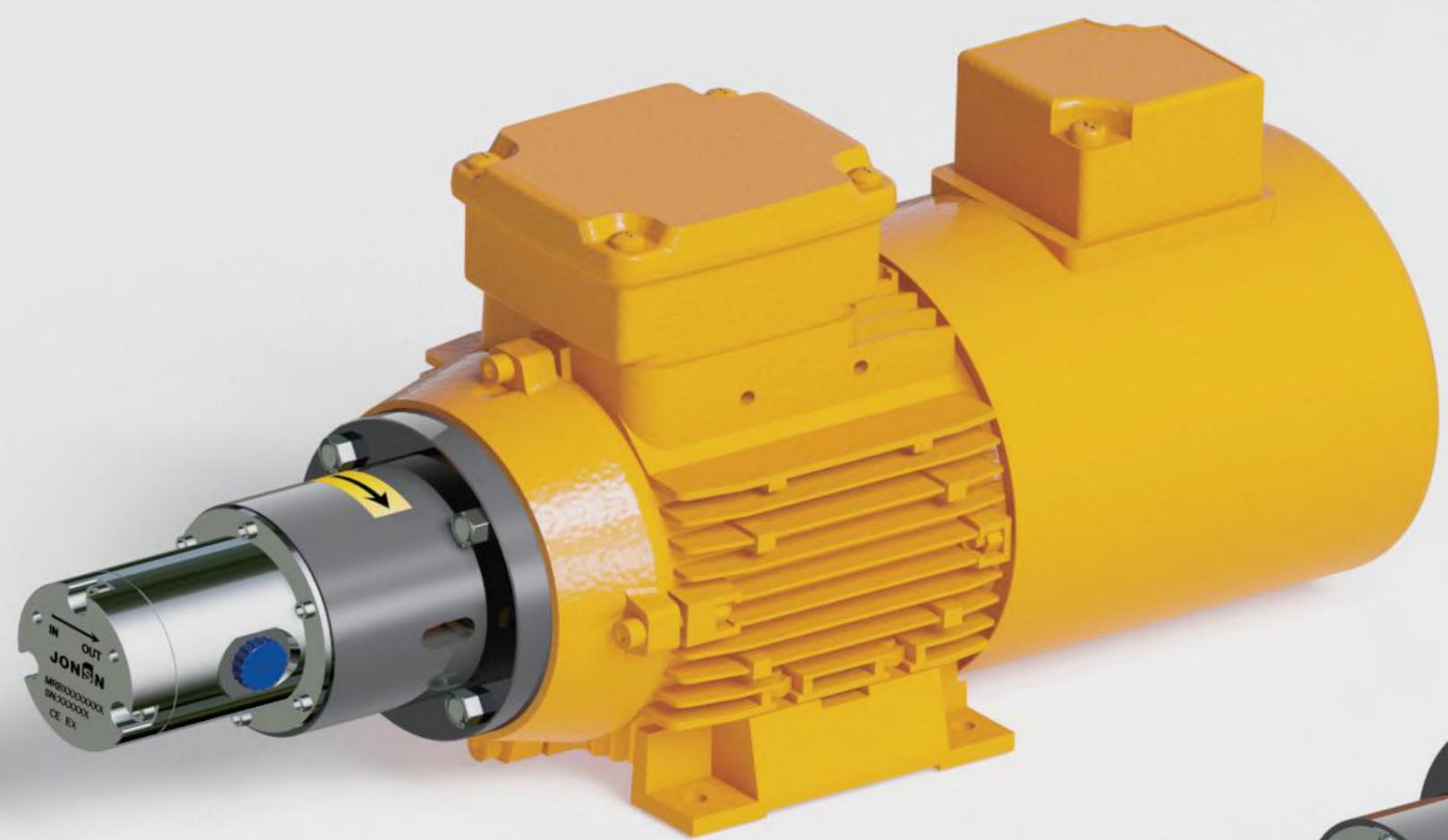


Pump Head MRA 12/13
 Measured with oil 100 mPas & 40°C



MIR B

SMALL FLOW TYPE GEAR PUMP



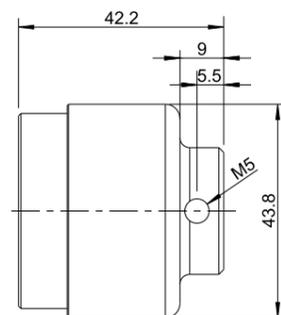
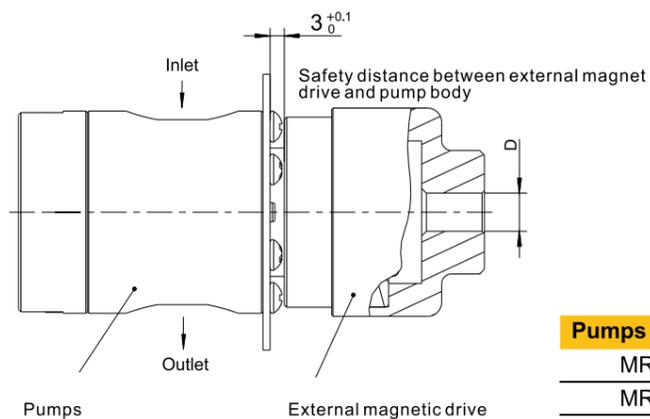
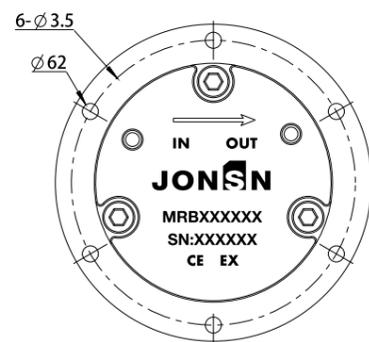
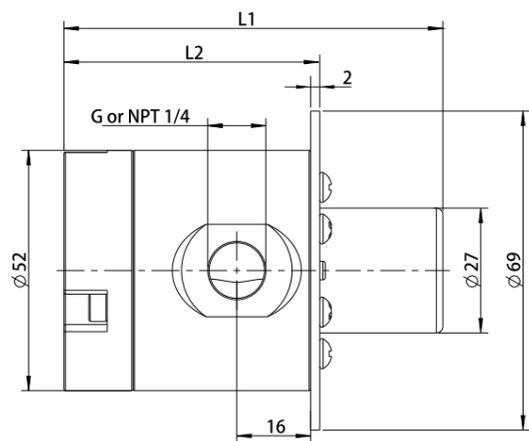
MRB

MICRO GEAR PUMPS

Small flow type



Resolvable working conditions
 Flow 400-4800ml/min
 Working pressure difference: 0.5-25bar
 Viscosity 0.4-3000m.Pas (approximate to water)



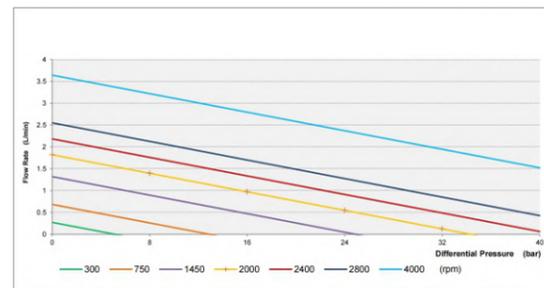
D
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Pumps order NO.	L1	L2
MRB 10/16	82.2	55.5
MRB 12/16		
MRB17/16	87.2	60.5
MRB19/16		

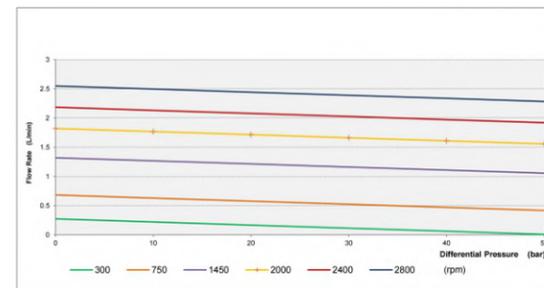
Performance curve

Realize the flow rate adjustable with high linearity by adjusting the motor speed.

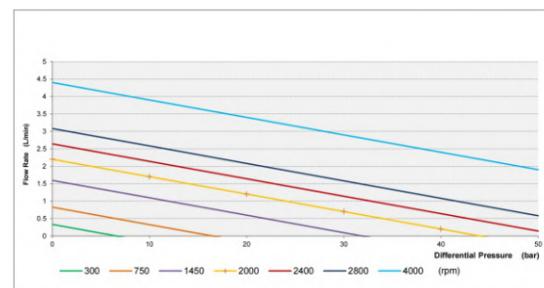
Pump Head MRB 10/16
 Measured with water 1 mPas & 40°C



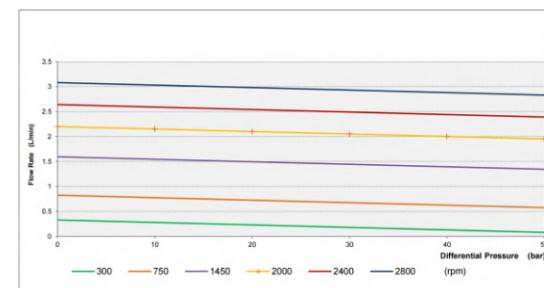
Pump Head MRB 10/16
 Measured with oil 100 mPas & 40°C



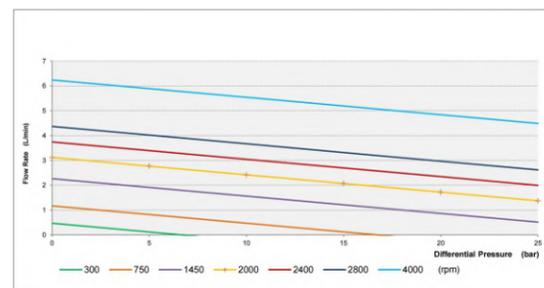
Pump Head MRB 12/16
 Measured with water 1 mPas & 40°C



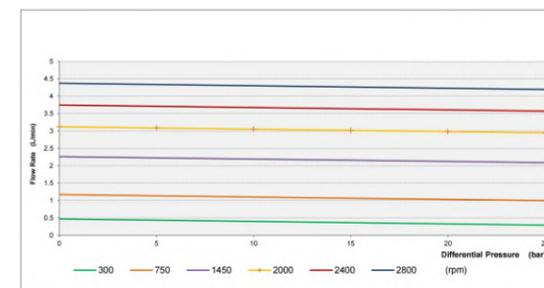
Pump Head MRB 12/16
 Measured with oil 100 mPas & 40°C



