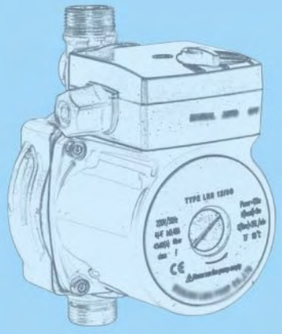

We are modern enterprise which in integrates design,production, test, and service. according to the variaty of the passing medium inside the pump, we adopt the corresponding materials and structure. thus the series products of our pump have been widely used and applied in the various fields as mining, oil, chemical industry, medication, architecture, papering agri- cultural irrigation, daily drainage and environment protection.

Weadhere to the tenet of 'supreme quality, reasonable price, timely supplyand full serv- ice'. we promise to provide you with high-quality productsand high-class after service.bothnewandold clients are sincerely welcomed to purchase our product sandadvance valuable advices. so we can improve ourservice quality in order to provide unmatched service.

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FUZHOU CANWELL IMPORT & EXPORT CO., LTD.

LRS CIRULATION PUMP SERIES

The feature and use of circulating pump:

LRS series of circulating pump researched and developed by scientific research personnel of our company has following merits: no leakage, low noise, environmental protection, beautiful appearance, convenient installation, run responsible and so on, It is desig ned special for heating system and it can be used to supply water and add pressure for mansions of cityk, villa of suburb, house, to match with industrial equipment, to supply water in cycle for cooling air–condition, boiler and solar energy, supply hot water and keep warm in cycle, etc.

Product Structure

1.Structure: The product is made up of pump and single–phase shield motor. The pump is made up of impeller. body of pump, etc Motor consists of stator ,rator .shield cover, deflating bolt and so on.

2.Tightness:The pump isn't sealed with machinery sealing. The stator and rotor of motor are sealed with stainless steal cover. Other parts are all sealed with heat–resisting rubber facing ring. so thaat there/s no leakage.

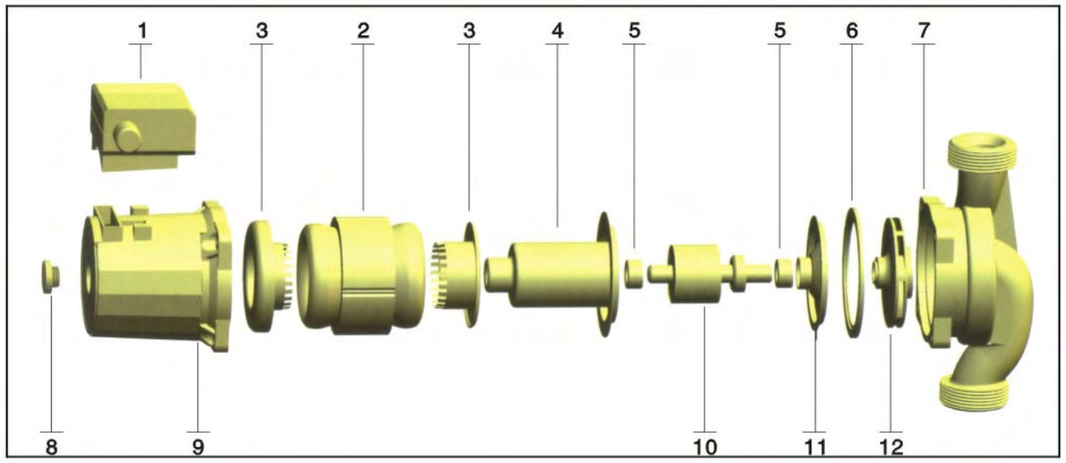
3.Lubricate and cool: Inside circulation way is adopted in the product. The water between the stator and the rotor can lubricate and cool the motor as the lubricant and coolant.

Installation

Pump installation must ensure that the level of the motor shaft and the ground plane, at startup,Motors to be located at the top of the drain plug removed so that the gas well pump discharge, avoid Pump–free state in the water to run.

Main Parts Material Table

Parts	Material
Pump body	Cast iron Ht200 or copper
Impeller	engineering plastics
Shaft	steel 1Cr18Ni9Ti
Bearing bracket	Ceramics/
Bearing	Ceramics 1Cr18Ni9Ti
Thrust bearing	Ceramics
Thrust bearing bracket	steel 1Cr18Ni9Ti/Rubber
Shield cover	steel 1Cr18Ni9Ti



N.	Description	N.	Description	N.	Description
1	Terminal box	5	Ceramic bearing	9	Motor housing
2	Stator(Coil winding)	6	Seal ring	10	Rotor
3	Protecting cover	7	Pump casing	11	Fix board
4	Steel shielding	8	Water–sealing bolt	12	Impeller

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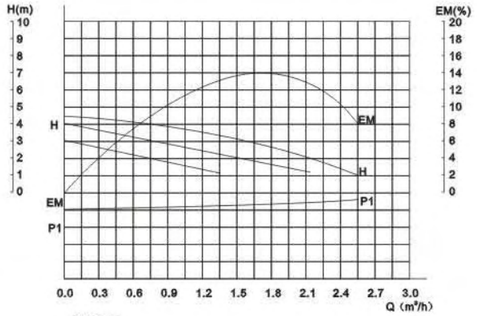
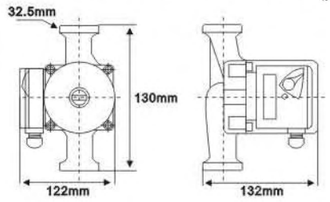
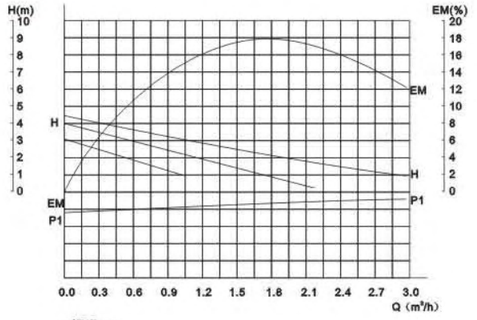
LRS15/4-130G