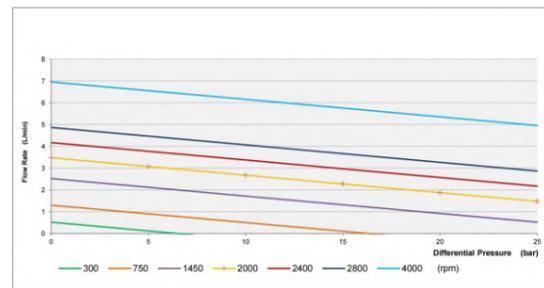
Pump Head MRB 17/16
 Measured with water 1 mPas & 40°C



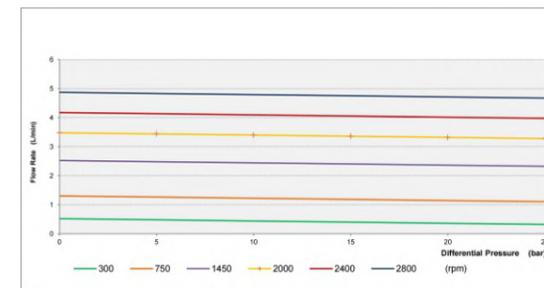
Pump Head MRB 17/16
 Measured with oil 100 mPas & 40°C



Pump Head MRB 19/16
 Measured with water 1 mPas & 40°C

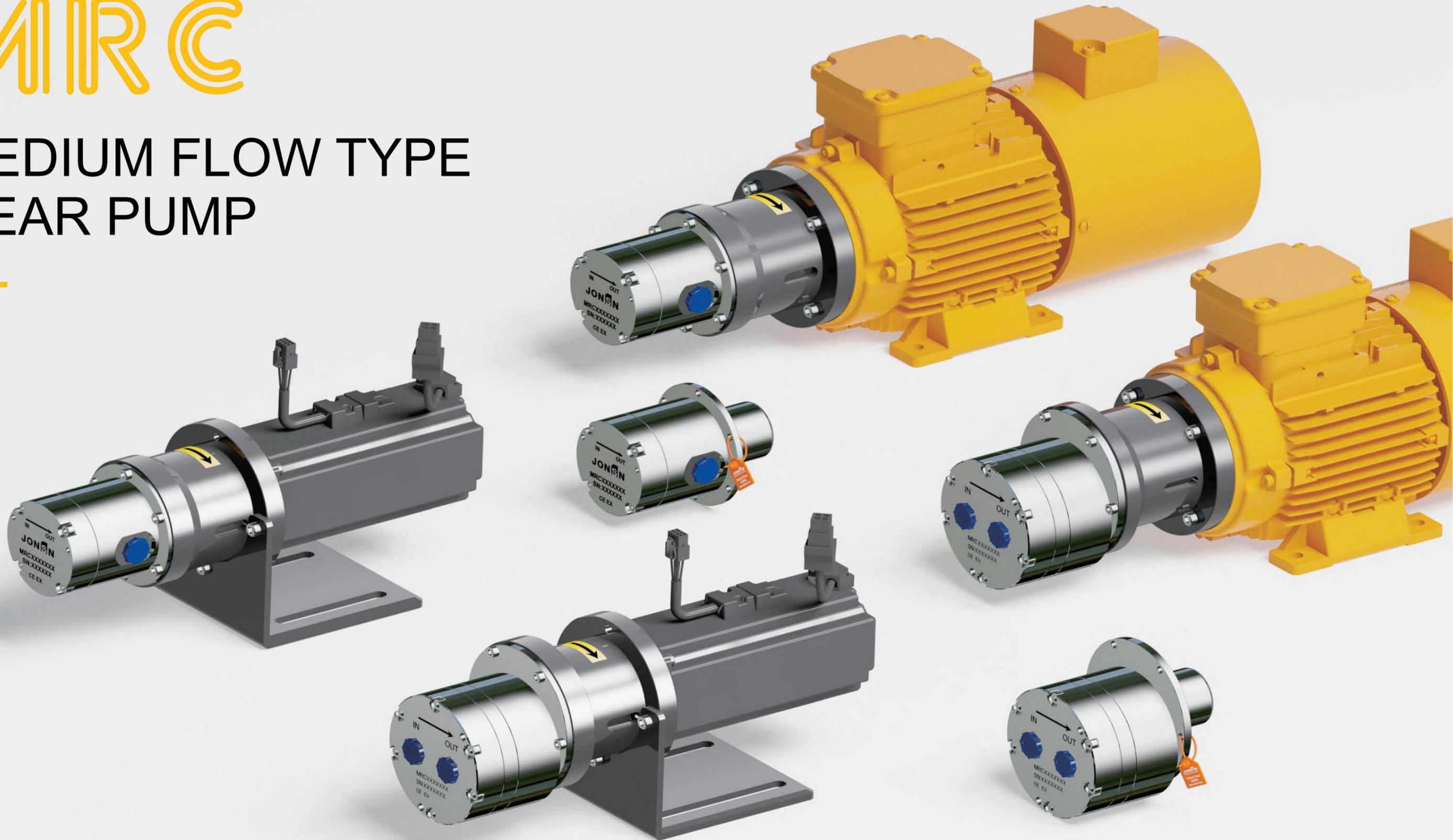


Pump Head MRB 19/16
 Measured with oil 100 mPas & 40°C





MEDIUM FLOW TYPE GEAR PUMP



MRC MICRO GEAR PUMPS

Medium flow type
MRC15/22
MRC20/22

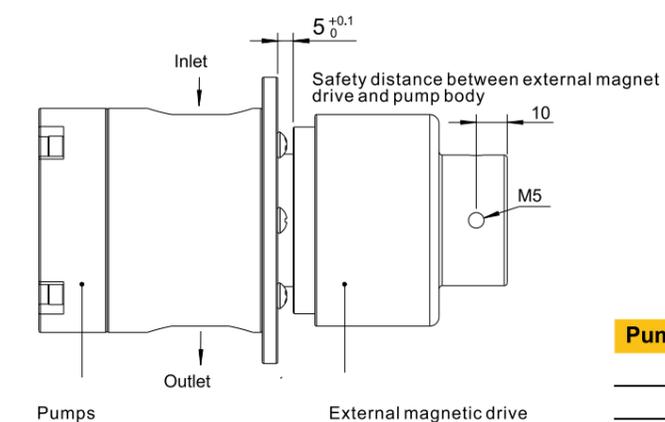
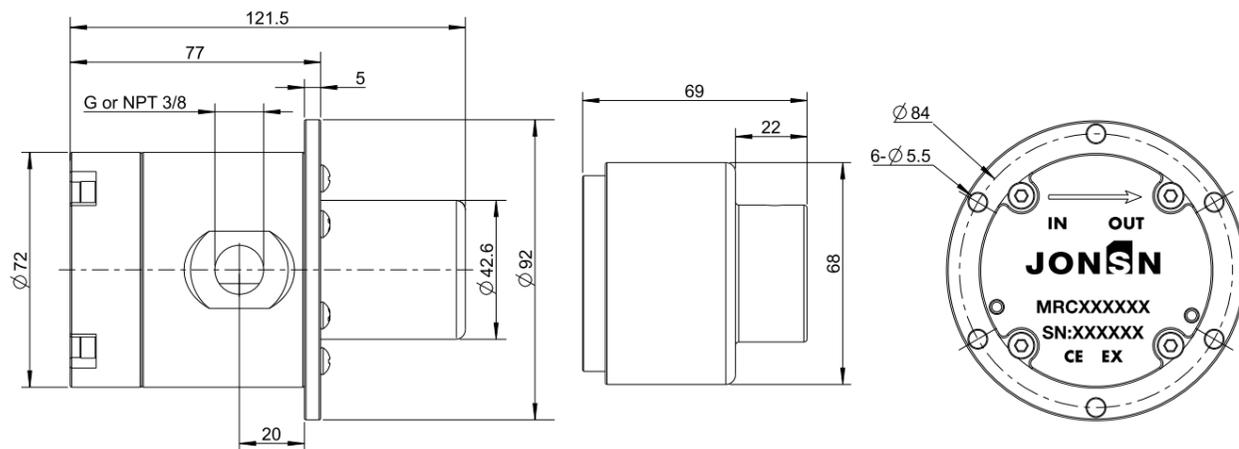
Resolvable working conditions
Flow 0.8-14L/min
Working pressure difference: 0.5-25bar
Viscosity 0.4-3000m.Pas (approximate to water)



MRC MICRO GEAR PUMPS

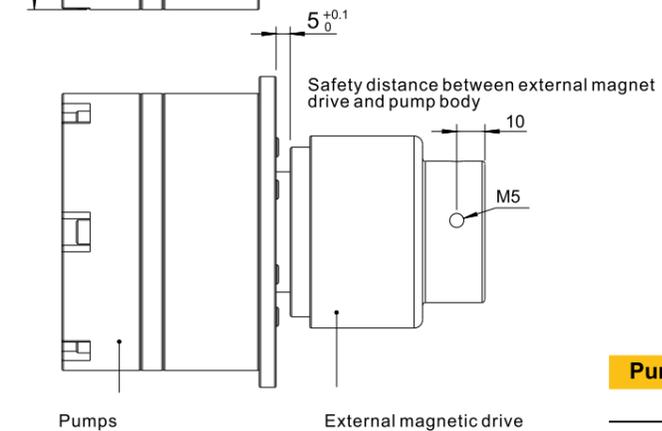
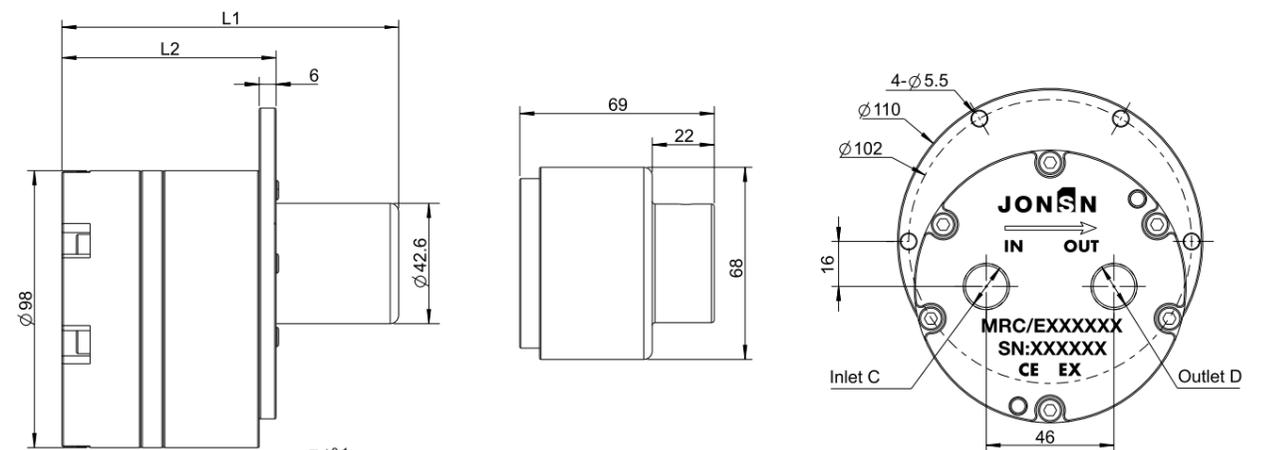
Medium flow type
MRC8/37
MRC12/37