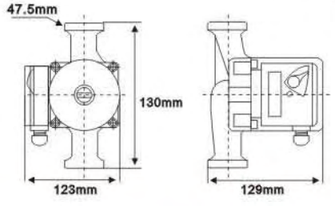




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS15/4-130G	72/53/38	42/34/23	4.5/4/3	1"	2.4

LRS25/4-130G





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/4-130G	72/53/38	48/36/25	4.5/4/3	$1\frac{1}{2}$"	2.5

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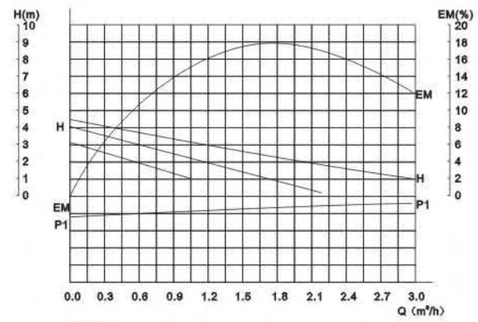
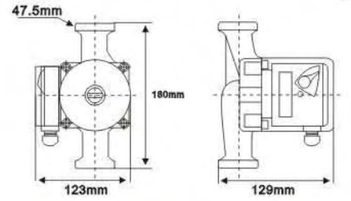
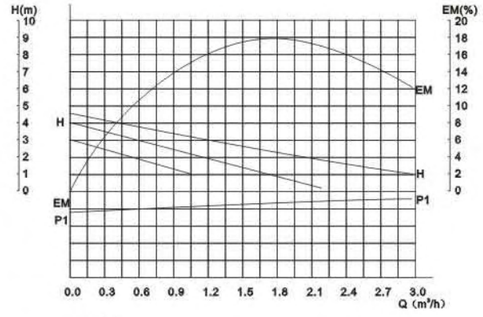
LRS25/4-180G

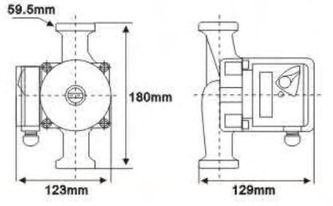




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/4-180G	72/53/38	48/36/25	4.5/4/3	$1\frac{1}{2}$"	2.7

LRS32/4-180G





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/4-180G	72/53/38	48/36/18	4.5/4/3	2"	2.8

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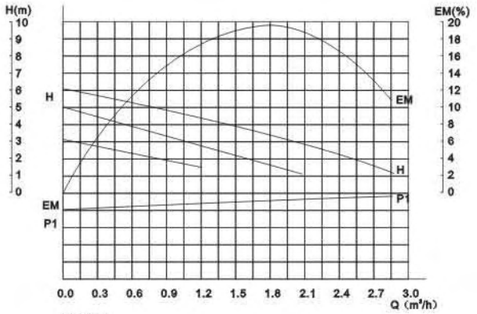
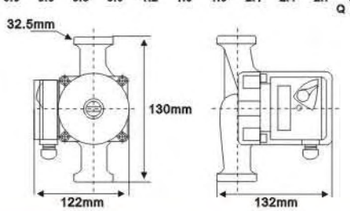
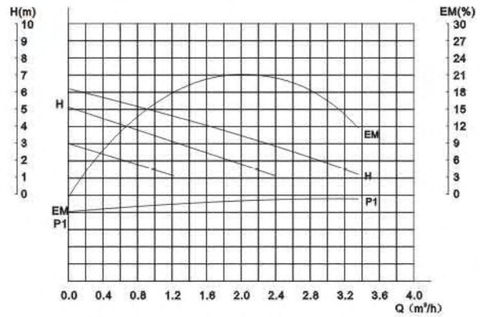
LRS15/6-130G

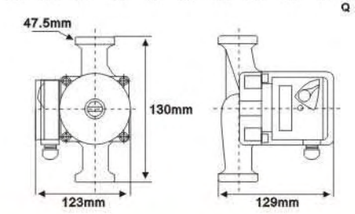




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS15/6-130G	93/67/46	48/40/28	6/5/3	1 "	2.6

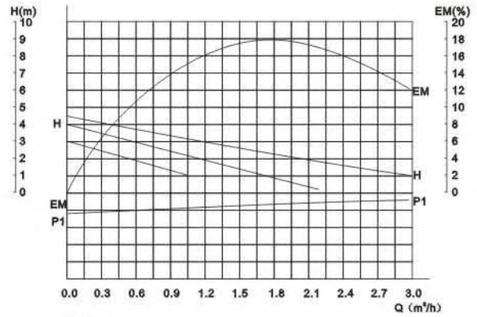
LRS25/6-130G

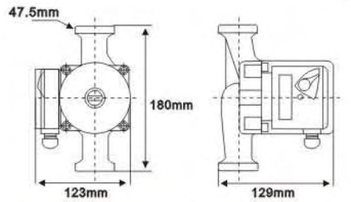




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/6-130G	93/67/46	55/43/32	6/5/3	1 1/2"	2.7

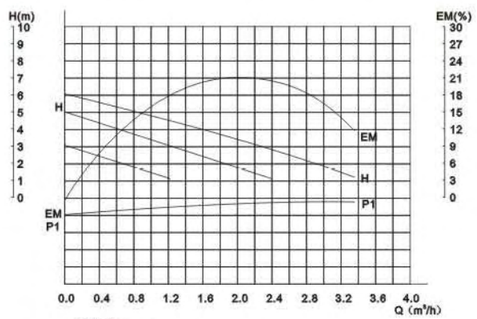
LRS25/6-180G

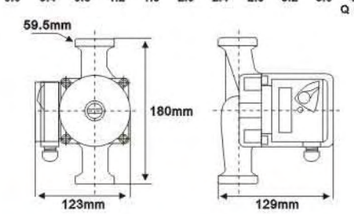




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/6-180G	72/53/38	55/43/32	4.5/4/3	1 1/2"	2.9