Resolvable working conditions
Flow 0.8L-14L/min
Working pressure difference 0.5-25bar
Viscosity 0.4-3000m.Pas (approximately water)



Pumps order NO.	Pumps head uniform dimensions	
MRC 15/22		
MRC 20/22		

D	H	T
14	17	5
19	22.5	6
24	28	8
28	32	8



Pumps order NO.	L1	L2	C	D
MRC 8/37	119.5	75.5	G or NPT 3/8	
MRC 12/37				

D	H	T
14	17	5
19	22.5	6
24	28	8
28	32	8

MICRO GEAR PUMPS

MRC15/22
MRC20/22



Performance curve

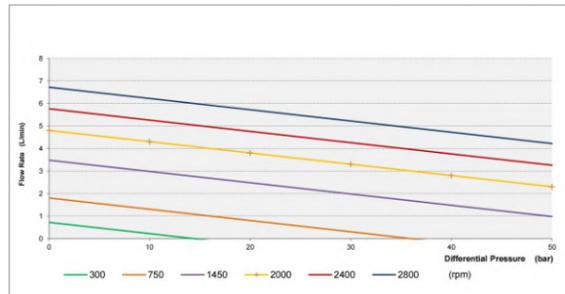
MICRO GEAR PUMPS

MRC8/37
MRC12/37

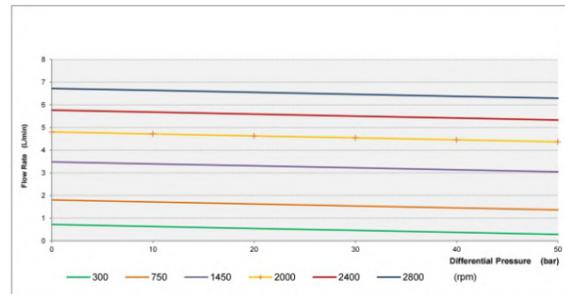


Performance curve

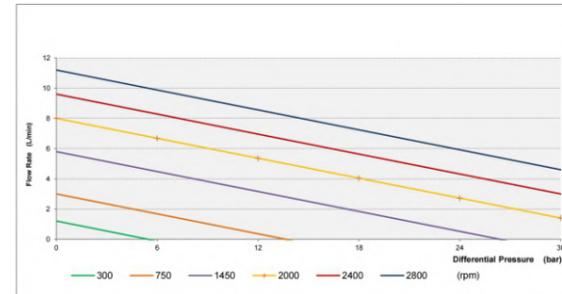
Pump Head MRC 15/22
Measured with water 1 mPas & 40°C



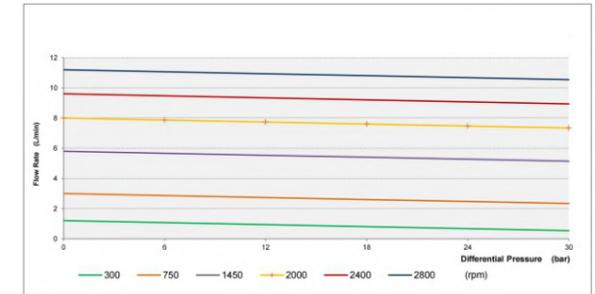
Pump Head MRC 15/22
Measured with oil 100 mPas & 40°C



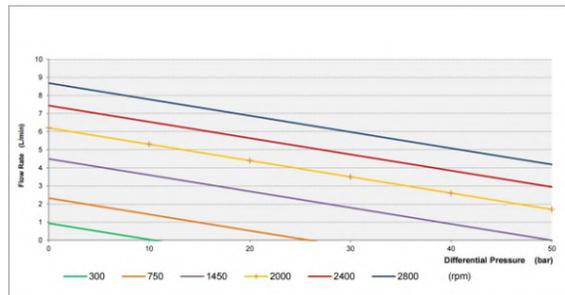
Pump Head MRC 8/37
Measured with water 1 mPas & 40°C



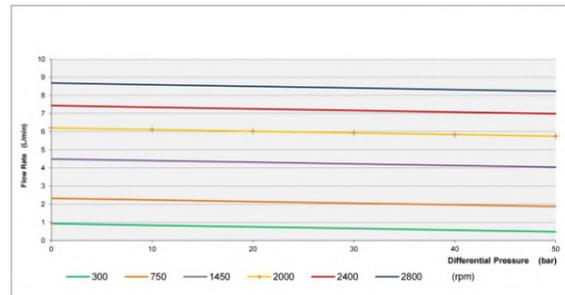
Pump Head MRC 8/37
Measured with oil 100 mPas & 40°C



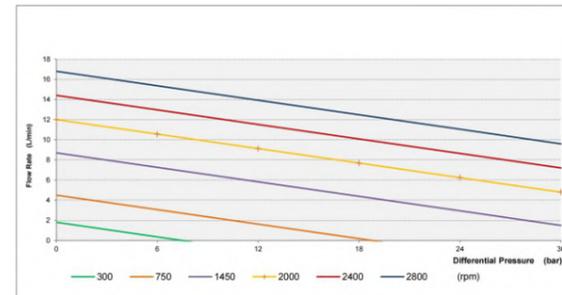
Pump Head MRC 20/22
Measured with water 1 mPas & 40°C



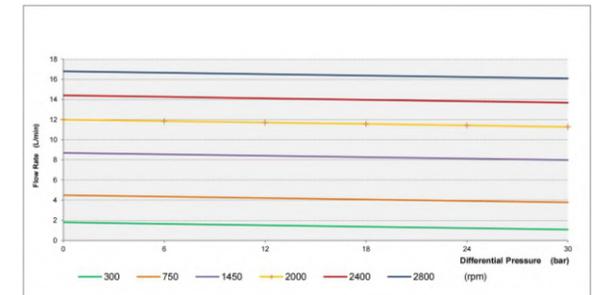
Pump Head MRC 20/22
Measured with oil 100 mPas & 40°C



Pump Head MRC 12/37
Measured with water 1 mPas & 40°C

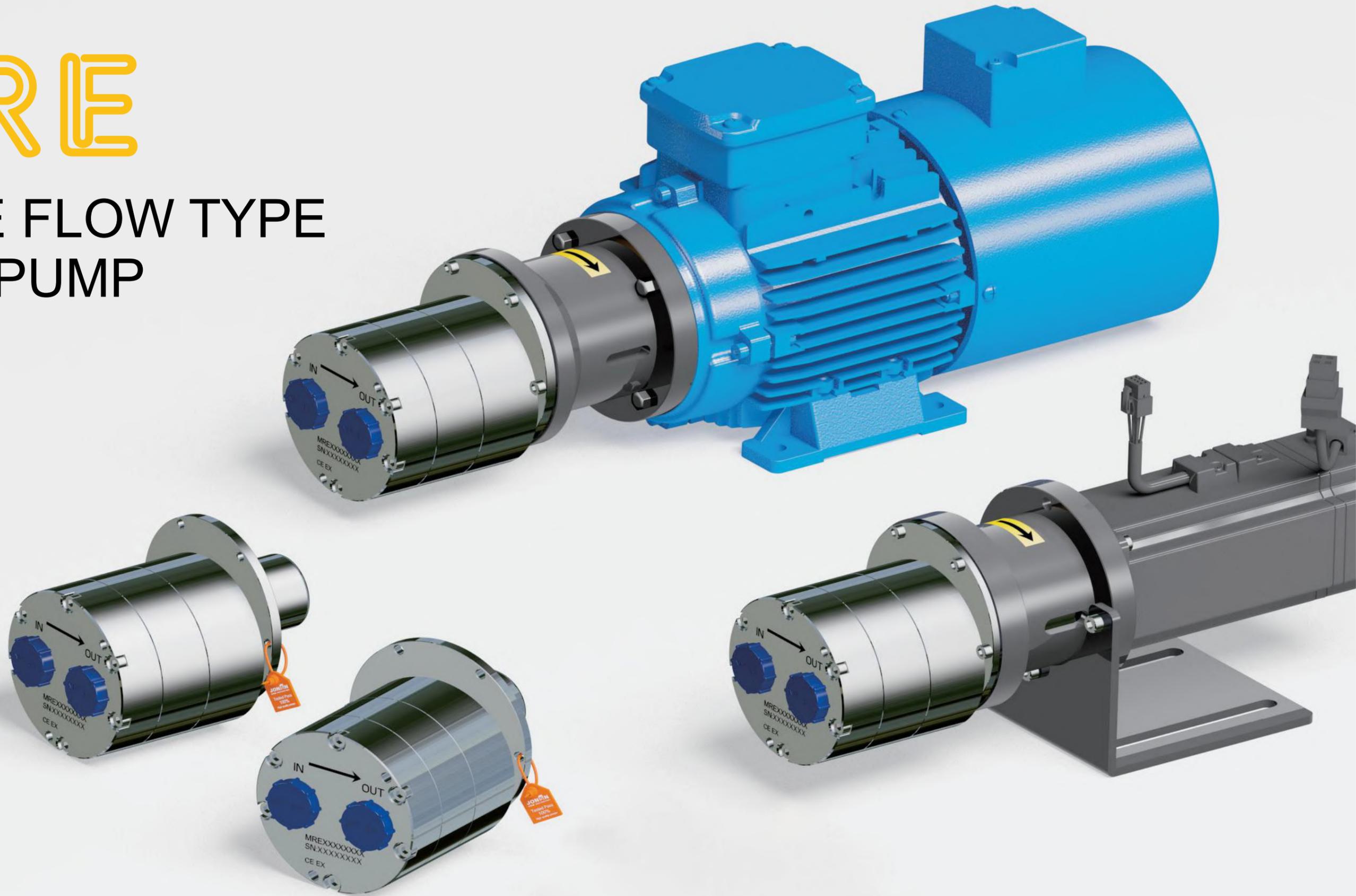


Pump Head MRC 12/37
Measured with oil 100 mPas & 40°C



MIRE

LARGE FLOW TYPE GEAR PUMP

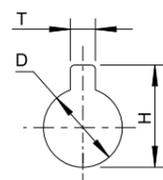
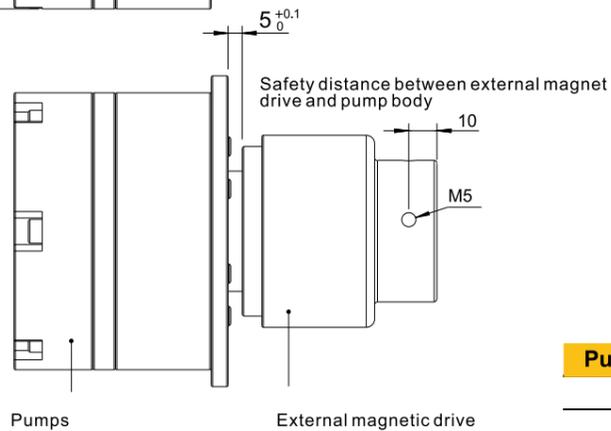
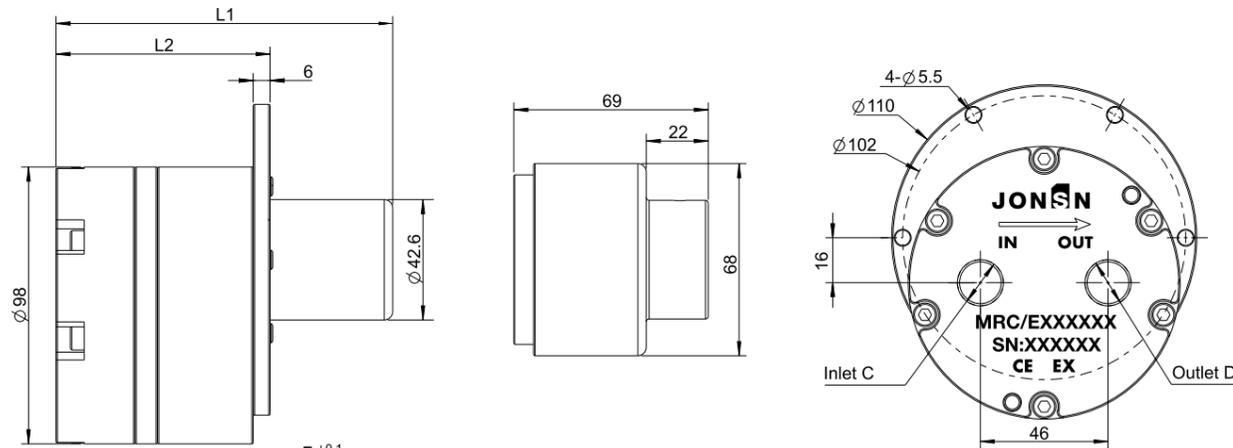


MRE MICRO GEAR PUMPS

Large flow type



Resolvable working conditions
 Flow rate 4-48L/min
 Working pressure difference: 0.5-25bar
 Viscosity 0.4-3000m.Pas (approximate to water)



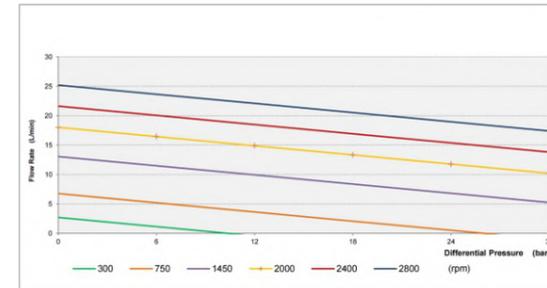
D	H	T
14	17	5
19	22.5	6
24	28	8
28	32	8

Pumps order NO.	L1	L2	C	D
MRE 18/37	141.5	98.5	G or NPT 3/4	
MRE 24/37				
MRE 34/37				

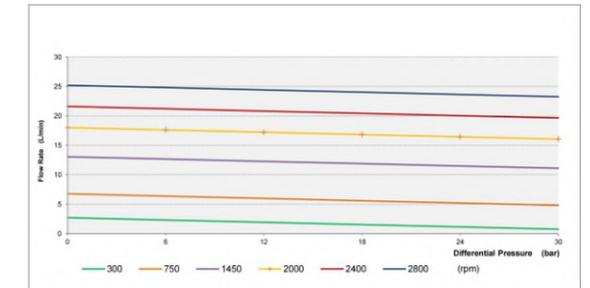
Performance curve

Realize the flow rate adjustable with high linearity by adjusting the motor speed.

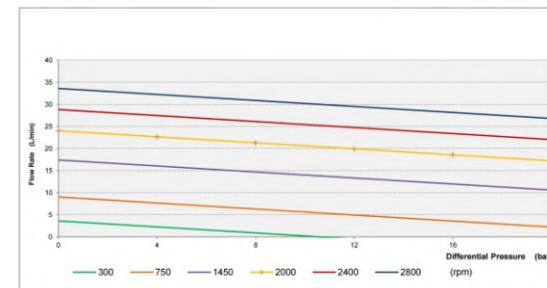
Pump Head MRE 18/37
 Measured with water 1 mPas & 40°C



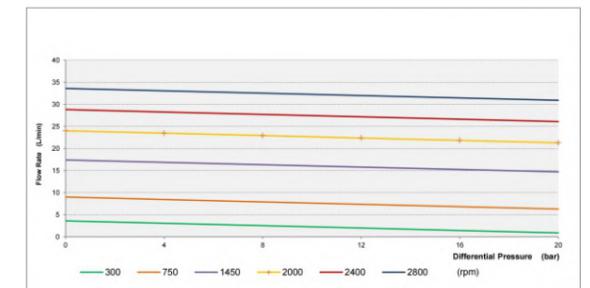
Pump Head MRE 18/37
 Measured with oil 100 mPas & 40°C



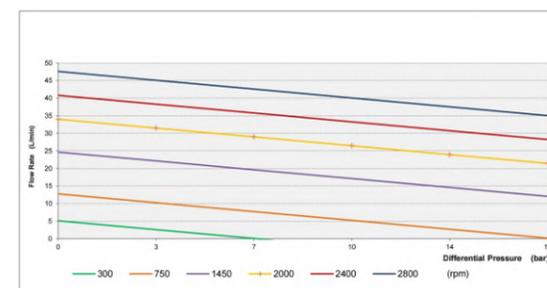
Pump Head MRE 24/37
 Measured with water 1 mPas & 40°C



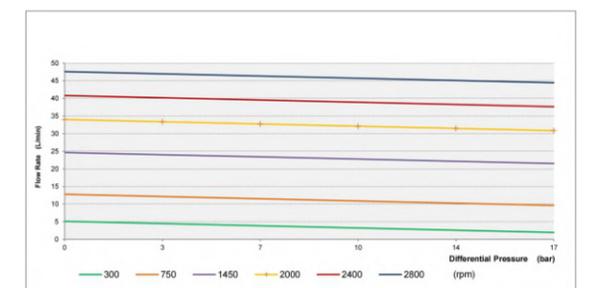
Pump Head MRE 24/37
 Measured with oil 100 mPas & 40°C