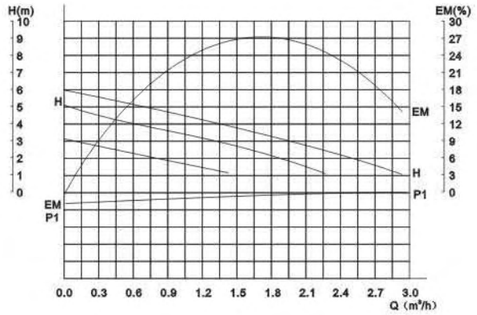
LRS32/6-180G





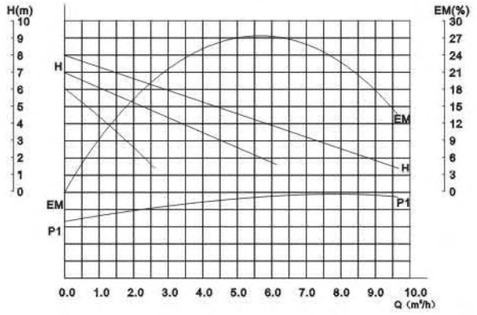
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/6-180G	93/67/46	55/43/32	6/5/3	2 "	3.0

LRS25/6-180GF



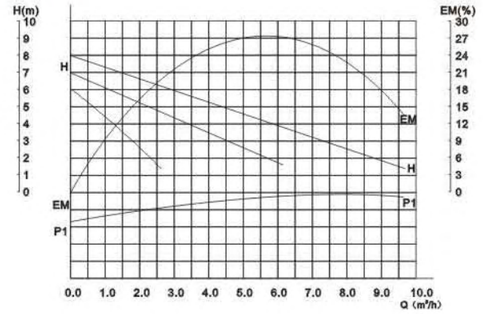
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/6-180GF	93/67/46	55/43/32	6/5/3	1½"	3.0

LRS40/8F-200



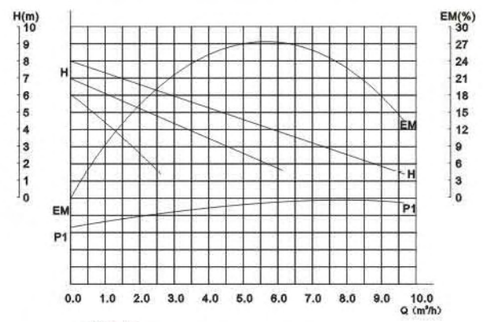
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS40/8F-200	270/220/150	160/103/43	8/7/6	1½"	5.9

LRS25/8-180G



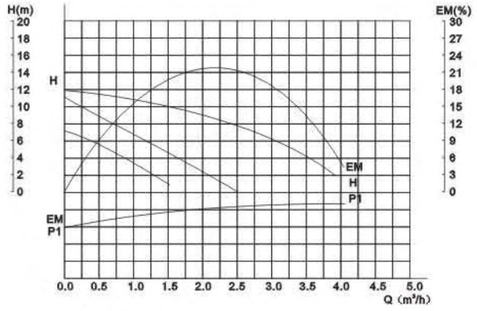
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/8-180G	270/210/150	160/103/43	8/7/6	1½"	5

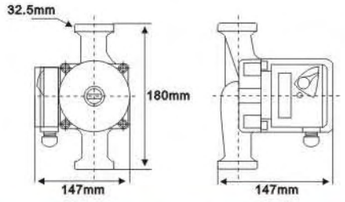
LRS32/8-180G



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/8-180G	270/210/150	160/103/43	8/7/6	2"	5

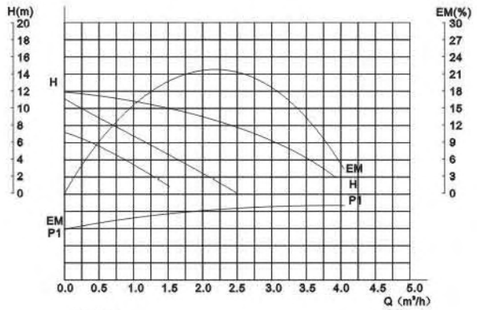
LRS20/12-180G

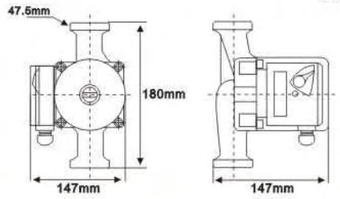




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS20/12-180G	245/220/145	68/46/28	12/11/7	1"	4.5

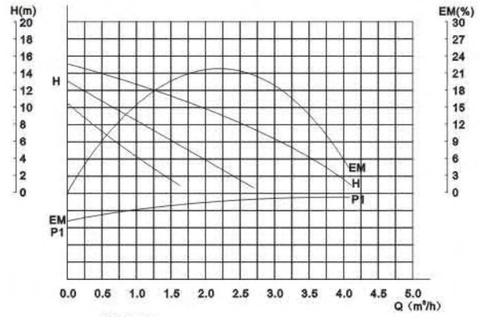
LRS25/12-180G

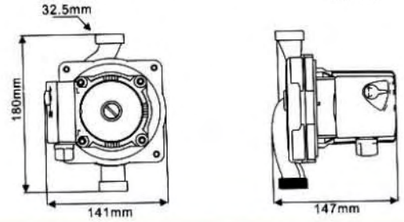




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/12-180G	245/220/145	68/46/28	12/11/7	1 1/2"	4.5

LRS25/15-180G





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/15-180G	270/210/150	72/54/32	15/13/10	1 1/2"	5

Technical Data

Suitable fluids

Heating water to VD12035
Heatina water
Water / glycol mixtures max.mixing ratio 1:1

Performance

Fluid temperature range -10℃-+110℃
Max.working pressure 10bar

Ambient Temperature

Permissible up to 40℃

Power

Mains power 1~230v,50Hz

Motor

Degree of protection IP44
Insulation class F

Construction Materials

Pump body cast iron
Impeller PP
Shaft Ceramic
Bearings Ceramic

Mounting Positions

Pump shaft in the horizontal plane

Pump Equipment

Screwed end single head pump
Manual 3-speed control
Non-overloading single phase motor
cast iron body,180mm port-to-port
cast iron body 130mm port-to-port

Remarks: The above is from LRS15/4-130G to LRS32/8-180G technical parameters.