Pump Head MRE 34/37
 Measured with water 1 mPas & 40°C

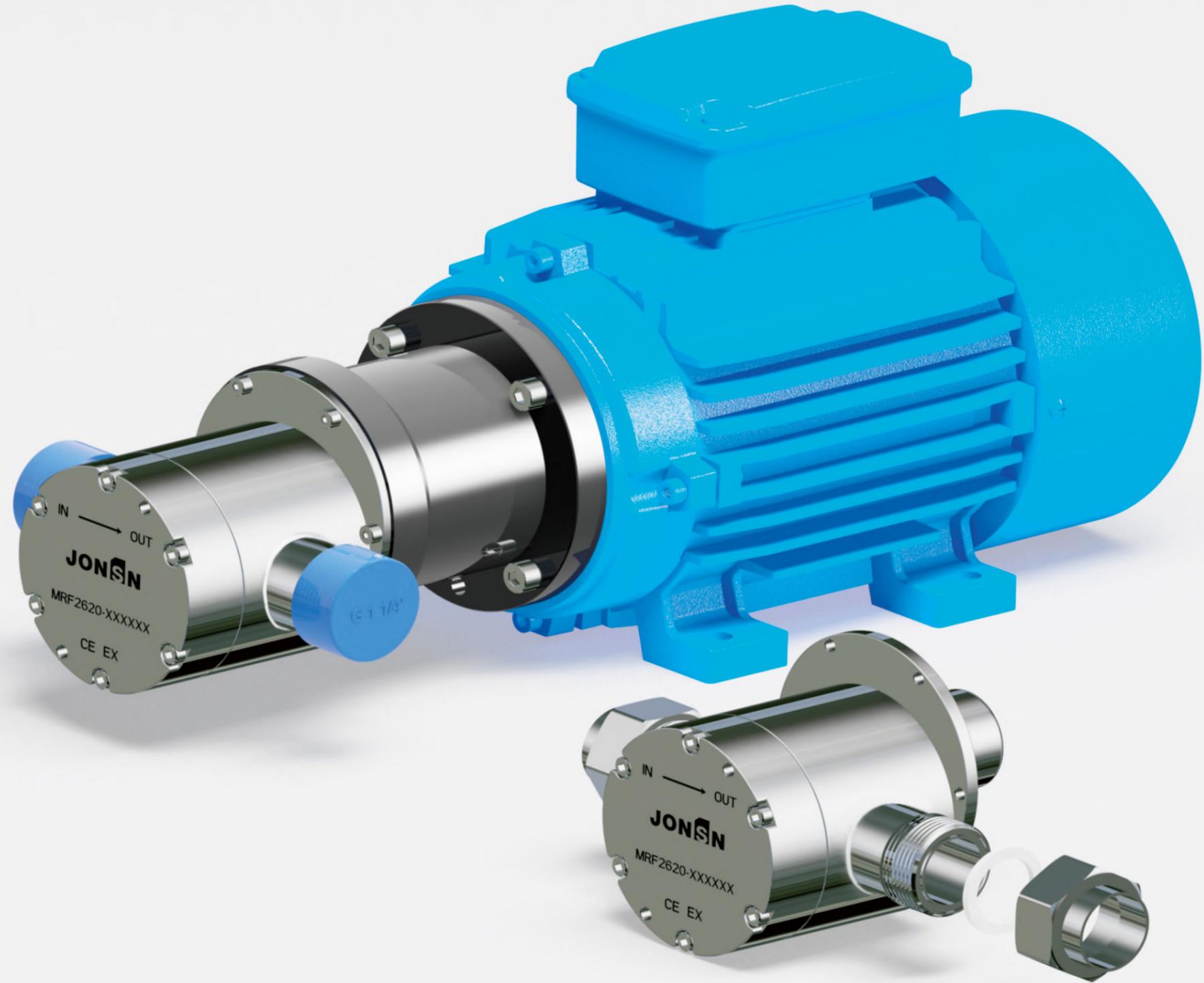


Pump Head MRE 34/37
 Measured with oil 100 mPas & 40°C



MRF

LARGE FLOW TYPE GEAR PUMP



MRF MICRO GEAR PUMPS

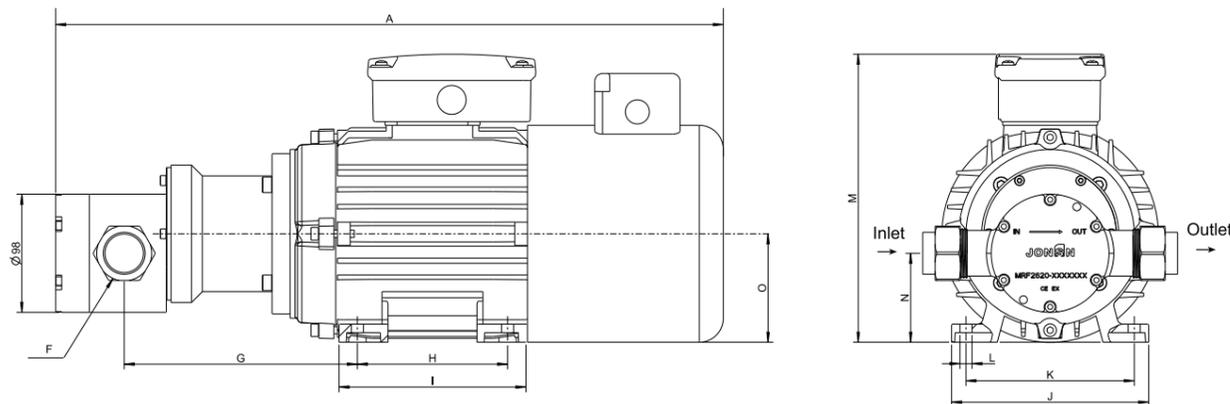
大流量型
Large flow type



Resolvable working conditions

Flow rate 8L-64L/min
Working pressure difference 0.5-14.5bar
Viscosity 0.4-3000m.Pas (approximately water)

MRF IEC Motor 2.2-3Kw 90L 100L B34

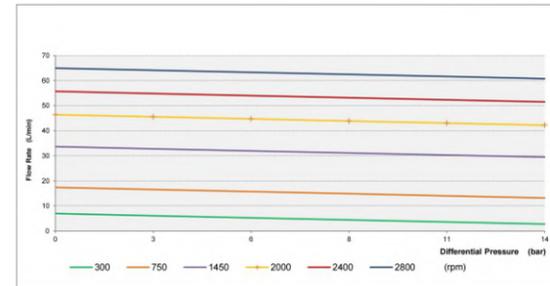


Pumps order NO.	A	F	G	H	I	J	K	L	M	N	O	Q
MRF34/39-90L	~556	2-G11/4'	194	125	156	160	140	4-Φ10	~240	74	90	~212
MRF34/39-100L	~605	2-G11/4'	211	140	173	188	160	4-Φ12	~275	83.8	100	~212

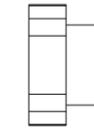
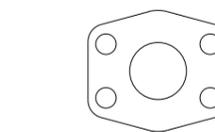
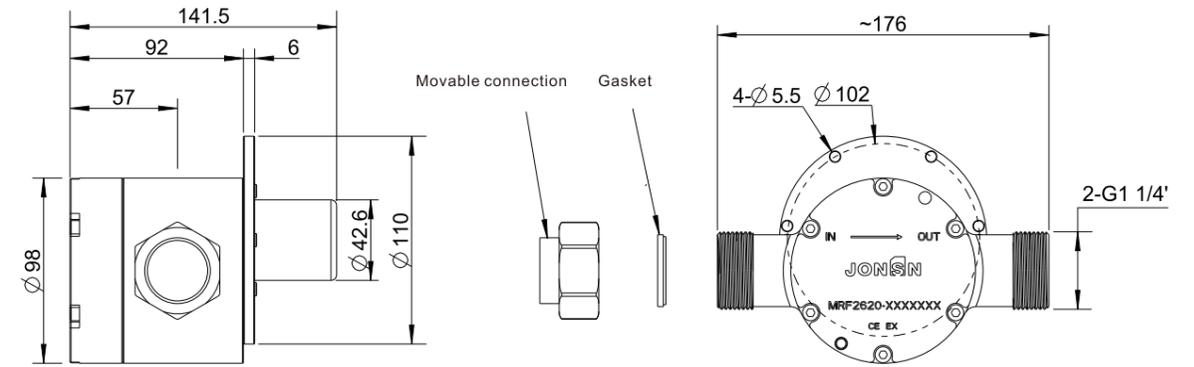
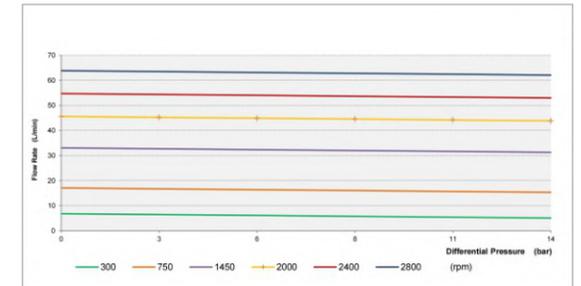
Performance curve

Realize the flow rate adjustable with high linearity by adjusting the motor speed.

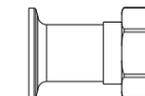
Pump Head MRF 34/39
Measured with water 1 mPas & 40°C



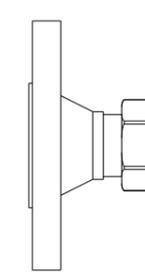
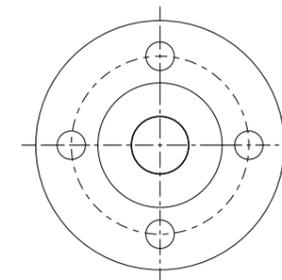
Pump Head MRF 34/39
Measured with oil 100 mPas & 40°C



SAE Connection



Sanitary Connection

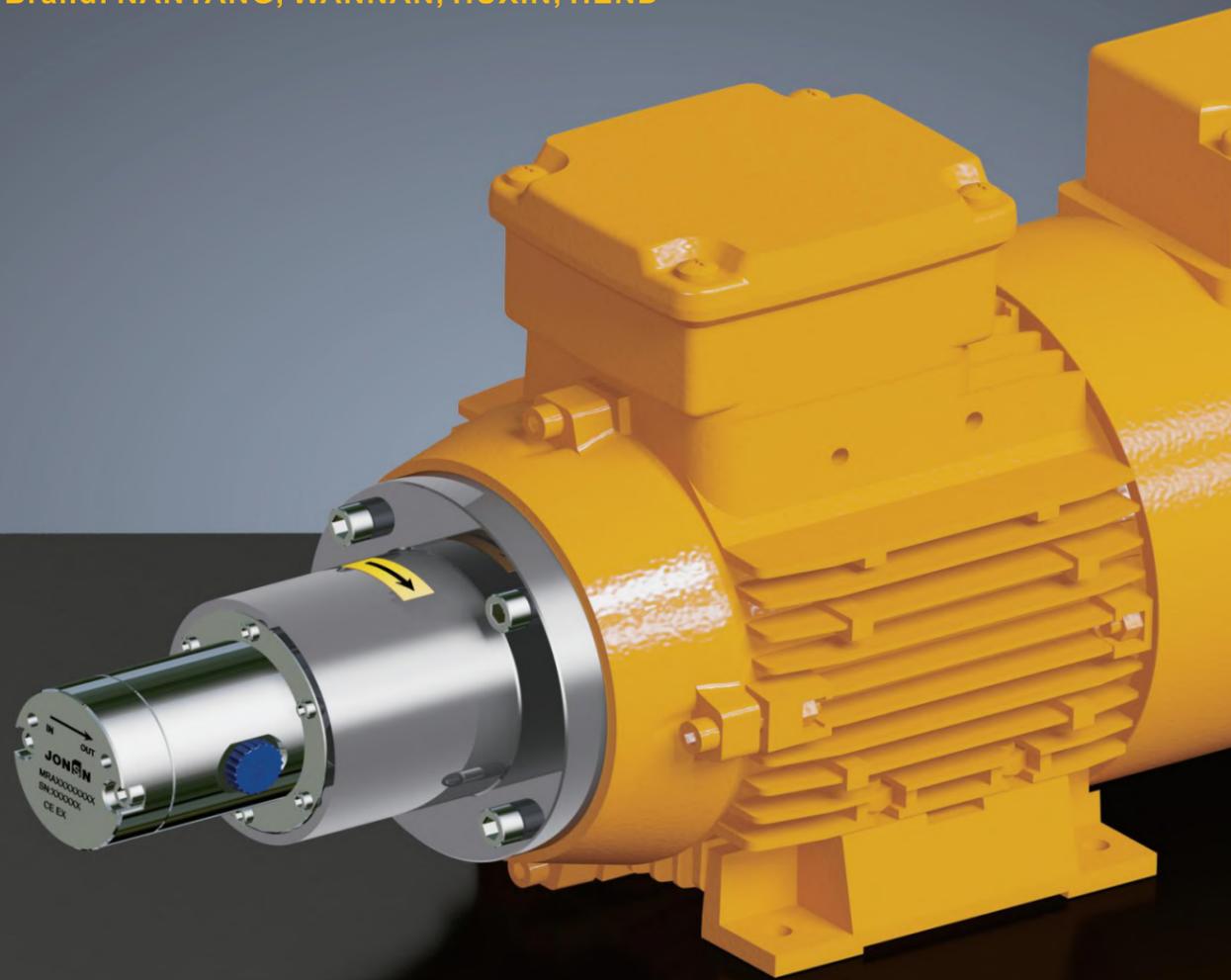


Flange Connection

MRA-MRB IEC

MRA / MRB & IEC Motor

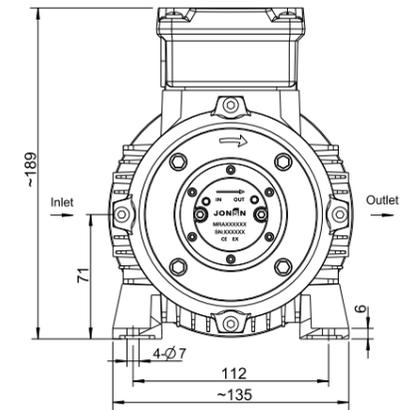
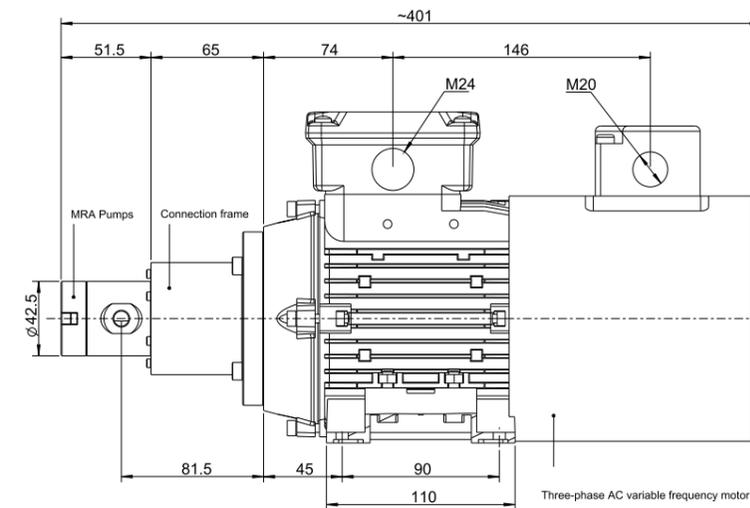
Standard : ABB Variable frequency motor
Option Brand: NANYANG, WANNAN, HUXIN, HEND



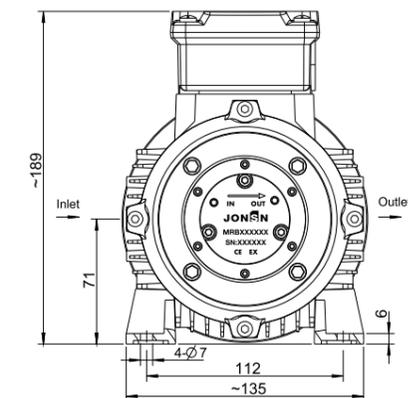
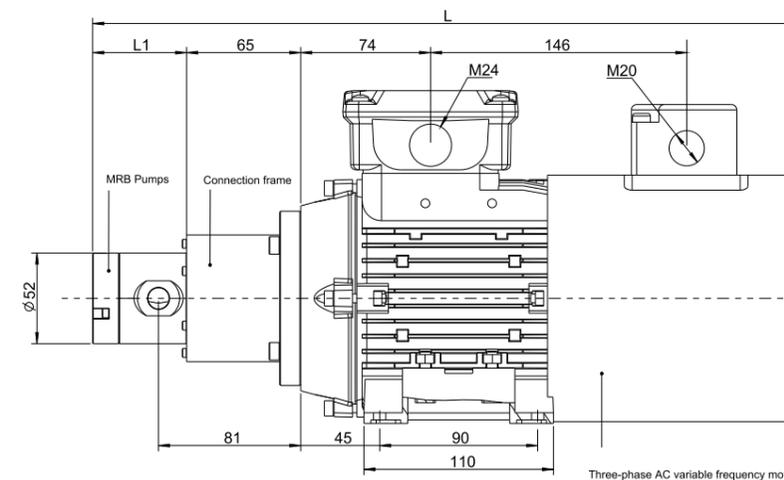
High-quality pumps, of course, need to be matched with an efficient and stable motor to provide stable power.

As a long term supporting partner of ABB, JONSON has been in depth cooperation with ABB for more than 10 years.

MRA IEC Motor 0.37Kw 71M B34

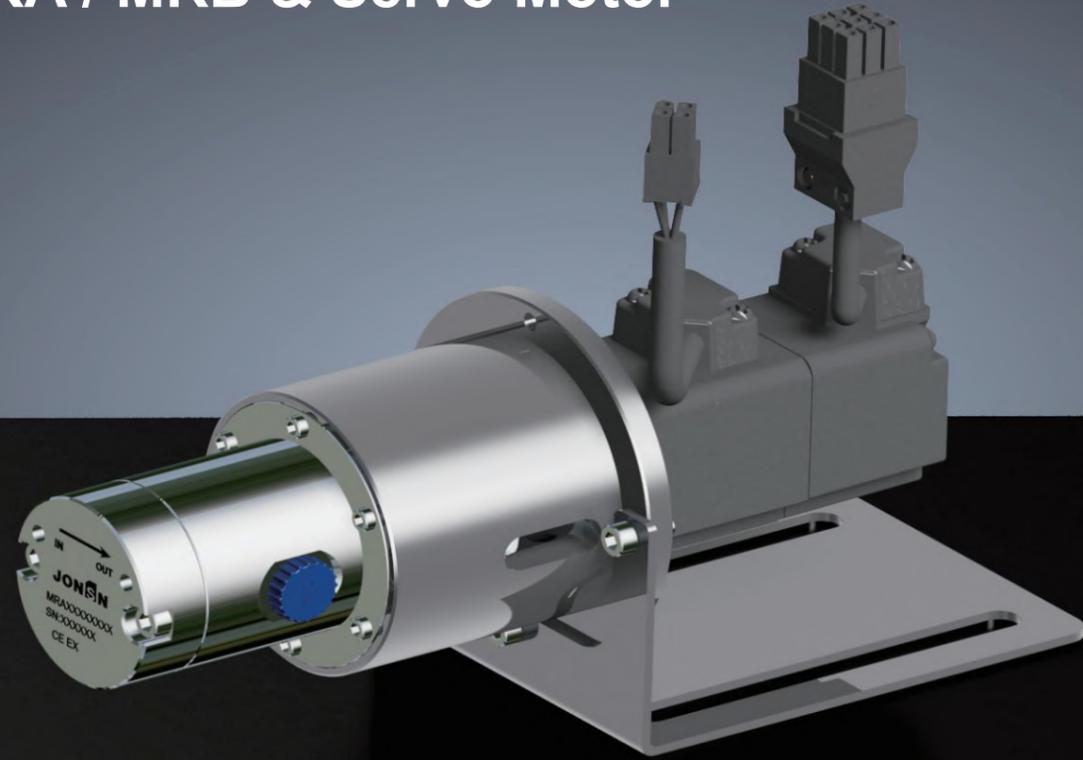


MRB IEC Motor 0.37Kw 71M B34



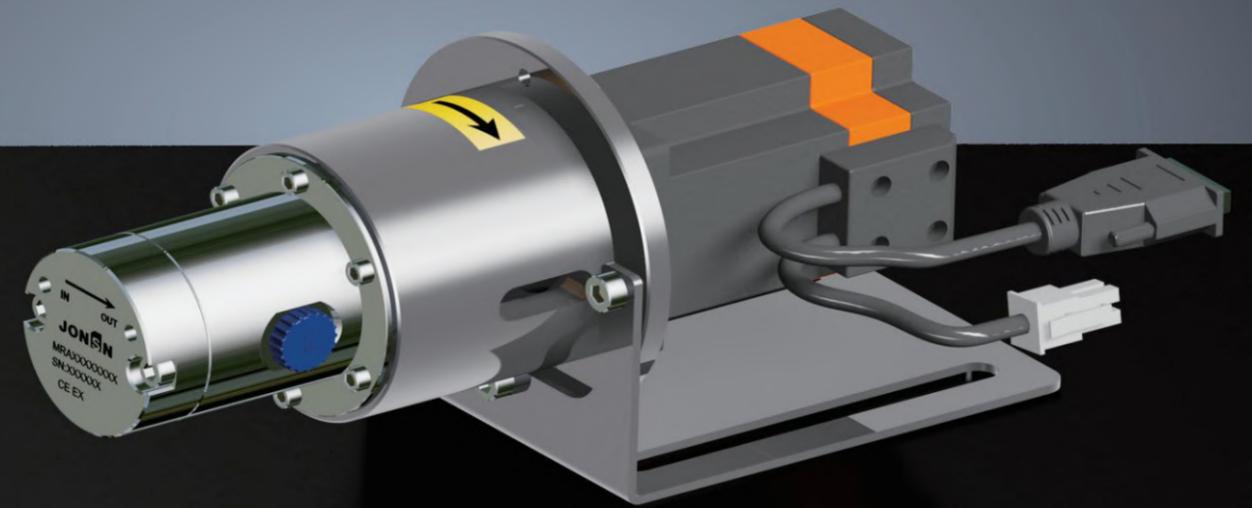
Pumps order NO.	L	L1
MRB 10/16	~ 404	53.5
MRB 12/16	~ 404	53.5
MRB 17/16	~ 409	58.5
MRB 19/16	~ 409	58.5

MRA / MRB & Servo Motor

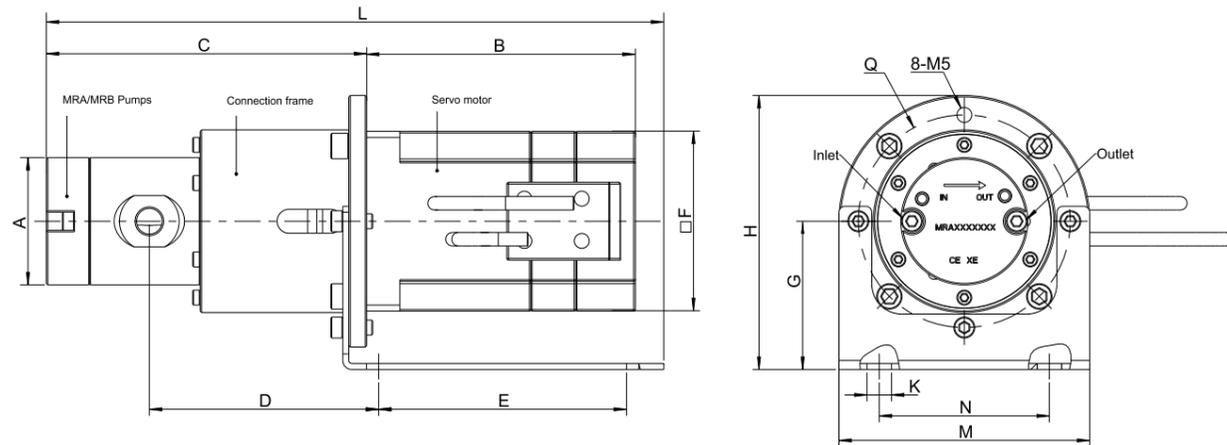


Standard brand: DELTA
Option brand: Siemens, Panasonic, Mitsubishi, Yaskawa
Other customer offered motor can be installed by Jonsn.