Technical Data

Suitable fluids

Heating water to VD12035
Heatina water
Water / glycol mixtures max.mixing ratio 1:1

Performance

Fluid temperature range -10℃-+110℃
Max.working pressure 10bar

Ambient Temperature

Permissible up to 40℃

Power

Mains power 1~230v,50Hz

Motor

Degree of protection IP44
Insulation class F

Construction Materials

Pump body cast iron
Impeller PP
Shaft Ceramic
Bearings Ceramic

Mounting Positions

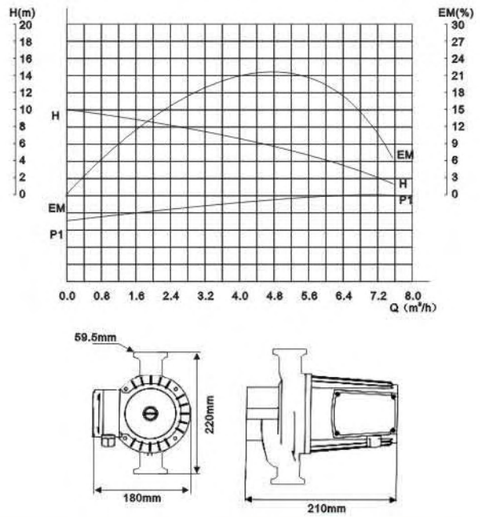
Pump shaft in the horizontal plane

Pump Equipment

Screwed end single head pump
Manual 3-speed control
Or flow switch automatically control
Non-overloading single phase motor
cast iron body,180mm port-to-port

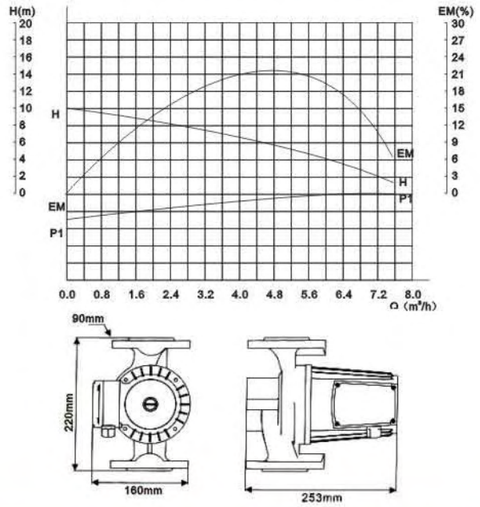
Remarks: The above is from LRS20/12-180G to LRS25/15-180G technical parameters.

LRS50-370



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS50-370	370	126	10	2 "	8.5

LRS40-370F
LRS50-370F



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS40-370F	370	126	10	1½"	10.5
LRS50-370F	370	126	10	2 "	10.5

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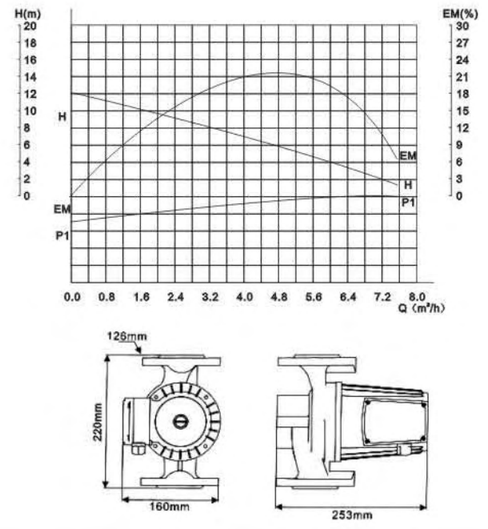
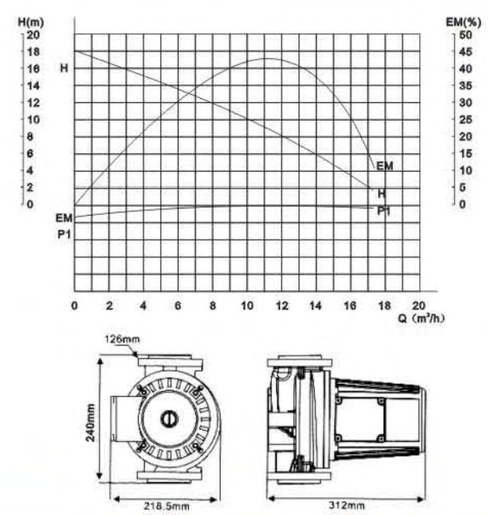
LRS40-550F
LRS50-550F



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS40-550F	550	200	12	1½"	14
LRS50-550F	550	200	12	2 "	14

LRS40-750F
LRS50-750F



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS40-750F	750	310	18	1½"	19
LRS50-750F	750	310	18	2 "	19

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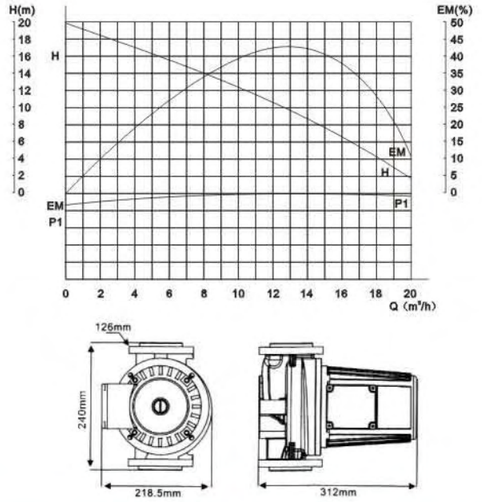
LRS40-1100F
LRS50-1100F



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS40-1100F	1100	385	20	1½"	20.4
LRS50-1100F	1100	385	20	2 "	20.4

Working conditions:

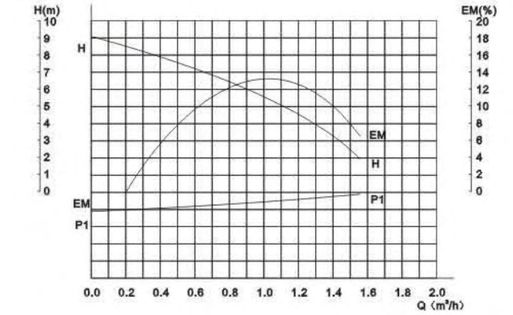
-Rated voltage of power supply is 220V and frequency is 50Hz single-phase AC.
-Pressure of system≤1.0MPa.
-Transmitted liquid should not include solid impurity the volume of which ratio exceeds0.1% or the size of which is more than 0.2mm.
-The lowest liquid temperature……2℃
-The highest liquid temperature……110℃
-The Lowest environment temperature……2℃
-The highest environment temperature……40℃

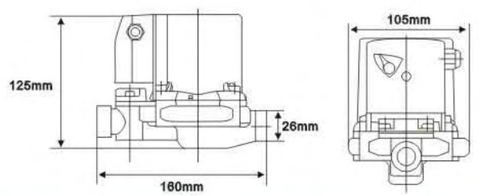
The feature and use of circulating pump:

GR series of circulating pump researched and developed by scientific research personnel of our company has following merits:no leakage,low noise environmental protection,beautiful appearance, convenient installation，run responsible and so on. It is designed special for heating system and it can be used to supply water and add pressure for mansions of city,villa of suburb,house,to match industrial equipment,to supply water in cycle fo cool air-condition,boiler and solar energy,supply hot water and keep warm in cycle,etc.

Remarks: The above is from LRS50-370 to LRS40-1100F technical parameters.

LRS12/9G





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS12/9G	120	26	9	¾"	2.4

Technical Data

Suitable fluids
Heating water to VD12035
Heatina water
Water / glycol mixtures max.mixing ratio 1:1

Performance
Fluid temperature range -10℃-+90℃
Max.working pressure 6bar

Ambient Temperature
Permissible up to 40℃

Power
Mains power 1~230v,50Hz

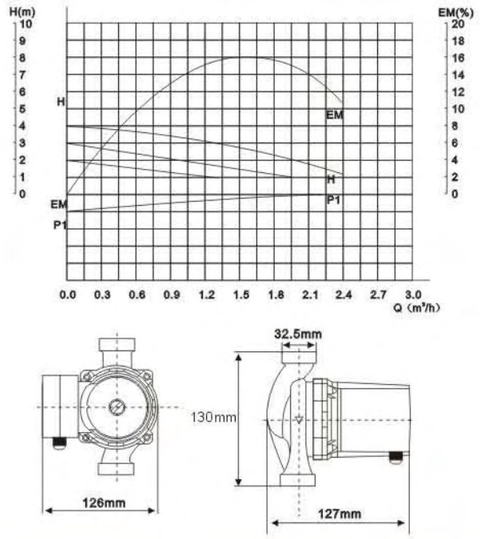
Motor
Degree of protection IP44
Insulation class F

Construction Materials
Pump body cast iron
Impeller PP
Shaft Ceramic
Bearings Ceramic

Mounting Positions
Pump shaft in the horizontal plane

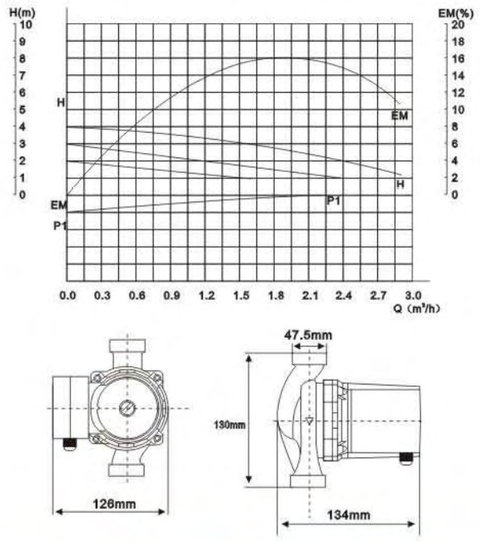
Pump Equipment
Screwed end single head pump
flow switch automatically control
Non-overloading single phase motor
cast iron body 160mm port-to-port

LRS15/4-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS15/4-130	**72/53/38**	40/33/24	4/3/2	**1"**	2.3

LRS25/4-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/4-130	**72/53/38**	48/39/25	4/3/2	**1½"**	2.4

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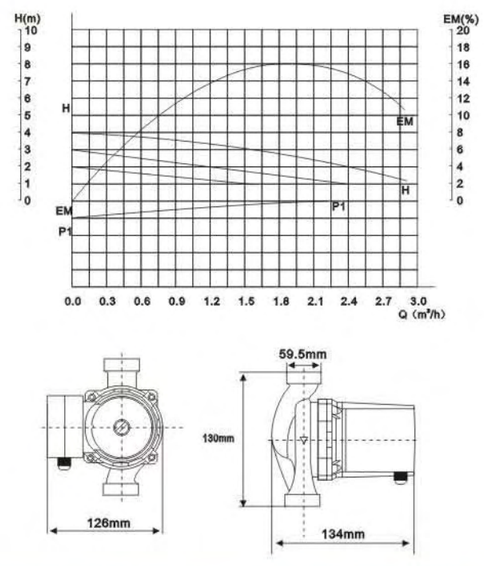
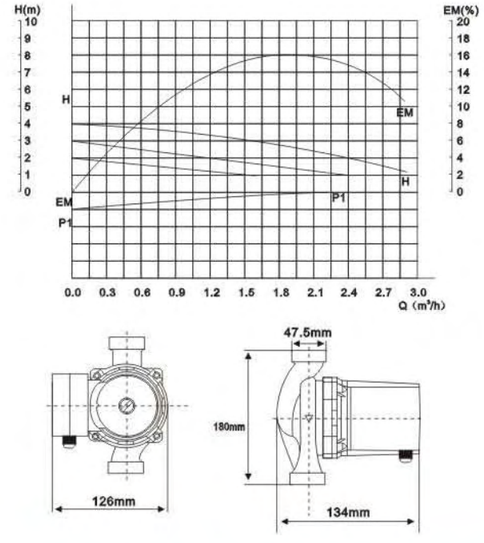
LRS32/4-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/4-130	**72/53/38**	48/39/25	4/3/2	**2"**	2.5

LRS25/4-180



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/4-180	**72/53/38**	48/39/25	4/3/2	**1½"**	2.6

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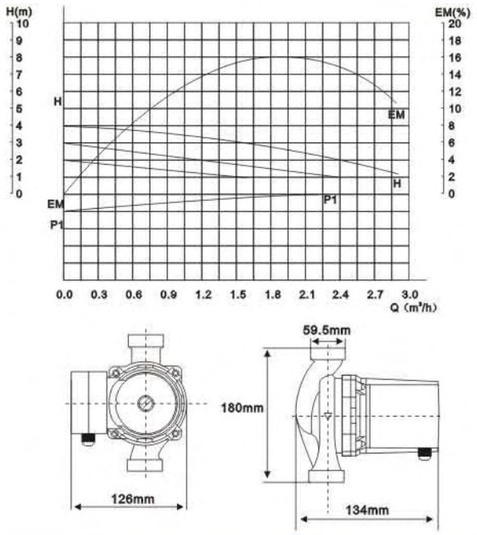
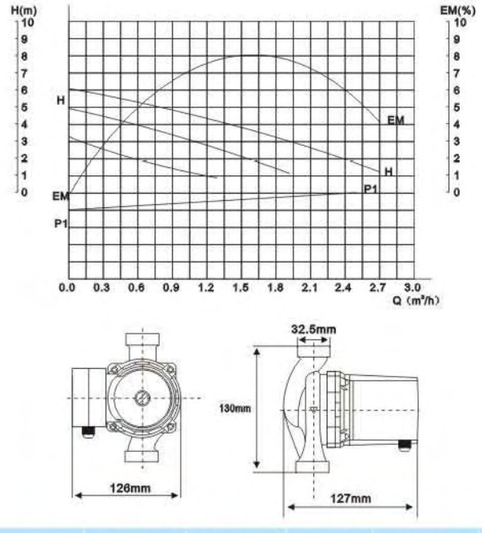
LRS32/4-180



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/4-180	**72/53/38**	48/39/25	4/3/2	**2"**	2.7

LRS15/6-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS15/6-130	**93/67/46**	45/36/28	**6/5/3**	**1"**	2.4

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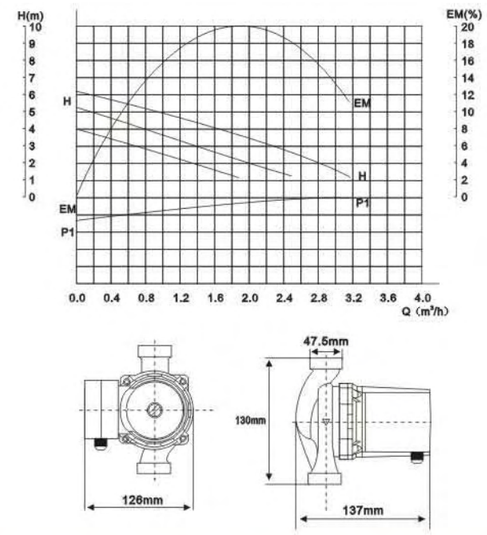
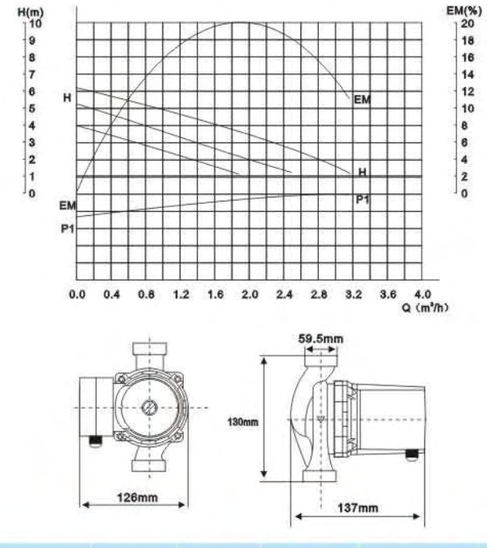
LRS25/6-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/6-130	**93/67/46**	53/42/31	**6/5/3**	**1 1/2"**	2.5

LRS32/6-130



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/6-130	**93/67/46**	53/42/31	**6/5/3**	**2"**	2.6

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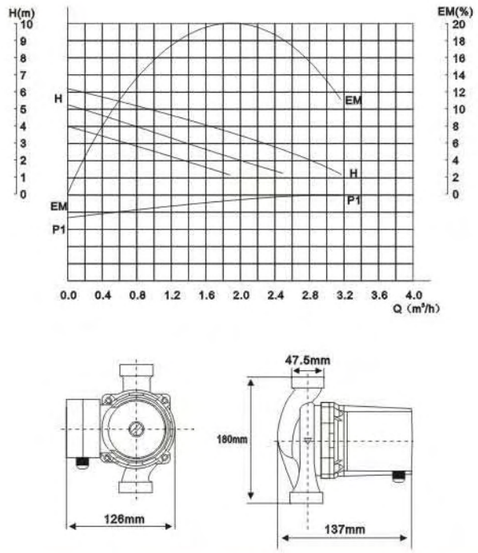
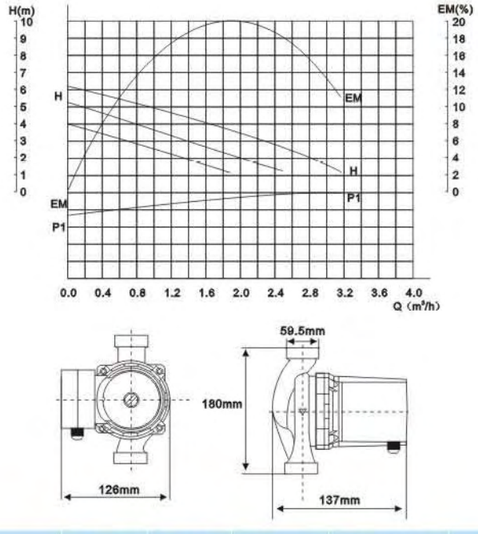
LRS25/6-180



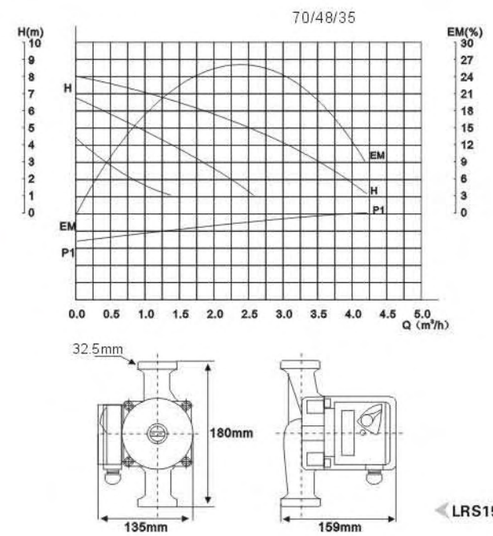
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS25/6-180	**93/67/46**	53/42/31	**6/5/3**	**1 1/2"**	2.7

LRS32/6-180



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/6-180	**93/67/46**	53/42/31	**6/5/3**	**2"**	2.8

LRS15/8-180
LRS25/8-180



LRS15/8-180

Technical Data

Suitable fluids

Heating water to VD12035
Heatina water
Water / glycol mixtures max.mixing ratio 1:1

Performance

Fluid temperature range -10℃-+110℃
Max.working pressure 10bar

Ambient Temperature

Permissible up to 40℃

Power

Mains power 1~230v,50Hz

Motor

Degree of protection IP44
Insulation class F

Construction Materials

Pump body cast iron
Impeller PP
Shaft Ceramic
Bearings Ceramic

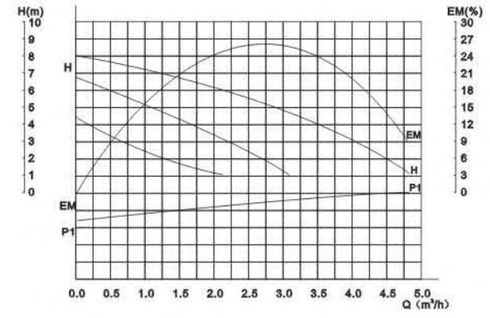
Mounting Positions

Pump shaft in the horizontal plane

Pump Equipment

Screwed end single head pump
Manual 3-speed control
Non-overloading single phase motor
cast iron body,180mm port-to-port
cast iron body 130mm port-to-port

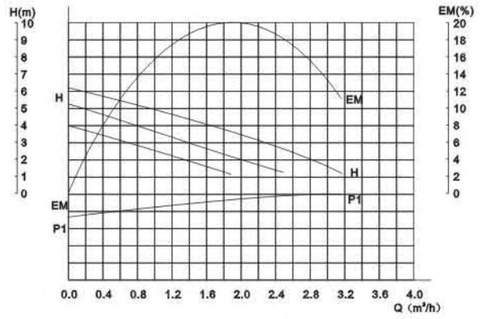
Remarks: The above is from LRS15/4-130G to LRS15/8-180 technical parameters.



LRS25/8-180

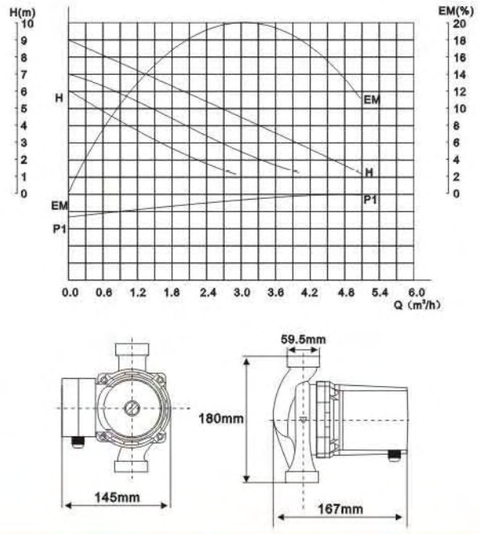
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS15/8-180	**165/115/75**	70/48/35	**8/7/5**	**1"**	3.5
LRS25/8-180	**165/115/75**	80/55/38	**8/7/5**	**1 1/2"**	3.6

LRS32/6-150N



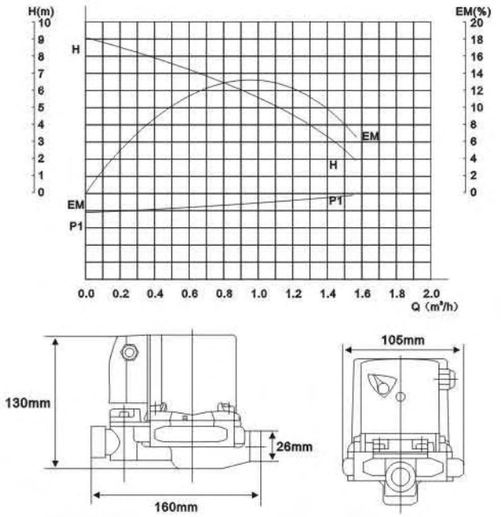
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/6-150N	93/67/46	53/42/31	6/5/3	$1\frac{1}{4}$"	2.8

LRS32/9-180N



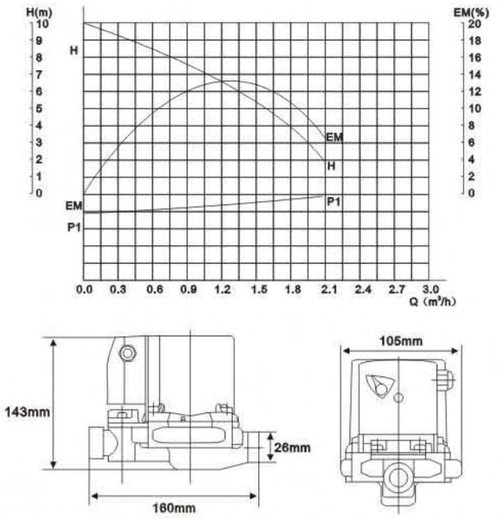
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS32/6-150N	205/180/115	85/68/49	9/7/6	$1\frac{1}{4}$"	4.6

LRS12/9W
LRS15/9W



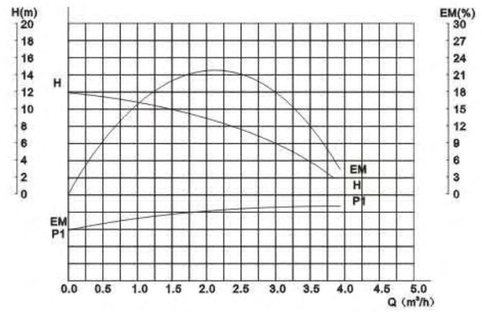
PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS12/9W	100	26	9	$\frac{3}{4}$"	2.6
LRS15/9W	100	26	9	1"	2.6

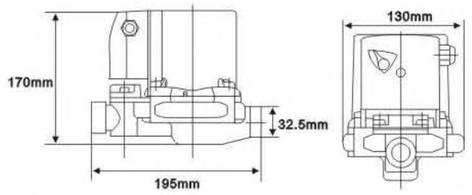
LRS12/10W
LRS15/10W



PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS12/10W	165	35	10	$\frac{3}{4}$"	3.2
LRS15/10W	165	35	10	1"	3.2

LRS20/12W





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS20/12W	205	65	12	1"	4.5

Technical Data

Suitable fluids

Heating water to VD12035
Heatina water
Water / glycol mixtures max.mixing ratio 1:1

Performance

Fluid temperature range -10℃-+90℃
Max.working pressure 6bar

Ambient Temperature

Permissible up to 40℃

Power

Mains power 1~230v,50Hz

Motor

Degree of protection IP44
Insulation class F

Construction Materials

Pump body cast iron
Impeller PP
Shaft Ceramic
Bearings Ceramic

Mounting Positions

Pump shaft in the horizontal plane

Pump Equipment

Screwed end single head pump
flow switch automatically control
Non-overloading single phase motor
cast iron body 160mm port-to-port
cast iron body 195mm port-to-port

Remarks: The above is from LRS12/9w to LRS20/12w technical parameters.

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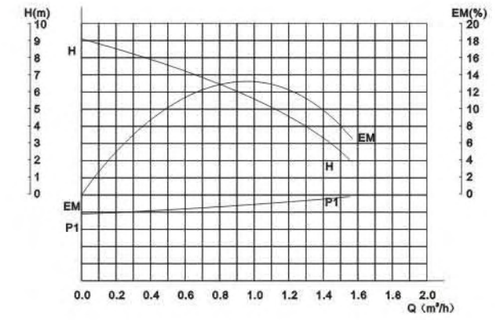
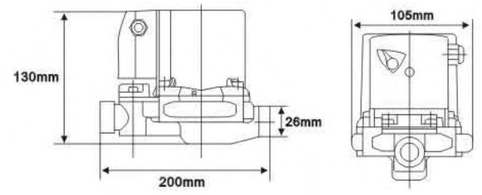
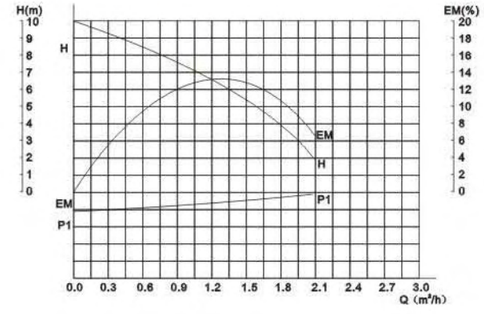
LRS12/9W2

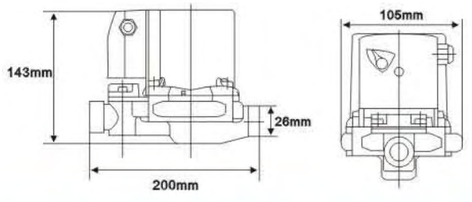




PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS12/9W	100	26	9	3/4"	3.0

LRS12/10W2





PUMP MODEL	POWER W	MAX.FLOW L/Min	MAX.HEAD M	INLET/OUTLET IN	NW Kg
LRS12/10W2	165	35	10	3/4"	3.6

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Temperature controller

OWK–F88

OWK–C

OWK–FB

OWK–F

OWK–F

OWK–FD