MRA / MRB & Stepper Motor

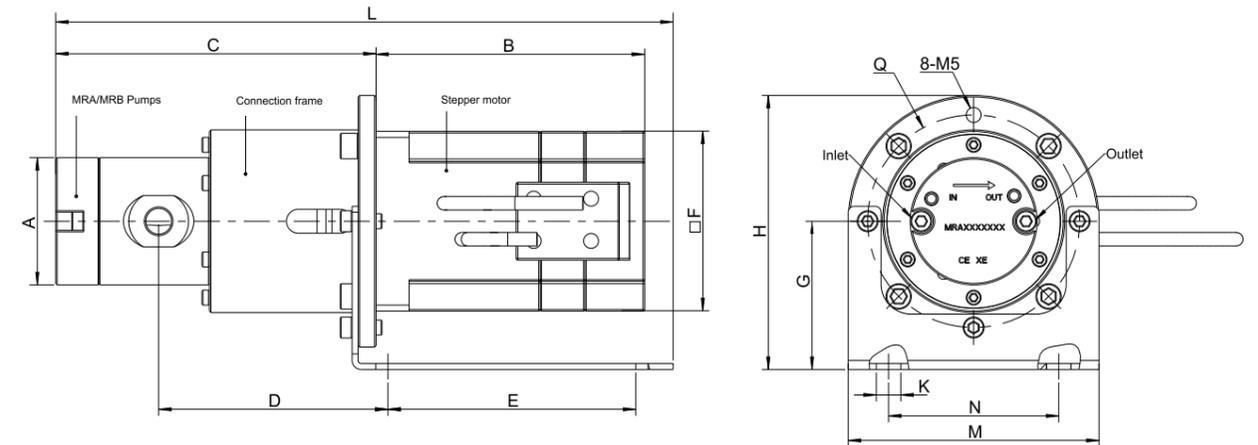


Standard: JONSN customize model
Option: 42, 57, 60, 86 base



MRA / MRB & Servo motor 220V 100W-400W 0-3000rpm

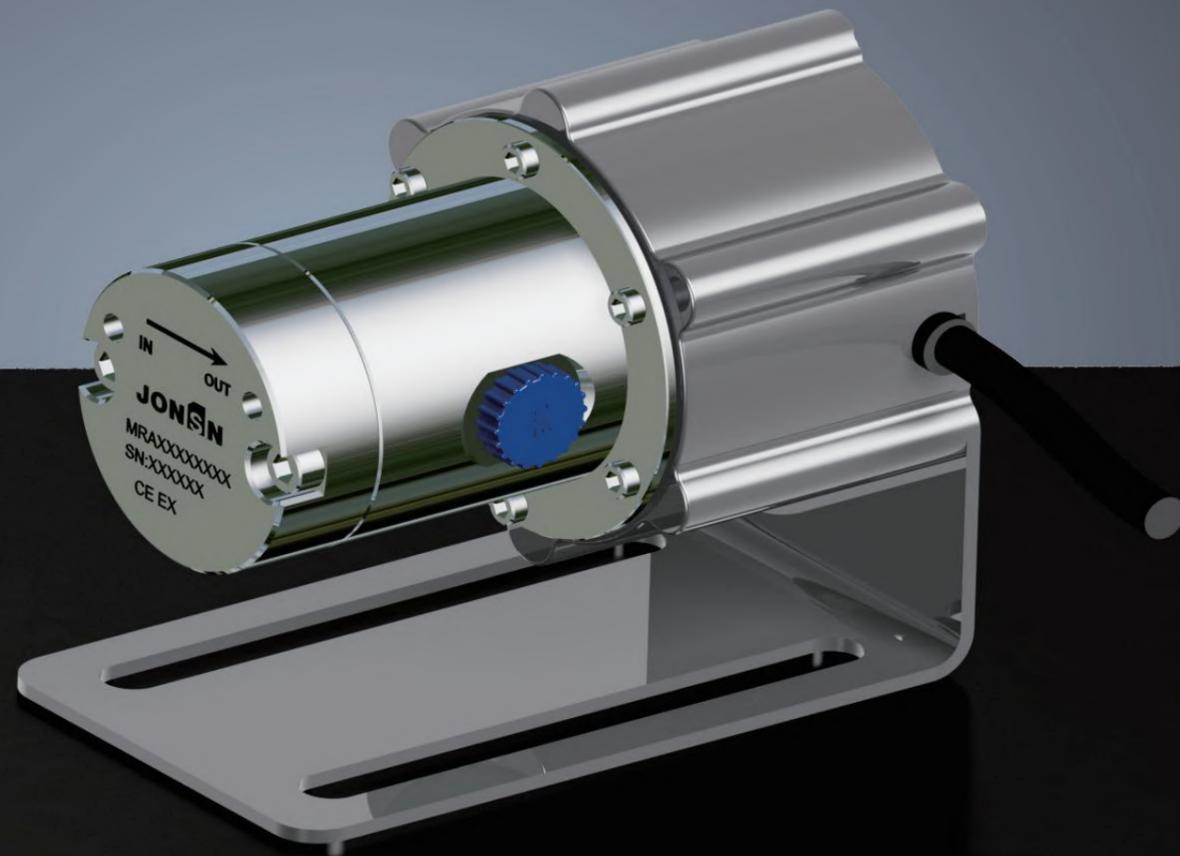
Pumps order NO.	A	B	C	D	E	F	G	H	K	L	M	N	Q
MRA & 100W	42.5	100	111	81	80	40	49.5	~92	8	210	84	57	71
MRA & 200W	42.5	105	117	86	80	60	49.5	~92	8	209	84	57	71
MRB10/16 & 200W	52	105	123	80	80	60	72	~124	8	207	105	80	90
MRB12/16 & 200W	52	105	123	80	80	60	72	~124	8	207	105	80	90
MRB17/16 & 200W	52	105	128	80	80	60	72	~124	8	212	105	80	90
MRB19/16 & 400W	52	130	128	80	80	60	72	~124	8	237	105	80	90



MRA / MRB & Stepper motor 24V 2N.m 0-1500rpm

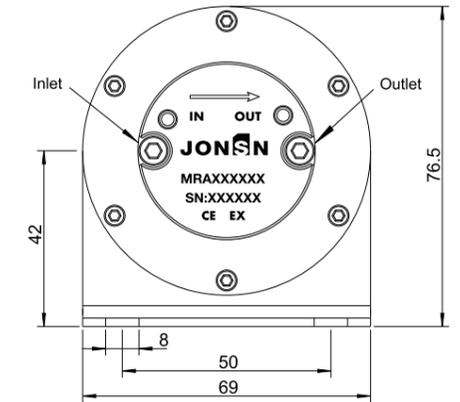
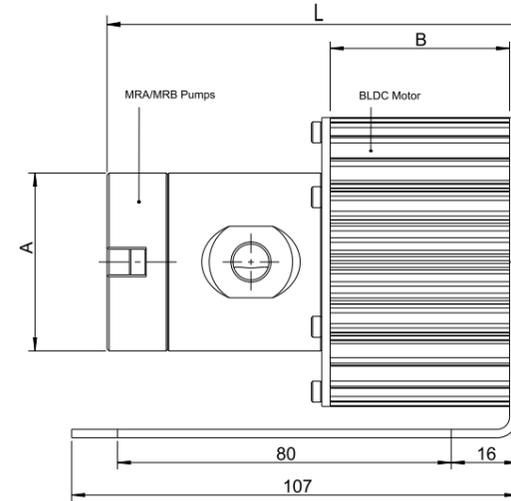
Pumps order NO.	A	B	C	D	E	F	G	H	K	L	M	N	Q
MRA & □ 60	42.5	90	106	77	80	60	49.5	~92	8	207	84	57	71
MRB10/16 & □ 60	52	90	108.5	70	80	60	72	~124	8	208.5	105	80	90
MRB12/16 & □ 60	52	90	108.5	70	80	60	72	~124	8	208.5	105	80	90
MRB17/16 & □ 60	52	90	113.5	70	80	60	72	~124	8	213.5	105	80	90
MRB19/16 & □ 60	52	90	113.5	70	80	60	72	~124	8	213.5	105	80	90

MRA / MRB & BLDC Motor



Standard: JONSN customize model
Option: 42, 57, 60, 86, 110 base

BLDC Motor MRA/MRB

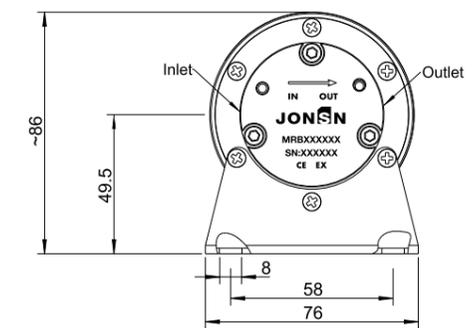
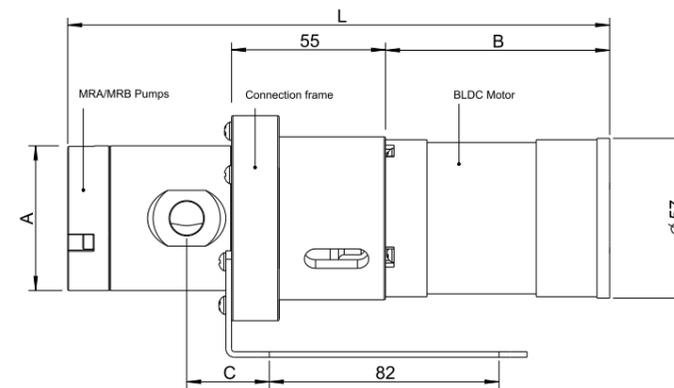


MRA / MRB & BLDC 12V / 24V 40W/70W 150-4000rpm

Pumps order NO.	A	B	L
MRA	42.5	42	102
MRB 10/16 MRB12/16	52	42	104
MRB 17/16 MRB19/16	52	42	109

MRA / MRB & BLDC 12V / 24V 100W 150-4000rpm

Pumps order NO.	A	B	L
MRA	42.5	49	107
MRB 10/16 MRB12/16	52	49	111
MRB 17/16 MRB19/16	52	49	116



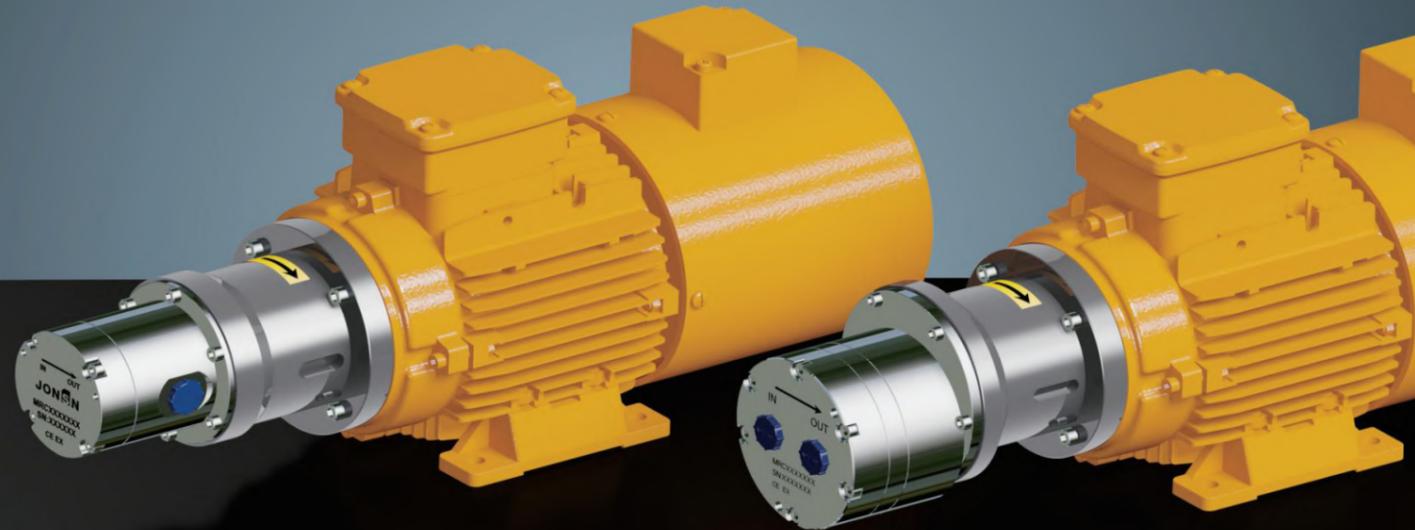
MRA / MRB & BLDC 57 24V 120W 150-3000rpm

Order NO.	A	B	C	L
MRA	42.5	118	30.5	~225
MRB 10/16 MRB12/16	52	118	29.5	~227
MRB 17/16 MRB19/16	55	118	29.5	~232

MRA / MRB & BLDC 24V 150W 150-3000rpm

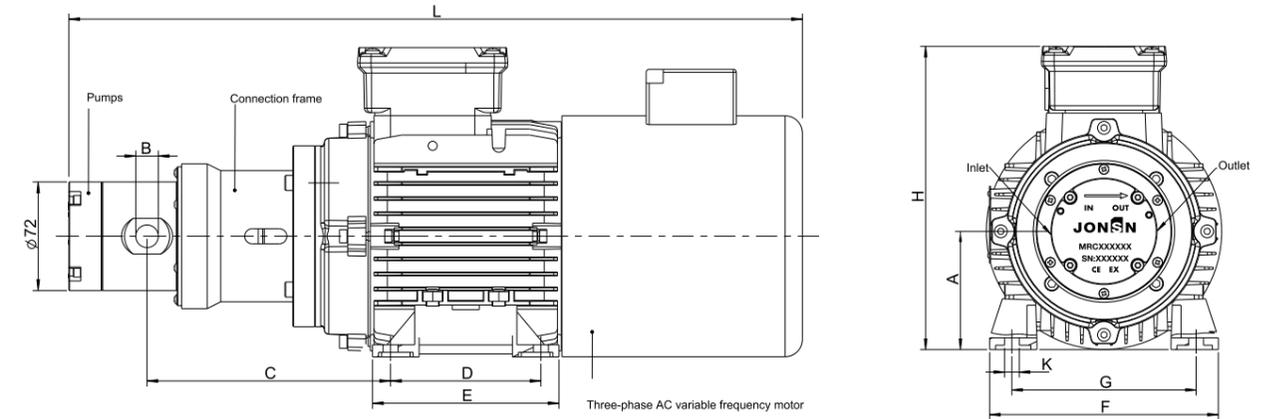
Order NO.	A	B	C	L
MRA	42.5	136	30.5	~243
MRB 10/16 MRB12/16	52	136	29.5	~265
MRB 17/16 MRB19/16	55	136	29.5	~250

MRC / MRE & IEC Motor



Standard : ABB Variable frequency motor
Option Brand: NANYANG, WANNAN, HUXIN, HEND

IEC Motor MRC15 / 22 MRC20 / 22



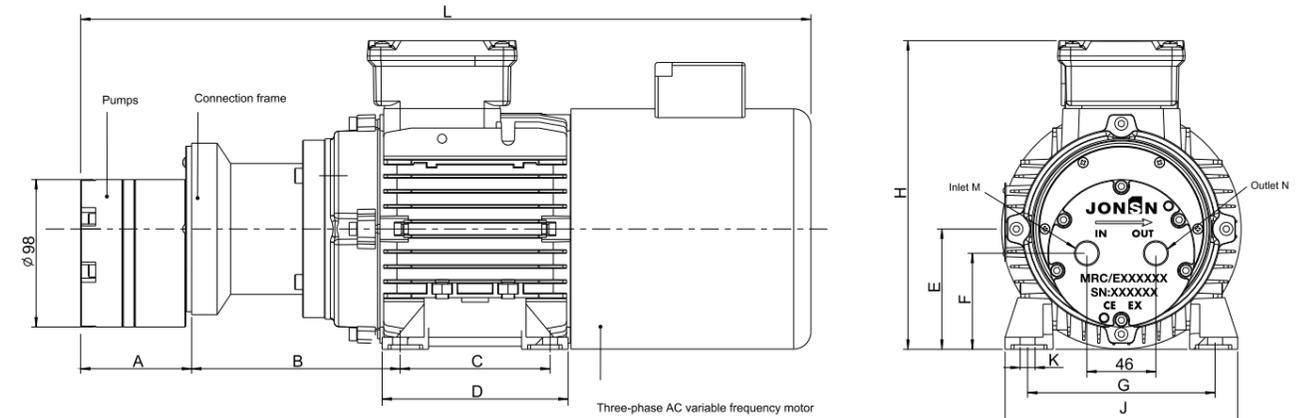
Power & 0.75-1.1Kw 2P 80M B34

Pumps order NO.	A	B	C	D	E	F	G	H	L
MRC 15/22 MRC 20/22	80	G or NPT 3/8	162	100	135	~160	125	~205	~488

Power & 1.5Kw 2P 90L B34

Order NO.	A	B	C	D	E	F	G	H	L
MRC 15/22 MRC 20/22	90	G or NPT 3/8	178	125	165	~175	140	~235	~535

IEC Motor MRC 8/37 MRC12/37 MRE 18/37 MRE 24/37 MRE 34/37



Power & 0.75-1.1Kw 2P 80M B34

Pumps order NO.	A	B	C	D	E	F	G	H	J	K	L	M	N
MRC 15/22 MRC 20/22	74	139	100	135	80	64	125	~ 205	~ 160	4-∅10	~ 478	G or NPT 3/8	G or NPT 3/8
MRE 18/37 MRE 24/37 MRE34/37	96	139	125	165	90	64	140	~ 235	~ 175	4-∅10	~ 509	G or NPT 3/4	G or NPT 3/4

Power & 1.5Kw 2P 90L B34

Pumps order NO.	A	B	C	D	E	F	G	H	J	K	L	M	N
MRC 8/37 MRC12/37	74	155	100	135	80	64	125	~ 205	~ 160	4-∅10	~ 534	G or NPT 3/8	G or NPT 3/8
MRE 18/37 MRE 24/37 MRE34/37	96	155	125	165	90	64	140	~ 235	~ 175	4-∅10	~ 555	G or NPT 3/4	G or NPT 3/4

Power & 2.2-3Kw 2P 100L B34

MRE 18/37 MRE 24/37 MRE34/37	96	174	140	180	100	64	160	~ 275	~ 200	4-∅12	~ 584	G or NPT 3/4	G or NPT 3/4
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We are deeply involved in micro flow rate on-line precision transporting field.

We have been service to domestic and foreign key laboratories, scientific research institutes, enterprises and institutions, etc.

Precision micro gear pumps are applied in semi-conductor, nuclear industry, special material producing, fine chemical industry.



With extensive fluid control expertise, we are able to supply you with professional micro flow solutions.

SELECTION PARAMETERS

Customer code Address
 company Extension
 Name Fax
 Department E-Mail

Medium

Name Viscosity cps
 Application areas Medium temperature °C
 Concentration % Ambient temperature °C
 Whether explosive Yes No Solid content Yes No Soft Hard
 Density Media status Fluidity Thixotropy Sticky Curing

Operating conditions

flow L/min or L/h Outlet pressure bar
 Inlet pressure kpa M Working frequency Continuous Intermittent Intermittent
Positive pressure or Suction
 Vacuum Kpa

Drive motor

- Single phase 24V BLDC motor
 Three phase 24V Stepper motor / 220 Servo motor

Application conditions

- No pulsation in the mouth Metering spray Cool down Wash
 Pressurization Circulation Lubricating Other

Your requirements

Please describe your application here or write down your remarks: