

三螺杆泵

THREE-SCREW PUMP

HSA系列产品手册 (2020版)
HSA Series Product Manual

产品介绍 PRODUCTS

HSA系列三螺杆泵是RSP黄泵根据市场需求而专门设计开发的一种效率高、噪音低、用途广、寿命长的产品，此系列产品结构紧凑，在满足原有三螺杆泵使用要求的同时，还能够满足高转速、低粘度工况的条件，且安装形式多样化，是理想的更新换代产品。产品按照GB/T10886设计生产。

HSA series three-screw pump is designed to meet market demands of high efficiency, low noise, wide applications and long service life. Designed and manufactured according to GB/T10886, HSA series is featured with simple structure to meet the working conditions of high speed and low viscosity.

泵应用领域 Application

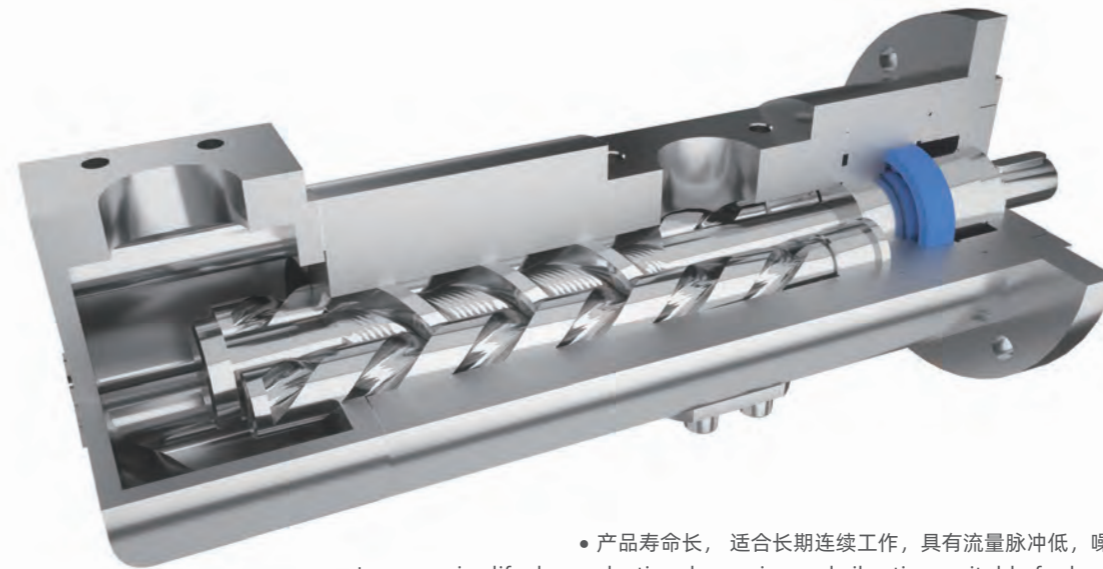
冶金工业
Metallurgical
industry

石化工业
Petrochemical
industry

电力工业
Power
industry

通用工业
General industry

产品优势 Advantage



- 产品寿命长，适合长期连续工作，具有流量脉冲低，噪音、振动低等优点
Long service life, low pulsation, low noise and vibration, suitable for long-term operation

- 大量采用铝合金，结构紧凑，体积小、重量轻的特点
Aluminum alloy material is used for compact structure and light weight

- 采用特殊结构设计，改善泵的自我吸能力
Strong self-priming ability due to special design

- 具有多种安装形式，且进出口多方向组合，适应客户各种现场安装的需要
Various installation type and inlet/outlet composition

- 产品外观精致，自防腐、免油漆能提升机组设备的档次
Elegant appearance with reliable anticorrosion

性能参数 Performance Data

| | |
|--------------------------|--|
| 传动形式Connection | 轴联式Shaft connection |
| 转速Speed | 950 r/min ~3000r/min |
| 流量范围 Flow | 5~1600L/min |
| 出口压力 (max) Pressure(max) | max 2.5MPa |
| 输送介质Medium | 润滑油、液压油等具有润滑性，不含固体颗粒、无腐蚀性介质 With lubrication property and no solid particles nor corrosivity, such as lube oil or hydraulic oil |
| 工作粘度Viscosity | 3~760mm ² /s |
| 工作温度Working temperature | 0~100°C |

选型要求 Pump Selection Notes

- 1、首先要准确了解泵的实际工作参数，如压力、流量、介质的工作温度及介质在工作温度下的粘度、介质有无润滑性、腐蚀性等，本产品可输送各种不含固体颗粒、无腐蚀性具有润滑性的液体介质；
At first obtain pumping operating data,such as pressure,flow rate,working temperature and viscosity of medium at working temperature,lubricating and corrosive properties of medium information,etc.The liquid medium with lubricating property,no solid particles and no corrosive property is applicable for this product.
- 2、根据介质的粘度选择适当的转速，保证泵的必须汽蚀余量满足用户的实际吸入条件；
Based on medium viscosity,the appropriate speed should be selected to meet NPSH requirement.

- 对于大规格的泵（HSA440 以上）
For large-scale pumps(HSA 440 above):

当润滑油粘度 $\gamma < 380\text{mm}^2/\text{s}$ ，
转速选取以 1450r/min 或 950r/min 为宜；
When the viscosity(γ)of lubrication oil is less than $380\text{mm}^2/\text{s}$, 1450r/min or 950r/min is applicable;

当润滑油粘度 $\gamma > 380\text{mm}^2/\text{s}$ ，
转速选取以 950r/min 为宜；
When the viscosity(γ)of lubrication oil is greater than $380\text{mm}^2/\text{s}$, 950 r/min is applicable.

- 对于小规格的泵（HSA280 以下）
For small-scale pumps(HSA 280 below):

当润滑油粘度 $\gamma < 380\text{mm}^2/\text{s}$ ，
转速选取以 1450r/min 或 2900r/min 为宜；
When the viscosity(γ)of lubrication oil is less than $380\text{mm}^2/\text{s}$, 1450r/min or 2900r/min is applicable;

当润滑油粘度 $\gamma > 380\text{mm}^2/\text{s}$ ，
转速选取以 1450r/min 或 950r/min 为宜；
When the viscosity(γ)of lubrication oil is greater than $380\text{mm}^2/\text{s}$, 1450 r/min is applicable.

代号说明 Code Description

| HSA | F | 440 | R | 46 | U4P | Y |
|---------------------|-----------------------|-----------------------|---|---------------------------|--------------------------------|---|
| 系列代码 Series code | 安装形式 Mounting type | 安装形式 Specification | 螺杆旋向 Spiral direction of power rotor | 螺旋升角 Inclination angle | 泵入口法兰代号 Suction flange code | 限压阀装置 Requirement on pressure relief valve |

- 系列代码：“HSA”为本系列螺杆泵的系列代码，HSA 系列轴承为内置式；
Series code: “HSA”is the type code for this series of screw pump with internal bearing.

- 安装形式：有 F、D、J 等三种安装形式；
Mounting type:There are three mounting types,i.e.F,D and J,to meet different requirements of users.



F 安装形式对应标准进出口形式
F Type



D 安装形式对应标准进出口形式
D Type



J 安装形式对应标准进出口形式
J Type

注：HSA440-HSA1300 规格 F 及 D 安装形式在泵后部应配有托架支撑，防止泵振动影响性能及泵寿命。
Note: Support bracket must be set at the pump rear for HSA440-HSA1300 F type and D type, for the purpose of preventing pump from any affect caused by vibration.

- 螺杆旋向：旋向分为 R 和 L 两种方式
Spiral direction of power rotor:The spiral directions include R and L.



R:螺杆右旋（常规使用）
R:Right-handed spiral direction of power rotor(common use)
面对泵伸轴，顺时针旋转
CW facing pump shaft

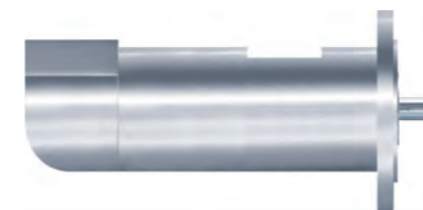


L:螺杆左旋（特殊使用）
L:Left-handed spiral direction of power rotor(special use)
面对泵伸轴，逆时针旋转
CCW facing pump shaft

- 泵入口法兰代号 Pump suction flange code: U4P: :
U4P 表示小口径、侧进口法兰（配 4 级及以上电机使用）
U4P:small diameter, side entry flange (for 4-pole motor or above speed)
U2P 表示大口径、侧进口法兰（配 2 级电机使用）
U2P:large diameter, side entry flange (for 2-pole motor)

- E4P 表示小口径、端进口法兰（配 4 级及以上电机使用）
E4P:small diameter, end entry flange (for 4-pole motor or above speed)
E2P 表示大口径、端进口法兰（配 2 级电机使用）
E2P:large diameter, side entry flange (for 2-pole motor)

- 安全装置要求：无符号表示不安装限压阀，符号 Y 表示安装限压阀；
Requirements on pressure relief valve:No symbol indicates no pressure relief valve is provided, symbol Y indicates a pressure relief valve is provided.



无符号：不安装限压阀
No symbol:without pressure relief valve



Y：安装限压阀
Y:with pressure relirf valve

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 20—38 | 0.5 | 12.1 | 0.23 | 80M1-4 | 0.55 | 13.9 | 0.23 | 80M1-4 | 0.55 | 14.4 | 0.25 | 80M1-4 | 0.55 |
| | 1 | 10.4 | 0.34 | 80M1-4 | 0.55 | 12.7 | 0.34 | 80M1-4 | 0.55 | 13.7 | 0.36 | 80M1-4 | 0.55 |
| | 1.5 | 8.7 | 0.46 | 80M2-4 | 0.75 | 11 | 0.51 | 80M2-4 | 0.75 | 12.3 | 0.54 | 80M2-4 | 0.75 |
| | 2 | — | — | — | — | 9.6 | 0.59 | 80M2-4 | 0.75 | 11.1 | 0.59 | 80M2-4 | 0.75 |
| | 2.5 | — | — | — | — | — | — | — | — | 10.4 | 0.74 | 90S-4 | 1.1 |
| 20—46 | 0.5 | 16.6 | 0.27 | 80M1-4 | 0.55 | 18 | 0.27 | 80M1-4 | 0.55 | 18.8 | 0.27 | 80M1-4 | 0.55 |
| | 1 | 14.2 | 0.44 | 80M2-4 | 0.75 | 16.8 | 0.44 | 80M2-4 | 0.75 | 18.1 | 0.44 | 80M2-4 | 0.75 |
| | 1.5 | 11.8 | 0.6 | 90S-4 | 1.1 | 15.1 | 0.65 | 90S-4 | 1.1 | 16.9 | 0.67 | 90S-4 | 1.1 |
| | 2 | — | — | — | — | 13.4 | 0.74 | 90S-4 | 1.1 | 15.7 | 0.74 | 90S-4 | 1.1 |
| | 2.5 | — | — | — | — | — | — | — | — | 14.6 | 0.95 | 90L-4 | 1.5 |
| 40—38 | 0.5 | 26.9 | 0.39 | 80M1-4 | 0.55 | 29.3 | 0.39 | 80M1-4 | 0.55 | 29.9 | 0.39 | 80M1-4 | 0.55 |
| | 1 | 23.4 | 0.63 | 90S-4 | 1.1 | 27.1 | 0.63 | 90S-4 | 1.1 | 28.5 | 0.63 | 90S-4 | 1.1 |
| | 1.5 | 20.5 | 0.87 | 90L-4 | 1.5 | 25.3 | 0.87 | 90L-4 | 1.5 | 27 | 0.88 | 90L-4 | 1.5 |
| | 2 | — | — | — | — | 23.6 | 1.15 | 90L-4 | 1.5 | 25.6 | 1.15 | 90L-4 | 1.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 24.2 | 1.38 | 100L1-4 | 2.2 |
| 40—46 | 0.5 | 34.7 | 0.45 | 80M2-4 | 0.75 | 39.5 | 0.45 | 80M2-4 | 0.75 | 39.9 | 0.45 | 80M2-4 | 0.75 |
| | 1 | 32.6 | 0.82 | 90S-4 | 1.1 | 36.9 | 0.82 | 90S-4 | 1.1 | 38.3 | 0.82 | 90S-4 | 1.1 |
| | 1.5 | 30.4 | 1.15 | 90L-4 | 1.5 | 34.3 | 1.15 | 90L-4 | 1.5 | 36.7 | 1.15 | 90L-4 | 1.5 |
| | 2 | — | — | — | — | 31.7 | 1.49 | 100L1-4 | 2.2 | 35.1 | 1.49 | 100L1-4 | 2.2 |
| | 2.5 | — | — | — | — | — | — | — | — | 33.5 | 1.72 | 100L1-4 | 2.2 |
| * 40—54 | 0.5 | 47.2 | 0.6 | 90S-4 | 1.1 | 49.1 | 0.7 | 90S-4 | 1.1 | 50.6 | 0.8 | 90S-4 | 1.1 |
| | 1 | 43.3 | 1.1 | 90L-4 | 1.5 | 46.4 | 1.1 | 90L-4 | 1.5 | 48.3 | 1.3 | 90L-4 | 1.5 |
| | 1.5 | — | — | — | — | 43.5 | 1.6 | 100L1-4 | 2.2 | 46.1 | 1.7 | 100L1-4 | 2.2 |
| | 2 | — | — | — | — | — | — | — | — | 44 | 2.2 | 100L2-4 | 3 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 80—36 | 0.5 | 49.3 | 0.78 | 90S-4 | 1.1 | 52.9 | 0.78 | 90S-4 | 1.1 | 53.8 | 0.88 | 90S-4 | 1.1 |
| | 1 | 44.7 | 1.27 | 100L1-4 | 2.2 | 49.6 | 1.27 | 100L1-4 | 2.2 | 51.2 | 1.27 | 100L1-4 | 2.2 |
| | 1.5 | 39.3 | 1.76 | 100L2-4 | 3 | 46.3 | 1.77 | 100L2-4 | 3 | 48.6 | 1.77 | 100L2-4 | 3 |
| | 2 | — | — | — | — | 42.9 | 2.26 | 100L2-4 | 3 | 46 | 2.27 | 100L2-4 | 3 |
| | 2.5 | — | — | — | — | — | — | — | — | 43.4 | 2.77 | 112M-4 | 4 |
| 80—42 | 0.5 | 60 | 0.73 | 90S-4 | 1.1 | 62.3 | 0.87 | 90S-4 | 1.1 | 64.1 | 0.89 | 90S-4 | 1.1 |
| | 1 | 54.3 | 1.3 | 100L1-4 | 2.2 | 60.2 | 1.41 | 100L1-4 | 2.2 | 61.2 | 1.43 | 100L1-4 | 2.2 |
| | 1.5 | 48 | 1.98 | 100L2-4 | 3 | 56.5 | 1.99 | 100L2-4 | 3 | 58.3 | 2.03 | 100L2-4 | 3 |
| | 2 | — | — | — | — | 54 | 2.58 | 112M-4 | 4 | 56.4 | 2.61 | 112M-4 | 4 |
| | 2.5 | — | — | — | — | — | — | — | — | 53.5 | 3.23 | 112M-4 | 4 |
| 80—46 | 0.5 | 66.1 | 0.9 | 90L-4 | 1.5 | 76.4 | 0.9 | 90L-4 | 1.5 | 79.4 | 0.91 | 90L-4 | 1.5 |
| | 1 | 64.3 | 1.68 | 100L1-4 | 2.2 | 71 | 1.68 | 100L1-4 | 2.2 | 74.7 | 1.68 | 100L1-4 | 2.2 |
| | 1.5 | 62.4 | 2.23 | 100L2-4 | 3 | 66.1 | 2.27 | 100L2-4 | 3 | 68.5 | 2.28 | 100L2-4 | 3 |
| | 2 | — | — | — | — | 60.8 | 2.85 | 112M-4 | 4 | 62.2 | 2.87 | 112M-4 | 4 |
| | 2.5 | — | — | — | — | — | — | — | — | 55.9 | 3.46 | 112M-4 | 4 |
| * 80—54 | 0.5 | 93 | 1.12 | 90L-4 | 1.5 | 98.2 | 1.12 | 90L-4 | 1.5 | 100.7 | 1.12 | 90L-4 | 1.5 |
| | 1 | 82.1 | 2.02 | 100L2-4 | 3 | 91.3 | 2.02 | 100L2-4 | 3 | 96.5 | 2.02 | 100L2-4 | 3 |
| | 1.5 | — | — | — | — | 84.2 | 2.78 | 112M-4 | 4 | 92.6 | 2.81 | 112M-4 | 4 |
| | 2 | — | — | — | — | — | — | — | — | 88.2 | 3.59 | 132S-4 | 5.5 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 75 | | | | 150 | | | | 380 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 20—38 | 0.5 | 14.6 | 0.25 | 80M1-4 | 0.55 | 14.7 | 0.31 | 80M1-4 | 0.55 | 14.8 | 0.39 | 80M2-4 | 0.75 |
| | 1 | 14 | 0.37 | 80M2-4 | 0.75 | 14.1 | 0.43 | 80M2-4 | 0.75 | 14.2 | 0.55 | 90S-4 | 1.1 |
| | 1.5 | 13.1 | 0.58 | 90S-4 | 1.1 | 13.3 | 0.62 | 90S-4 | 1.1 | 13.5 | 0.65 | 90S-4 | 1.1 |
| | 2 | 12.5 | 0.65 | 90S-4 | 1.1 | 12.6 | 0.71 | 90S-4 | 1.1 | 12.9 | 0.75 | 90S-4 | 1.1 |
| | 2.5 | 11.5 | 0.76 | 90S-4 | 1.1 | 11.85 | 0.82 | 90S-4 | 1.1 | 12.2 | 0.9 | 90S-4 | 1.1 |
| 20—46 | 0.5 | 19 | 0.28 | 80M1-4 | 0.55 | 19.3 | 0.33 | 80M1-4 | 0.55 | 19.6 | 0.45 | 80M2-4 | 0.75 |
| | 1 | 18.4 | 0.45 | 80M2-4 | 0.75 | 18.7 | 0.52 | 80M2-4 | 0.75 | 19.1 | 0.6 | 90S-4 | 1.1 |
| | 1.5 | 17.3 | 0.74 | 90S-4 | 1.1 | 17.8 | 0.82 | 80M2-4 | 0.75 | 18.2 | 0.91 | 90S-4 | 1.1 |
| | 2 | 16.6 | 0.79 | 90S-4 | 1.1 | 17.2 | 0.88 | 90S-4 | 1.1 | 17.3 | 0.95 | 90L-4 | 1.5 |
| | 2.5 | 15.7 | 0.96 | 90L-4 | 1.5 | 16.4 | 1.03 | 90S-4 | 1.1 | 16.4 | 1.1 | 90L-4 | 1.5 |
| 40—38 | 0.5 | 30.3 | 0.41 | 80M1-4 | 0.55 | 30.6 | 0.56 | 80M2-4 | 0.75 | 30.9 | 0.6 | 80M2-4 | 0.75 |
| | 1 | 29.1 | 0.69 | 90S-4 | 1.1 | 29.4 | 0.82 | 90S-4 | 1.1 | 29.9 | 0.88 | 90S-4 | 1.1 |
| | 1.5 | 27.8 | 0.92 | 90L-4 | 1.5 | 28.1 | 1.06 | 90L-4 | 1.5 | 28.9 | 1.13 | 90L-4 | 1.5 |
| | 2 | 26.6 | 1.14 | 90L-4 | 1.5 | 26.9 | 1.29 | 100L1-4 | 2.2 | 27.9 | 1.38 | 100L1-4 | 2.2 |
| | 2.5 | 25.3 | 1.37 | 100L1-4 | 2.2 | 25.6 | 1.53 | 100L1-4 | 2.2 | 26.9 | 1.63 | 100L1-4 | 2.2 |
| 40—46 | 0.5 | 40.6 | 0.49 | 80M2-4 | 0.75 | 40.8 | 0.49 | 90S-4 | 1.1 | 41.2 | 0.61 | 90S-4 | 1.1 |
| | 1 | 39.1 | 0.85 | 90S-4 | 1.1 | 39.3 | 0.98 | 90L-4 | 1.5 | 40.1 | 1.13 | 90L-4 | 1.5 |
| | 1.5 | 37.3 | 1.15 | 90L-4 | 1.5 | 37.8 | 1.19 | 100L1-4 | 2.2 | 39 | 1.38 | 100L1-4 | 2.2 |
| | 2 | 35.6 | 1.45 | 100L1-4 | 2.2 | 36.3 | 1.53 | 100L1-4 | 2.2 | 37.9 | 1.63 | 100L2-4 | 3 |
| | 2.5 | 33.8 | 1.75 | 100L2-4 | 3 | 34.8 | 1.81 | 100L2-4 | 3 | 36.85 | 1.91 | 100L2-4 | 3 |
| * 40—54 | 0.5 | 50.9 | 0.9 | 90S-4 | 1.1 | 51.2 | 1 | 90S-4 | 1.1 | 51.5 | 1.3 | 90L-4 | 1.5 |
| | 1 | 48.7 | 1.4 | 90L-4 | 1.5 | 49.1 | 1.5 | 100L1-4 | 2.2 | 49.5 | 1.8 | 100L1-4 | 2.2 |
| | 1.5 | 46.6 | 1.8 | 100L1-4 | 2.2 | 47.1 | 2 | 100L1-4 | 2.2 | 47.6 | 2.2 | 100L2-4 | 3 |
| | 2 | 44.5 | 2.3 | 100L2-4 | 3 | 45.1 | 2.5 | 100L2-4 | 3 | 45.7 | 2.7 | 100L2-4 | 3 |
| | 2.5 | 42.4 | 2.8 | 112M-4 | 4 | 43 | 3 | 112M-4 | 4 | 43.7 | 3.2 | 112M-4 | 4 |
| 80—36 | 0.5 | 54.9 | 0.94 | 90L-4 | 1.5 | 56.1 | 1 | 90L-4 | 1.5 | 56.3 | 1.18 | 90L-4 | 1.5 |
| | 1 | 52.7 | 1.37 | 100L1-4 | 2.2 | 53.9 | 1.42 | 100L1-4 | 2.2 | 54.4 | 1.65 | 100L1-4 | 2.2 |
| | 1.5 | 50.4 | 1.75 | 100L1-4 | 2.2 | 51.6 | 1.85 | 100L2-4 | 3 | 52.5 | 2.1 | 100L2-4 | 3 |
| | 2 | 48.2 | 2.32 | 100L2-4 | 3 | 49.4 | 2.27 | 100L2-4 | 3 | 50.5 | 2.53 | 112M-4 | 4 |
| | 2.5 | 45.9 | 2.68 | 112M-4 | 4 | 47.1 | 2.71 | 112M-4 | 4 | 48.6 | 2.96 | 112M-4 | 4 |
| 80—42 | 0.5 | 64.4 | 1.1 | 90L-4 | 1.5 | 64.7 | 1.2 | 90L-4 | 1.5 | 65.2 | 1.5 | 90L-4 | 1.5 |
| | 1 | 61.6 | 1.7 | 100L1-4 | 2.2 | 62.1 | 1.8 | 100L1-4 | 2.2 | 62.6 | 2.1 | 100L1-4 | 2.2 |
| | 1.5 | 58.9 | 2.3 | 100L2-4 | 3 | 59.5 | 2.4 | 100L2-4 | 3 | 60.3 | 2.7 | 100L2-4 | 3 |
| | 2 | 56.3 | 2.9 | 112M-4 | 4 | 57 | 3 | 112M-4 | 4 | 57.8 | 3.3 | 112M-4 | 4 |
| | 2.5 | 53.7 | 3.5 | 112M-4 | 4 | 54.4 | 3.7 | 132S-4 | 5.5 | 55.3 | 4 | 132S-4 | 5.5 |
| 80—46 | 0.5 | 80.1 | 1.02 | 90L-4 | 1.5 | 80.4 | 1.1 | 90L-4 | 1.5 | 80.5 | 1.29 | 100L1-4 | 2.2 |
| | 1 | 76.1 | 1.7 | 100L1-4 | 2.2 | 77.1 | 1.8 | 100L2-4 | 3 | 77.8 | 1.99 | 100L2-4 | 3 |
| | 1.5 | 72.8 | 2.33 | 100L2-4 | 3 | 73.9 | 2.4 | 112M-4 | 4 | 75 | 2.62 | 112M-4 | 4 |
| | 2 | 69.4 | 2.94 | 112M-4 | 4 | 70.8 | 3 | 112M-4 | 4 | 72.3 | 3.24 | 132S-4 | 5.5 |
| | 2.5 | 66.1 | 3.55 | 132S-4 | 5.5 | 67.6 | 3.6 | 132S-4 | 5.5 | 69.5 | 3.87 | 132S-4 | 5.5 |
| * 80—54 | 0.5 | 103.1 | 1.2 | 90L-4 | 1.5 | 104.6 | 1.33 | 100L1-4 | 2.2 | 104.2 | 1.5 | 100L1-4 | 2.2 |
| | 1 | 99 | 2.1 | 100L2-4 | 3 | 99.9 | 2.23 | 100L2-4 | 3 | 101 | 2.4 | 100L2-4 | 3 |
| | 1.5 | 94.8 | 2.92 | 112M-4 | 4 | 95.1 | 3.05 | 112M-4 | 4 | 97.7 | 3.26 | 132S-4 | 5.5 |
| | 2 | 90.6 | 3.76 | 132S-4 | 5.5 | 90.4 | 3.86 | 132S-4 | 5.5 | 94.5 | 4.13 | 132S-4 | 5.5 |
| | 2.5 | 86.5 | 4.6 | 132M-4 | 7.5 | 85.6 | 4.68 | 132M-4 | 7.5 | 91.2 | 4.99 | 132M-4 | 7.5 |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 120—42 | 0.5 | 86.4 | 1.19 | 90L-4 | 1.5 | 91.8 | 1.19 | 90L-4 | 1.5 | 95.2 | 1.19 | 90L-4 | 1.5 |
| | 1 | 77.6 | 2.05 | 100L2-4 | 3 | 85.2 | 2.05 | 100L2-4 | 3 | 90.6 | 2.05 | 100L2-4 | 3 |
| | 1.5 | 68.7 | 2.78 | 112M-4 | 4 | 79.9 | 2.78 | 112M-4 | 4 | 86.1 | 2.81 | 112M-4 | 4 |
| | 2 | — | — | — | — | 73.8 | 3.54 | 132S-4 | 5.5 | 81.7 | 3.57 | 132S-4 | 5.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 77.2 | 4.33 | 132M-4 | 7.5 |
| 120—46 | 0.5 | 104.6 | 1.35 | 100L1-4 | 2.2 | 111.5 | 1.35 | 100L1-4 | 2.2 | 114.8 | 1.35 | 100L1-4 | 2.2 |
| | 1 | 95.1 | 2.35 | 100L2-4 | 3 | 104 | 2.35 | 100L2-4 | 3 | 109.1 | 2.35 | 100L2-4 | 3 |
| | 1.5 | 85.6 | 3.23 | 132S-4 | 5.5 | 96.5 | 3.23 | 132S-4 | 5.5 | 103.2 | 3.25 | 132S-4 | 5.5 |
| | 2 | — | — | — | — | — | — | 132S-4 | 5.5 | 97.3 | 4.15 | 132S-4 | 5.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 91.5 | 5.05 | 132M-4 | 7.5 |
| 120—50 | 0.5 | 116 | 1.39 | 100L1-4 | 2.2 | 122 | 1.41 | 100L1-4 | 2.2 | 126 | 1.5 | 100L1-4 | 2.2 |
| | 1 | 114 | 2.4 | 100L2-4 | 3 | 120 | 2.49 | 100L2-4 | 3 | 124 | 2.67 | 100L2-4 | 3 |
| | 1.5 | — | — | — | — | 118 | 3.66 | 132S-4 | 5.5 | 123 | 3.91 | 132S-4 | 5.5 |
| | 2 | — | — | — | — | — | — | 132S-4 | 5.5 | 121 | 4.88 | 132M-4 | 7.5 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| * 120—54 | 0.5 | 129 | 1.68 | 100L1-4 | 2.2 | 144 | 1.68 | 100L1-4 | 2.2 | 150.5 | 1.68 | 100L1-4 | 2.2 |
| | 1 | 120 | 2.99 | 112M-4 | 4 | 135 | 2.99 | 112M-4 | 4 | 143 | 2.99 | 112M-4 | 4 |
| | 1.5 | — | — | — | — | 126 | 4.09 | 132S-4 | 5.5 | 135.5 | 4.25 | 132S-4 | 5.5 |
| | 2 | — | — | — | — | — | — | — | — | 128 | 5.51 | 132M-4 | 7.5 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 210—36 | 0.5 | 132 | 1.68 | 100L1-4 | 2.2 | 140 | 1.68 | 100L1-4 | 2.2 | 143 | 1.68 | 100L1-4 | 2.2 |
| | 1 | 123 | 2.9 | 112M-4 | 4 | 132 | 2.9 | 112M-4 | 4 | 137 | 2.9 | 112M-4 | 4 |
| | 1.5 | 114 | 3.96 | 132S-4 | 5.5 | 124 | 3.98 | 132S-4 | 5.5 | 129.5 | 4.23 | 132S-4 | 5.5 |
| | 2 | — | — | — | — | 115 | 5.05 | 132M-4 | 7.5 | 122 | 5.57 | 132M-4 | 7.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 114.5 | 6.6 | 160M-4 | 11 |
| 210—40 | 0.5 | 152 | 1.96 | 100L2-4 | 3 | 156 | 1.96 | 100L2-4 | 3 | 163 | 1.96 | 100L2-4 | 3 |
| | 1 | 140 | 3.35 | 132S-4 | 5.5 | 148 | 3.35 | 132S-4 | 5.5 | 155 | 3.35 | 132S-4 | 5.5 |
| | 1.5 | 128 | 4.56 | 132M-4 | 7.5 | 140 | 4.59 | 132M-4 | 7.5 | 147 | 5.13 | 132M-4 | 7.5 |
| | 2 | — | — | — | — | 131 | 5.82 | 132M-4 | 7.5 | 138 | 6.14 | 132M-4 | 7.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 130 | 7.52 | 160M-4 | 11 |
| 210—46 | 0.5 | 188 | 2.32 | 100L2-4 | 3 | 199 | 2.32 | 100L2-4 | 3 | 203 | 2.32 | 100L2-4 | 3 |
| | 1 | 173 | 4.08 | 132S-4 | 5.5 | 187 | 4.08 | 132S-4 | 5.5 | 194 | 4.08 | 132S-4 | 5.5 |
| | 1.5 | 158 | 5.56 | 132M-4 | 7.5 | 175 | 5.61 | 132M-4 | 7.5 | 184 | 5.68 | 132M-4 | 7.5 |
| | 2 | — | — | — | — | 164 | 7.12 | 160M-4 | 11 | 174 | 7.28 | 160M-4 | 11 |
| | 2.5 | — | — | — | — | — | — | — | — | 164 | 8.88 | 160L-4 | 15 |
| * 210—50 | 0.5 | 211 | 2.26 | 100L2-4 | 3 | 213 | 2.38 | 112M-4 | 4 | 215 | 2.57 | 112M-4 | 4 |
| | 1 | 199 | 4.2 | 132S-4 | 5.5 | 202 | 4.38 | 132S-4 | 5.5 | 205 | 4.55 | 132S-4 | 5.5 |
| | 1.5 | — | — | — | — | 192 | 6.22 | 132M-4 | 7.5 | 196 | 6.39 | 160M-4 | 11 |
| | 2 | — | — | — | — | — | — | — | — | 187 | 8.64 | 160M-4 | 11 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| * 210—54 | 0.5 | 250 | 2.83 | 112M-4 | 4 | 253 | 2.83 | 112M-4 | 4 | 255 | 2.9 | 112M-4 | 4 |
| | 1 | 240 | 5.23 | 132M-4 | 7.5 | 242 | 5.24 | 132M-4 | 7.5 | 244 | 5.24 | 132M-4 | 7.5 |
| | 1.5 | — | — | — | — | 228 | 7.56 | 160M-4 | 11 | 232 | 7.56 | 160M-4 | 11 |
| | 2 | — | — | — | — | — | — | — | — | 221 | 9.96 | 160L-4 | 15 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 75 | | | | 150 | | | | 380 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 120—42 | 0.5 | 96.6 | 1.33 | 100L1-4 | 2.2 | 97.4 | 1.51 | 100L1-4 | 2.2 | 97.6 | 1.82 | 100L2-4 | 3 |
| | 1 | 92.5 | 2.17 | 100L2-4 | 3 | 93.7 | 2.35 | 100L2-4 | 3 | 94.7 | 2.65 | 112M-4 | 4 |
| | 1.5 | 88.4 | 2.93 | 112M-4 | 4 | 90 | 3.1 | 112M-4 | 4 | 91.8 | 3.41 | 132S-4 | 5.5 |
| | 2 | 84.3 | 3.7 | 132S-4 | 5.5 | 86.4 | 3.91 | 132S-4 | 5.5 | 88.9 | 4.21 | 132S-4 | 5.5 |
| | 2.5 | 80.2 | 4.55 | 132M-4 | 7.5 | 82.7 | 4.65 | 132M-4 | 7.5 | 86 | 4.88 | 132M-4 | 7.5 |
| 120—46 | 0.5 | 115 | 1.49 | 100L1-4 | 2.2 | 116 | 1.66 | 100L1-4 | 2.2 | 117 | 1.94 | 100L2-4 | 3 |
| | 1 | 111 | 2.48 | 112M-4 | 4 | 112 | 2.65 | 112M-4 | 4 | 113 | 2.93 | 112M-4 | 4 |
| | 1.5 | 106 | 3.32 | 132S-4 | 5.5 | 107 | 3.53 | 132S-4 | 5.5 | 109 | 3.82 | 132S-4 | 5.5 |
| | 2 | 101 | 4.16 | 132M-4 | 7.5 | 102 | 4.41 | 132M-4 | 7.5 | 104 | 4.71 | 132M-4 | 7.5 |
| | 2.5 | 96 | 5.01 | 160M-4 | 11 | 97 | 5.31 | 160M-4 | 11 | 100.5 | 5.6 | 160M-4 | 11 |
| 120—50 | 0.5 | 128 | 1.61 | 100L1-4 | 2.2 | 129 | 1.75 | 100L1-4 | 2.2 | 129 | 2.2 | 100L2-4 | 3 |
| | 1 | 126 | 3.1 | 112M-4 | 4 | 127 | 3.4 | 112M-4 | 4 | 128 | 3.9 | 132S-4 | 5.5 |
| | 1.5 | 125 | 4.1 | 132S-4 | 5.5 | 126 | 4.5 | 132S-4 | 5.5 | 127 | 5.1 | 132M-4 | 7.5 |
| | 2 | 123 | 5.4 | 132M-4 | 7.5 | 124 | 5.7 | 132M-4 | 7.5 | 125 | 6.3 | 132M-4 | 7.5 |
| | 2.5 | 120 | 6.6 | 132M-4 | 7.5 | 121 | 6.9 | 160M-4 | 11 | 121 | 7.4 | 160M-4 | 11 |
| * 120—54 | 0.5 | 152 | 1.8 | 100L1-4 | 2.2 | 154 | 1.99 | 100L1-4 | 2.2 | 155 | 2.28 | 100L2-4 | 3 |
| | 1 | 146 | 3.12 | 112M-4 | 4 | 147 | 3.3 | 112M-4 | 4 | 149 | 3.58 | 132S-4 | 5.5 |
| | 1.5 | 139 | 4.28 | 132S-4 | 5.5 | 140 | 4.65 | 132S-4 | 5.5 | 142 | 4.81 | 132M-4 | 7.5 |
| | 2 | 132 | 5.39 | 132M-4 | 7.5 | 133 | 5.65 | 132M-4 | 7.5 | 135 | 5.96 | 132M-4 | 7.5 |
| | 2.5 | 126 | 6.51 | 132M-4 | 7.5 | 127 | 6.85 | 160M-4 | 11 | 129 | 7.11 | 160M-4 | 11 |
| 210—36 | 0.5 | 144 | 1.73 | 100L2-4 | 3 | 143 | 1.95 | 100L2-4 | 3 | 145 | 2.63 | 112M-4 | 4 |
| | 1 | 138 | 3.03 | 112M-4 | 4 | 139 | 3.32 | 112M-4 | 4 | 141 | 3.74 | 132S-4 | 5.5 |
| | 1.5 | 133 | 4.43 | 132S-4 | 5.5 | 134 | 4.4 | 132S-4 | 5.5 | 136 | 4.88 | 132M-4 | 7.5 |
| | 2 | 128 | 5.93 | 132M-4 | 7.5 | 130 | 5.62 | 132M-4 | 7.5 | 131 | 5.95 | 132M-4 | 7.5 |
| | 2.5 | 123 | 7.33 | 160M-4 | 11 | 126.5 | 6.85 | 160M-4 | 11 | 126 | 7.11 | 160M-4 | 11 |
| 210—40 | 0.5 | 163 | 2.08 | 100L2-4 | 3 | 165 | 2.41 | 100L2-4 | 3 | 165 | 2.85 | 112M-4 | 4 |
| | 1 | 157 | 3.53 | 132S-4 | 5.5 | 159 | 3.81 | 132S-4 | 5.5 | 160 | 4.29 | 132S-4 | 5.5 |
| | 1.5 | 151 | 5.12 | 132M-4 | 7.5 | 152 | 5.41 | 132M-4 | 7.5 | 154 | 5.78 | 132M-4 | 7.5 |
| | 2 | 145 | 6.3 | 160M-4 | 11 | 145 | 6.61 | 160M-4 | 11 | 148 | 7.09 | 160M-4 | 11 |
| | 2.5 | 139 | 7.69 | 160M-4 | 11 | 139 | 7.99 | 160M-4 | 11 | 142 | 8.48 | 160M-4 | 11 |
| 210—46 | 0.5 | 204 | 2.5 | 112M-4 | 4 | 205 | 2.78 | 112M-4 | 4 | 207 | 3.26 | 132S-4 | 5.5 |
| | 1 | 197 | 4.25 | 132S-4 | 5.5 | 198 | 4.53 | 132M-4 | 7.5 | 200 | 5.03 | 132M-4 | 7.5 |
| | 1.5 | 190 | 5.89 | 132M-4 | 7.5 | 191 | 6.18 | 160M-4 | 11 | 193 | 6.71 | 160M-4 | 11 |
| | 2 | 184 | 7.55 | 160M-4 | 11 | 185 | 7.81 | 160M-4 | 11 | 187 | 8.29 | 160M-4 | 11 |
| | 2.5 | 177 | 8.98 | 160L-4 | 15 | 178 | 9.48 | 160L-4 | 15 | 180 | 9.88 | 160L-4 | 15 |
| 210—50 | 0.5 | 216 | 3.3 | 112M-4 | 4 | 218 | 3.8 | 112M-4 | 4 | 219 | 4.5 | 132S-4 | 5.5 |
| | 1 | 207 | 5.4 | 132M-4 | 7.5 | 209 | 5.8 | 132M-4 | 7.5 | 210 | 6.6 | 132M-4 | 7.5 |
| | 1.5 | 198 | 7.4 | 160M-4 | 11 | 200 | 7.9 | 160M-4 | 11 | 202 | 8.7 | 160M-4 | 11 |
| | 2 | 189 | 9.5 | 160M-4 | 11 | 192 | 9.9 | 160M-4 | 11 | 194 | 10.8 | 160L-4 | 15 |
| | 2.5 | 180 | 11.5 | 160L-4 | 15 | 183 | 12 | 160L-4 | 15 | 186 | 12.9 | 160L-4 | 15 |
| * 210—54 | 0.5 | 256 | 3.9 | 112M-4 | 4 | 257 | 4.4 | 132S-4 | 5.5 | 259 | 5.4 | 132S-4 | 5.5 |
| | 1 | 244 | 6.3 | 132M-4 | 7.5 | 247 | 5.67 | 132M-4 | 7.5 | 249 | 7.9 | 160M-4 | 11 |
| | 1.5 | 234 | 8.8 | 160M-4 | 11 | 236 | 9.3 | 160M-4 | 11 | 239 | 10.3 | 160M-4 | 11 |
| | 2 | 223 | 11.2 | 160L-4 | 15 | 227 | 11.8 | 160L-4 | 15 | 230 | 12.8 | 160L-4 | 15 |
| | 2.5 | 213 | 13.6 | 160L-4 | 15 | 216 | 14.2 | 160L-4 | 15 | 220 | 15.3 | 180M-4 | 18.5 |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 280—43 | 0.5 | 215 | 2.93 | 112M-4 | 4 | 224 | 2.93 | 112M-4 | 4 | 227 | 2.93 | 112M-4 | 4 |
| | 1 | 196 | 4.98 | 132M-4 | 7.5 | 210 | 4.98 | 132M-4 | 7.5 | 218 | 4.98 | 132M-4 | 7.5 |
| | 1.5 | 177 | 6.71 | 160M-4 | 11 | 197 | 6.75 | 160M-4 | 11 | 206 | 7.23 | 160M-4 | 11 |
| | 2 | 157 | 8.44 | 160L-4 | 15 | 183 | 8.55 | 160M-4 | 11 | 196 | 9.1 | 160M-4 | 11 |
| | 2.5 | — | — | — | — | - | - | 160L-4 | 15 | 184 | 11.1 | 160L-4 | 15 |
| 280—46 | 0.5 | 245 | 3.18 | 112M-4 | 4 | 253 | 3.18 | 112M-4 | 4 | 259 | 3.18 | 112M-4 | 4 |
| | 1 | 226 | 5.54 | 132M-4 | 7.5 | 240 | 5.54 | 132M-4 | 7.5 | 249 | 5.54 | 132M-4 | 7.5 |
| | 1.5 | 206 | 7.47 | 160M-4 | 11 | 227 | 7.48 | 160M-4 | 11 | 237 | 8.03 | 160M-4 | 11 |
| | 2 | 187 | 9.83 | 160L-4 | 15 | 212 | 9.41 | 160L-4 | 15 | 227 | 10.2 | 160L-4 | 15 |
| | 2.5 | — | — | — | — | - | - | 160L-4 | 15 | 215 | 12.8 | 160L-4 | 15 |
| * 280—50 | 0.5 | 262 | 3.3 | 132S-4 | 5.5 | 266 | 3.35 | 132S-4 | 5.5 | 268 | 3.47 | 132S-4 | 5.5 |
| | 1 | 248 | 6.01 | 132M-4 | 7.5 | 252 | 6.11 | 132M-4 | 7.5 | 256 | 6.22 | 132M-4 | 7.5 |
| | 1.5 | 235 | 8.56 | 160M-4 | 11 | 241 | 8.72 | 160M-4 | 11 | 245 | 8.97 | 160M-4 | 11 |
| | 2 | — | — | — | — | 228 | 10.7 | 160L-4 | 15 | 233 | 11.4 | 160L-4 | 15 |
| | 2.5 | — | — | — | — | — | — | 180M-4 | 18.5 | 217 | 14.2 | 180M-4 | 18.5 |
| * 280—54 | 0.5 | 324 | 3.95 | 132S-4 | 5.5 | 334 | 3.96 | 132S-4 | 5.5 | 343 | 3.96 | 132S-4 | 5.5 |
| | 1 | 290 | 7.08 | 160M-4 | 11 | 316 | 7.08 | 160M-4 | 11 | 329 | 7.08 | 160M-4 | 11 |
| | 1.5 | 284 | 10.2 | 160L-4 | 15 | 298 | 10.2 | 160L-4 | 15 | 316 | 10.2 | 160L-4 | 15 |
| | 2 | — | — | — | — | 278 | 12.12 | 180M-4 | 18.5 | 302 | 12.9 | 180M-4 | 18.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 288 | 15.8 | 180L-4 | 22 |
| 440—36 | 0.5 | 287 | 3.87 | 132S-4 | 5.5 | 295 | 3.87 | 132S-4 | 5.5 | 301 | 3.87 | 132S-4 | 5.5 |
| | 1 | 268 | 6.41 | 160M-4 | 11 | 282 | 6.41 | 160M-4 | 11 | 291 | 6.41 | 160M-4 | 11 |
| | 1.5 | 248 | 8.53 | 160M-4 | 11 | 269 | 8.57 | 160M-4 | 11 | 280 | 9.11 | 160M-4 | 11 |
| | 2 | 228 | 10.65 | 160L-4 | 15 | 257 | 10.73 | 160L-4 | 15 | 269 | 11.45 | 160L-4 | 15 |
| | 2.5 | — | — | — | — | - | - | 180M-4 | 18.5 | 258 | 14 | 180M-4 | 18.5 |
| 440—40 | 0.5 | 318 | 4.15 | 132S-4 | 5.5 | 327 | 4.15 | 132S-4 | 5.5 | 333 | 4.15 | 132S-4 | 5.5 |
| | 1 | 298 | 7.02 | 160M-4 | 11 | 314 | 7.02 | 160M-4 | 11 | 323 | 7.02 | 160M-4 | 11 |
| | 1.5 | 278 | 9.42 | 160L-4 | 15 | 301 | 9.67 | 160L-4 | 15 | 313 | 10.2 | 160L-4 | 15 |
| | 2 | 258 | 11.82 | 160L-4 | 15 | 287 | 12.32 | 160L-4 | 15 | 303 | 12.8 | 160L-4 | 15 |
| | 2.5 | — | — | — | — | — | — | 180M-4 | 18.5 | 293 | 15.8 | 180M-4 | 18.5 |
| 440—42 | 0.5 | 339 | 4.21 | 132S-4 | 5.5 | 343 | 4.29 | 132S-4 | 5.5 | 346 | 4.44 | 132S-4 | 5.5 |
| | 1 | 320 | 7.56 | 160M-4 | 11 | 326 | 7.56 | 160M-4 | 11 | 330 | 7.78 | 160M-4 | 11 |
| | 1.5 | 304 | 10.3 | 160L-4 | 15 | 310 | 10.6 | 160L-4 | 15 | 316 | 10.9 | 160L-4 | 15 |
| | 2 | 288 | 13.4 | 180M-4 | 18.5 | 297 | 13.8 | 180M-4 | 18.5 | 301 | 14.1 | 180M-4 | 18.5 |
| | 2.5 | — | — | — | — | — | — | 180L-4 | 22 | 288 | 17.1 | 180L-4 | 22 |
| 440—46 | 0.5 | 406 | 4.95 | 132M-4 | 7.5 | 417 | 4.95 | 132M-4 | 7.5 | 428 | 4.89 | 132M-4 | 7.5 |
| | 1 | 378 | 8.64 | 160M-4 | 11 | 400 | 8.64 | 160M-4 | 11 | 411 | 8.64 | 160M-4 | 11 |
| | 1.5 | 349 | 11.94 | 160L-4 | 15 | 383 | 12.11 | 160L-4 | 15 | 394 | 12.4 | 160L-4 | 15 |
| | 2 | 320 | 16.1 | 180L-4 | 22 | 366 | 15.6 | 180L-4 | 22 | 378 | 16.2 | 180L-4 | 22 |
| | 2.5 | — | — | — | — | — | — | 200L-4 | 30 | 361 | 19.8 | 200L-4 | 30 |
| * 440—51 | 0.5 | 467 | 5.28 | 132M-4 | 7.5 | 472 | 5.35 | 132M-4 | 7.5 | 476 | 5.66 | 132M-4 | 7.5 |
| | 1 | 440 | 9.4 | 160L-4 | 15 | 448 | 9.61 | 160L-4 | 15 | 454 | 9.98 | 160L-4 | 15 |
| | 1.5 | 413 | 13.5 | 180M-4 | 18.5 | 424 | 13.9 | 180M-4 | 18.5 | 432 | 14.3 | 180M-4 | 18.5 |
| | 2 | — | — | — | — | 400 | 18.1 | 180L-4 | 22 | 410 | 18.6 | 180L-4 | 22 |
| | 2.5 | — | — | — | — | — | — | 200L-4 | 30 | 388 | 22.9 | 200L-4 | 30 |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 75 | | | | 150 | | | | 380 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 280-43 | 0.5 | 229 | 3.21 | 132S-4 | 5.5 | 232 | 3.54 | 132S-4 | 5.5 | 233 | 4.31 | 132S-4 | 5.5 |
| | 1 | 222 | 5.28 | 132M-4 | 7.5 | 223 | 5.67 | 132M-4 | 7.5 | 225 | 6.44 | 160M-4 | 11 |
| | 1.5 | 214 | 7.35 | 160M-4 | 11 | 215 | 7.73 | 160M-4 | 11 | 216 | 8.59 | 160M-4 | 11 |
| | 2 | 205 | 9.38 | 160L-4 | 15 | 206 | 9.78 | 160L-4 | 15 | 207 | 10.7 | 160L-4 | 15 |
| | 2.5 | 198 | 11.4 | 160L-4 | 15 | 197 | 11.8 | 160L-4 | 15 | 198 | 12.6 | 160L-4 | 15 |
| 280-46 | 0.5 | 260 | 3.41 | 132S-4 | 5.5 | 263 | 3.82 | 132S-4 | 5.5 | 266 | 4.65 | 132M-4 | 7.5 |
| | 1 | 252 | 5.83 | 132M-4 | 7.5 | 254 | 6.22 | 132M-4 | 7.5 | 256 | 6.99 | 160M-4 | 11 |
| | 1.5 | 245 | 8.16 | 160M-4 | 11 | 246 | 8.55 | 160M-4 | 11 | 247 | 9.33 | 160L-4 | 15 |
| | 2 | 236 | 10.5 | 160L-4 | 15 | 237 | 10.9 | 160L-4 | 15 | 237 | 11.7 | 160L-4 | 15 |
| | 2.5 | 228 | 12.8 | 160L-4 | 15 | 236 | 13.2 | 180M-4 | 18.5 | 227 | 14 | 180M-4 | 18.5 |
| * 280-50 | 0.5 | 270 | 4.3 | 132S-4 | 5.5 | 271 | 4.8 | 132M-4 | 7.5 | 273 | 5.8 | 132M-4 | 7.5 |
| | 1 | 258 | 6.9 | 160M-4 | 11 | 260 | 7.5 | 160M-4 | 11 | 262 | 8.5 | 160M-4 | 11 |
| | 1.5 | 247 | 9.6 | 160L-4 | 15 | 249 | 10.1 | 160L-4 | 15 | 252 | 11.2 | 160L-4 | 15 |
| | 2 | 236 | 12.2 | 160L-4 | 15 | 239 | 12.8 | 160L-4 | 15 | 242 | 13.9 | 180M-4 | 18.5 |
| | 2.5 | 225 | 14.9 | 180M-4 | 18.5 | 228 | 15.5 | 180M-4 | 18.5 | 232 | 16.7 | 180L-4 | 22 |
| * 280-54 | 0.5 | 345 | 4.26 | 132S-4 | 5.5 | 346 | 4.66 | 132M-4 | 7.5 | — | — | — | — |
| | 1 | 335 | 7.38 | 160M-4 | 11 | 336 | 7.77 | 160M-4 | 11 | — | — | — | — |
| | 1.5 | 324 | 10.5 | 160L-4 | 15 | 325 | 10.9 | 160L-4 | 15 | — | — | — | — |
| | 2 | 314 | 13.6 | 180M-4 | 18.5 | 315 | 14 | 180M-4 | 18.5 | — | — | — | — |
| | 2.5 | 303 | 16.9 | 180L-4 | 22 | 304 | 17.1 | 180L-4 | 22 | — | — | — | — |
| 440—36 | 0.5 | 300 | 3.91 | 132S-4 | 5.5 | 302 | 4.15 | 132S-4 | 5.5 | 303 | 5.5 | 132M-4 | 7.5 |
| | 1 | 292 | 6.81 | 160M-4 | 11 | 294 | 7.21 | 160M-4 | 11 | 296 | 8.34 | 160M-4 | 11 |
| | 1.5 | 284 | 8.89 | 160M-4 | 11 | 287 | 9.31 | 160L-4 | 15 | 288 | 11.1 | 160L-4 | 15 |
| | 2 | 277 | 11.5 | 160L-4 | 15 | 279 | 11.9 | 160L-4 | 15 | 281 | 13.7 | 180M-4 | 18.5 |
| | 2.5 | 269 | 14.1 | 180M-4 | 18.5 | 271 | 14.5 | 180M-4 | 18.5 | 273 | 16.1 | 180L-4 | 22 |
| 440—40 | 0.5 | 338 | 4.58 | 132M-4 | 7.5 | 339 | 5.1 | 132M-4 | 7.5 | 340 | 6.25 | 160M-4 | 11 |
| | 1 | 326 | 7.48 | 160M-4 | 11 | 328 | 8.01 | 160M-4 | 11 | 330 | 9.18 | 160L-4 | 15 |
| | 1.5 | 314 | 10.3 | 160L-4 | 15 | 317 | 10.9 | 160L-4 | 15 | 319 | 12.1 | 160L-4 | 15 |
| | 2 | 312 | 13.2 | 180M-4 | 18.5 | 306 | 13.8 | 180M-4 | 18.5 | 308 | 15 | 180M-4 | 18.5 |
| | 2.5 | 294 | 16.1 | 180L-4 | 22 | 295 | 16.7 | 180L-4 | 22 | 297 | 17.8 | 180L-4 | 22 |
| 440—42 | 0.5 | 348 | 5.1 | 132M-4 | 7.5 | 350 | 5.8 | 132M-4 | 7.5 | 352 | 6.9 | 160M-4 | 11 |
| | 1 | 332 | 8.4 | 160M-4 | 11 | 335 | 9.1 | 160M-4 | 11 | 338 | 10.3 | 160L-4 | 15 |
| | 1.5 | 318 | 11.7 | 160L-4 | 15 | 321 | 12.4 | 160L-4 | 15 | 325 | 13.6 | 180M-4 | 18.5 |
| | 2 | 304 | 15 | 180M-4 | 18.5 | 308 | 15.7 | 180M-4 | 18.5 | 312 | 17 | 180L-4 | 22 |
| | 2.5 | 290 | 18.3 | 180L-4 | 22 | 294 | 19 | 180L-4 | 22 | 299 | 20.4 | 200L-4 | 30 |
| 440—46 | 0.5 | 432 | 5.38 | 132M-4 | 7.5 | 433 | 5.92 | 132M-4 | 7.5 | 435 | 7.09 | 160M-4 | 11 |
| | 1 | 417 | 9.08 | 160M-4 | 11 | 418 | 9.61 | 160L-4 | 15 | 420 | 10.8 | 160L-4 | 15 |
| | 1.5 | 401 | 12.7 | 160L-4 | 15 | 403 | 13.3 | 180M-4 | 18.5 | 405 | 14.5 | 180M-4 | 18.5 |
| | 2 | 385 | 16.5 | 180L-4 | 22 | 388 | 16.9 | 180L-4 | 22 | 390 | 18.1 | 180L-4 | 22 |
| | 2.5 | 370 | 20.1 | 200L-4 | 30 | 373 | 20.6 | 200L-4 | 30 | 375 | 21.8 | 200L-4 | 30 |
| * 440—51 | 0.5 | 478 | 7.1 | 160M-4 | 11 | 481 | 7.9 | 160M-4 | 11 | 484 | 9.5 | 160M-4 | 11 |
| | 1 | 457 | 11.6 | 160L-4 | 15 | 461 | 12.5 | 160L-4 | 15 | 465 | 14.1 | 160L-4 | 15 |
| | 1.5 | 438 | 16.1 | 180M-4 | 18.5 | 442 | 17 | 180M-4 | 18.5 | 447 | 18.8 | 180L-4 | 22 |
| | 2 | 418 | 20.6 | 200L-4 | 30 | 423 | 21.6 | 200L-4 | 30 | 430 | 23.4 | 200L-4 | 30 |
| | 2.5 | 399 | 25.1 | 200L-4 | 30 | 404 | 26.1 | 200L-4 | 30 | 411 | 28 | 200L-4 | 30 |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| * 440—54 | 0.5 | 505 | 6.1 | 132M-4 | 7.5 | 532 | 6.1 | 132M-4 | 7.5 | 556 | 6.1 | 132M-4 | 7.5 |
| | 1 | 479 | 10.9 | 160L-4 | 15 | 516 | 10.9 | 160L-4 | 15 | 537 | 10.9 | 160L-4 | 15 |
| | 1.5 | 453 | 15.5 | 180M-4 | 18.5 | 500 | 15.5 | 180M-4 | 18.5 | 517 | 15.8 | 180M-4 | 18.5 |
| | 2 | — | — | — | — | 484 | 19.8 | 200L-4 | 30 | 498 | 20.3 | 200L-4 | 30 |
| | 2.5 | — | — | — | — | — | — | — | — | 479 | 25 | 200L-4 | 30 |
| 660—36 | 0.5 | 408 | 4.88 | 132M-4 | 7.5 | 418 | 5.01 | 132M-4 | 7.5 | 420 | 5.38 | 132M-4 | 7.5 |
| | 1 | 396 | 8.68 | 160M-4 | 11 | 404 | 8.81 | 160M-4 | 11 | 408 | 9.53 | 160L-4 | 15 |
| | 1.5 | 389 | 12.3 | 160L-4 | 15 | 396 | 12.6 | 160L-4 | 15 | 397 | 12.8 | 160L-4 | 15 |
| | 2 | 381 | 16.2 | 180L-4 | 22 | 384 | 16.7 | 180L-4 | 22 | 386 | 16.8 | 180L-4 | 22 |
| | 2.5 | — | — | — | — | 372 | 19.7 | 200L-4 | 30 | 376 | 20.5 | 200L-4 | 30 |
| 660—40 | 0.5 | 480 | 6.3 | 160M-4 | 11 | 495 | 6.3 | 160M-4 | 11 | 498 | 6.3 | 160M-4 | 11 |
| | 1 | 452 | 10.8 | 160L-4 | 15 | 473 | 10.8 | 160L-4 | 15 | 485 | 10.8 | 160L-4 | 15 |
| | 1.5 | 424 | 14.7 | 180M-4 | 18.5 | 450 | 15 | 180M-4 | 18.5 | 471 | 15.6 | 180M-4 | 18.5 |
| | 2 | 406 | 19.7 | 200L-4 | 30 | 428 | 19.7 | 200L-4 | 30 | 456 | 19.7 | 200L-4 | 30 |
| | 2.5 | — | — | — | — | — | — | 200L-4 | 30 | 440 | 24.3 | 200L-4 | 30 |
| 660—44 | 0.5 | 539 | 6.9 | 160M-4 | 11 | 551 | 6.9 | 160M-4 | 11 | 568 | 6.91 | 160M-4 | 11 |
| | 1 | 503 | 12.2 | 160L-4 | 15 | 529 | 12.2 | 160L-4 | 15 | 546 | 12.2 | 160L-4 | 15 |
| | 1.5 | 467 | 16.5 | 180L-4 | 22 | 506 | 16.7 | 180L-4 | 22 | 524 | 17.3 | 180L-4 | 22 |
| | 2 | — | — | — | — | 484 | 21.2 | 200L-4 | 30 | 501 | 21.9 | 200L-4 | 30 |
| | 2.5 | — | — | — | — | — | — | 2255-4 | 37 | 479 | 26.9 | 2255-4 | 37 |
| 660—46 | 0.5 | 588 | 7.32 | 160M-4 | 11 | 607 | 7.32 | 160M-4 | 11 | 619 | 7.5 | 160M-4 | 11 |
| | 1 | 549 | 12.8 | 160L-4 | 15 | 578 | 12.8 | 160L-4 | 15 | 594 | 12.8 | 160L-4 | 15 |
| | 1.5 | 511 | 17.5 | 180L-4 | 22 | 549 | 17.8 | 180L-4 | 22 | 569 | 18.8 | 180L-4 | 22 |
| | 2 | 472 | 23.9 | 200L-4 | 30 | 520 | 22.7 | 200L-4 | 30 | 544 | 23.9 | 200L-4 | 30 |
| | 2.5 | — | — | — | — | — | — | 2255-4 | 37 | 519 | 29.3 | 2255-4 | 37 |
| * 660—51 | 0.5 | 699 | 8.21 | 160M-4 | 11 | 731 | 8.33 | 160M-4 | 11 | 737 | 8.56 | 160M-4 | 11 |
| | 1 | 647 | 14.5 | 180M-4 | 18.5 | 685 | 14.6 | 180M-4 | 18.5 | 700 | 15.1 | 180M-4 | 18.5 |
| | 1.5 | 595 | 19.9 | 200L-4 | 30 | 640 | 20.7 | 200L-4 | 30 | 662 | 21.7 | 200L-4 | 30 |
| | 2 | — | — | — | — | 595 | 28 | 2255-4 | 37 | 625 | 28.3 | 2255-4 | 37 |
| | 2.5 | — | — | — | — | — | — | 225M-4 | 45 | 587 | 34.9 | 225M-4 | 45 |
| * 660—54 | 0.5 | 796 | 9.25 | 160L-4 | 15 | 814 | 9.25 | 160L-4 | 15 | 829 | 9.45 | 160L-4 | 15 |
| | 1 | 725 | 16.8 | 180L-4 | 22 | 771 | 16.8 | 180L-4 | 22 | 797 | 16.8 | 180L-4 | 22 |
| | 1.5 | 687 | 24.1 | 200L-4 | 30 | 728 | 23.3 | 200L-4 | 30 | 764 | 23.7 | 200L-4 | 30 |
| | 2 | — | — | — | — | 684 | 29.7 | 2255-4 | 37 | 731 | 30.8 | 2255-4 | 37 |
| | 2.5 | — | — | — | — | — | — | — | — | 698 | 37.9 | 225M-4 | 45 |
| 940—40 | 0.5 | 668 | 7.3 | 160M-4 | 11 | 689 | 7.9 | 160M-4 | 11 | 715 | 8.8 | 160M-4 | 11 |
| | 1 | 627 | 13.6 | 160L-4 | 15 | 648 | 14.3 | 180M-4 | 18.5 | 691 | 15.1 | 180M-4 | 18.5 |
| | 1.5 | 592 | 20 | 200L-4 | 30 | 611 | 20.6 | 200L-4 | 30 | 664 | 21.5 | 200L-4 | 30 |
| | 2 | 558 | 26.3 | 200L-4 | 30 | 570 | 26.9 | 2255-4 | 37 | 643 | 27.8 | 2255-4 | 37 |
| | 2.5 | — | — | — | — | 530 | 33.3 | 225M-4 | 45 | 618 | 34.1 | 225M-4 | 45 |
| 940—42 | 0.5 | 723 | 7.9 | 160M-4 | 11 | 747 | 8.6 | 160M-4 | 11 | 775 | 9.5 | 160M-4 | 11 |
| | 1 | 678 | 14.8 | 180M-4 | 18.5 | 702 | 15.5 | 180M-4 | 18.5 | 749 | 16.4 | 180M-4 | 18.5 |
| | 1.5 | 641 | 21.7 | 200L-4 | 30 | 662 | 22.3 | 200L-4 | 30 | 719 | 23.2 | 200L-4 | 30 |
| | 2 | — | — | — | — | — | — | — | — | 697 | 30.1 | 2255-4 | 37 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |

转速 Rotating Speed N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 75 | | | | 150 | | | | 380 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| * 440—54 | 0.5 | 565 | 6.48 | 160M-4 | 11 | 571 | 7.07 | 160M-4 | 11 | — | — | — | — |
| | 1 | 544 | 11.4 | 160L-4 | 15 | 549 | 11.9 | 160L-4 | 15 | — | — | — | — |
| | 1.5 | 523 | 16.2 | 180L-4 | 22 | 527 | 16.4 | 180L-4 | 22 | — | — | — | — |
| | 2 | 502 | 21.1 | 200L-4 | 30 | 504 | 20.9 | 200L-4 | 30 | — | — | — | — |
| | 2.5 | 482 | 26.1 | 200L-4 | 30 | 482 | 26.2 | 2255-4 | 37 | — | — | — | — |
| 660—36 | 0.5 | 421 | 5.8 | 132M-4 | 7.5 | 422 | 6.3 | 160M-4 | 11 | 424 | 7.2 | 160M-4 | 11 |
| | 1 | 410 | 9.7 | 160L-4 | 15 | 412 | 10.2 | 160L-4 | 15 | 412 | 11.1 | 160L-4 | 15 |
| | 1.5 | 398 | 13.6 | 180M-4 | 18.5 | 399 | 14.1 | 180M-4 | 18.5 | 399 | 15 | 180M-4 | 18.5 |
| | 2 | 386 | 17.5 | 180L-4 | 22 | 387 | 18 | 180L-4 | 22 | 386 | 18.9 | 180L-4 | 22 |
| | 2.5 | 378 | 21.4 | 200L-4 | 30 | 378 | 21.9 | 200L-4 | 30 | 379 | 22.8 | 200L-4 | 30 |
| 660—40 | 0.5 | 506 | 6.93 | 160M-4 | 11 | 507 | 6.88 | 160M-4 | 11 | 509 | 8.22 | 160L-4 | 15 |
| | 1 | 489 | 11.5 | 160L-4 | 15 | 491 | 12.2 | 160L-4 | 15 | 493 | 13.9 | 180M-4 | 18.5 |
| | 1.5 | 473 | 15.5 | 180M-4 | 18.5 | 476 | 16.7 | 180L-4 | 22 | 478 | 18 | 180L-4 | 22 |
| | 2 | 458 | 20.1 | 200L-4 | 30 | 461 | 21.6 | 200L-4 | 30 | 463 | 22.7 | 200L-4 | 30 |
| | 2.5 | 443 | 26.1 | 200L-4 | 30 | 446 | 26.4 | 200L-4 | 30 | 448 | 27.6 | 2255-4 | 37 |
| 660—44 | 0.5 | 570 | 7.53 | 160M-4 | 11 | 572 | 8.28 | 160M-4 | 11 | 575 | 10.1 | 160L-4 | 15 |
| | 1 | 552 | 12.7 | 160L-4 | 15 | 555 | 13.4 | 180M-4 | 18.5 | 558 | 15.2 | 180M-4 | 18.5 |
| | 1.5 | 534 | 17.7 | 180L-4 | 22 | 538 | 18.5 | 180L-4 | 22 | 540 | 20.2 | 200L-4 | 30 |
| | 2 | 515 | 22.7 | 200L-4 | 30 | 519 | 23.5 | 200L-4 | 30 | 522 | 25.2 | 200L-4 | 30 |
| | 2.5 | 497 | 27.7 | 2255-4 | 37 | 502 | 28.6 | 2255-4 | 37 | 505 | 30.2 | 2255-4 | 37 |
| 660—46 | 0.5 | 621 | 7.9 | 160M-4 | 11 | 624 | 8.7 | 160L-4 | 15 | 628 | 10.5 | 160L-4 | 15 |
| | 1 | 600 | 13.4 | 180M-4 | 18.5 | 603 | 14.2 | 180M-4 | 18.5 | 607 | 16 | 180M-4 | 18.5 |
| | 1.5 | 579 | 18.9 | 180L-4 | 22 | 582 | 19.7 | 200L-4 | 30 | 585 | 21.4 | 200L-4 | 30 |
| | 2 | 559 | 24.4 | 200L-4 | 30 | 562 | 25.2 | 200L-4 | 30 | 564 | 26.8 | 2255-4 | 37 |
| | 2.5 | 538 | 29.9 | 2255-4 | 37 | 540 | 30.7 | 2255-4 | 37 | 542 | 32.2 | 225M-4 | 45 |
| * 660—51 | 0.5 | 740 | 9.7 | 160L-4 | 15 | 745 | 10.6 | 160L-4 | 15 | 746 | 12.2 | 160L-4 | 15 |
| | 1 | 707 | 16.3 | 180M-4 | 18.5 | 715 | 17.2 | 180L-4 | 22 | 716 | 18.8 | 180L-4 | 22 |
| | 1.5 | 678 | 22.9 | 200L-4 | 30 | 685 | 23.8 | 200L-4 | 30 | 686 | 25.4 | 200L-4 | 30 |
| | 2 | 648 | 29.5 | 2255-4 | 37 | 656 | 30.3 | 2255-4 | 37 | 657 | 31.9 | 2255-4 | 37 |
| | 2.5 | 618 | 36 | 225M-4 | 45 | 626 | 36.9 | 225M-4 | 45 | 627 | 38.5 | 225M-4 | 45 |
| * 660—54 | 0.5 | 835 | 9.88 | 160L-4 | 15 | 838 | 10.6 | 160L-4 | 15 | — | — | — | — |
| | 1 | 806 | 17.4 | 180L-4 | 22 | 809 | 18.1 | 180L-4 | 22 | — | — | — | — |
| | 1.5 | 778 | 24.3 | 200L-4 | 30 | 780 | 25.1 | 200L-4 | 30 | — | — | — | — |
| | 2 | 749 | 31.1 | 225M-4 | 45 | 752 | 32.1 | 225M-4 | 45 | — | — | — | — |
| | 2.5 | 720 | 39.8 | 250M-4 | 55 | 723 | 39.3 | 250M-4 | 55 | — | — | — | — |
| 940—40 | 0.5 | 724 | 8.87 | 160L-4 | 15 | 731 | 9.88 | 160L-4 | 15 | 737 | 11.1 | 160L-4 | 15 |
| | 1 | 706 | 15.3 | 180M-4 | 18.5 | 718 | 15.4 | 180M-4 | 18.5 | 729 | 17.5 | 180L-4 | 22 |
| | 1.5 | 686 | 21.3 | 200L-4 | 30 | 704 | 22.3 | 200L-4 | 30 | 719 | 23.4 | 200L-4 | 30 |
| | 2 | 671 | 27.8 | 2255-4 | 37 | 693 | 28.8 | 2255-4 | 37 | 713 | 30.9 | 2255-4 | 37 |
| | 2.5 | 652 | 33.8 | 225M-4 | 45 | 680 | 34.6 | 225M-4 | 45 | 704 | 36.6 | 225M-4 | 45 |
| 940—42 | 0.5 | 784 | 10.1 | 160L-4 | 15 | 792 | 10.9 | 160L-4 | 15 | 798 | 13.4 | 180M-4 | 18.5 |
| | 1 | 765 | 16.5 | 180L-4 | 22 | 778 | 17.5 | 180L-4 | 22 | 790 | 20 | 200L-4 | 30 |
| | 1.5 | 743 | 23.1 | 200L-4 | 30 | 763 | 24.1 | 200L-4 | 30 | 779 | 26.4 | 2255-4 | 37 |
| | 2 | 727 | 29.5 | 2255-4 | 37 | 751 | 30.5 | 2255-4 | 37 | 772 | 33 | 225M-4 | 45 |
| | 2.5 | 706 | 36.1 | 225M-4 | 45 | 736 | 37 | 225M-4 | 45 | 763 | 39.2 | 225M-4 | 45 |

转速 Rotating Speed

N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|--------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 940—46 | 0.5 | 811 | 9.1 | 160L-4 | 15 | 862 | 9.9 | 160L-4 | 15 | 894 | 11 | 160L-4 | 15 |
| | 1 | 772 | 17.1 | 180L-4 | 22 | 810 | 17.8 | 180L-4 | 22 | 864 | 18.9 | 180L-4 | 22 |
| | 1.5 | 700 | 25 | 225S-4 | 37 | 758 | 25.8 | 225S-4 | 37 | 830 | 26.8 | 225S-4 | 37 |
| | 2 | — | — | — | — | — | — | — | — | 811 | 33.9 | 225M-4 | 45 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| * 940—50 | 0.5 | 946 | 10.3 | 160L-4 | 15 | 967 | 11.2 | 160L-4 | 15 | 996 | 12.4 | 160L-4 | 15 |
| | 1 | 889 | 19.3 | 200L-4 | 30 | 921 | 20.2 | 200L-4 | 30 | 958 | 21.4 | 200L-4 | 30 |
| | 1.5 | 838 | 28.3 | 225S-4 | 37 | 866 | 29.2 | 225S-4 | 37 | 904 | 30.4 | 225S-4 | 37 |
| | 2 | — | — | — | — | — | — | — | — | 883 | 38.2 | 225M-4 | 45 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| * 940—54 | 0.5 | 1156 | 11.9 | 180M-4 | 18.5 | 1189 | 12.9 | 180M-4 | 18.5 | 1206 | 14.2 | 180M-4 | 18.5 |
| | 1 | 1095 | 22.2 | 200L-4 | 30 | 1124 | 23.2 | 200L-4 | 30 | 1151 | 24.6 | 200L-4 | 30 |
| | 1.5 | 1019 | 32.5 | 225M-4 | 45 | 1083 | 33.5 | 225M-4 | 45 | 1116 | 34.9 | 225M-4 | 45 |
| | 2 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 1300—38 | 0.5 | 882 | 9.4 | 160L-4 | 15 | 902 | 10.2 | 160L-4 | 15 | 912 | 11.3 | 160L-4 | 15 |
| | 1 | 845 | 17.5 | 180L-4 | 22 | 880 | 18.3 | 180L-4 | 22 | 902 | 19.4 | 180L-4 | 22 |
| | 1.5 | 810 | 25.7 | 225S-4 | 37 | 862 | 26.5 | 225S-4 | 37 | 890 | 27.6 | 225S-4 | 37 |
| | 2 | — | — | — | — | 836 | 34.5 | 225M-4 | 45 | 879 | 34.5 | 225M-4 | 45 |
| | 2.5 | — | — | — | — | — | — | — | — | 867 | 42.2 | 250M-4 | 55 |
| 1300—42 | 0.5 | 1031 | 11 | 160L-4 | 15 | 1055 | 11.9 | 160L-4 | 15 | 1066 | 13.2 | 160L-4 | 15 |
| | 1 | 985 | 20.5 | 200L-4 | 30 | 1030 | 21.4 | 200L-4 | 30 | 1052 | 22.7 | 200L-4 | 30 |
| | 1.5 | 941 | 30 | 225S-4 | 37 | 1006 | 30.9 | 225S-4 | 37 | 1039 | 32.2 | 225S-4 | 37 |
| | 2 | — | — | — | — | — | — | — | — | 1025 | 40.5 | 250M-4 | 55 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 1300—46 | 0.5 | 1092 | 12.5 | 180M-4 | 18.5 | 1182 | 13.6 | 180M-4 | 18.5 | 1226 | 15 | 180M-4 | 18.5 |
| | 1 | 1023 | 23.4 | 200L-4 | 30 | 1111 | 24.5 | 200L-4 | 30 | 1186 | 25.9 | 200L-4 | 30 |
| | 1.5 | 959 | 34.3 | 225S-4 | 37 | 1027 | 35.3 | 225S-4 | 37 | 1138 | 36.8 | 225S-4 | 37 |
| | 2 | — | — | — | — | — | — | — | — | 1104 | 46.8 | 250M-4 | 55 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| * 1300—54 | 0.5 | 1479 | 16.3 | 180L-4 | 22 | 1564 | 17.7 | 180L-4 | 22 | 1591 | 19.5 | 180L-4 | 22 |
| | 1 | 1323 | 30.4 | 225M-4 | 45 | 1498 | 31.8 | 225M-4 | 45 | 1543 | 33.7 | 225M-4 | 45 |
| | 1.5 | 1179 | 44.6 | 250M-4 | 55 | 1435 | 45.9 | 250M-4 | 55 | 1498 | 47.8 | 250M-4 | 55 |
| | 2 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |

转速 Rotating Speed

N=1450r/min

| 规格 Size | 压力 Pressure P Mpa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|--------------|-------------------------|--|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 75 | | | | 150 | | | | 380 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 940—46 | 0.5 | 922 | 11.5 | 160L-4 | 15 | 925 | 12.4 | 160L-4 | 15 | 926 | 14.8 | 180M-4 | 18.5 |
| | 1 | 891 | 19.2 | 200L-4 | 30 | 897 | 20.2 | 200L-4 | 30 | 911 | 22.8 | 200L-4 | 30 |
| | 1.5 | 860 | 27.1 | 225S-4 | 37 | 880 | 28.1 | 225S-4 | 37 | 899 | 30.5 | 225S-4 | 37 |
| | 2 | 839 | 34.9 | 225M-4 | 45 | 867 | 35.8 | 225M-4 | 45 | 891 | 38.4 | 225M-4 | 45 |
| | 2.5 | 815 | 42.6 | 250M-4 | 55 | 850 | 43.7 | 250M-4 | 55 | 880 | 46.3 | 250M-4 | 55 |
| * 940—50 | 0.5 | 1036 | 12.4 | 160L-4 | 15 | 1048 | 13.4 | 180M-4 | 18.5 | 1053 | 15.8 | 180M-4 | 18.5 |
| | 1 | 1007 | 21.1 | 200L-4 | 30 | 1015 | 22.3 | 200L-4 | 30 | 1020 | 24.8 | 200L-4 | 30 |
| | 1.5 | 967 | 30.2 | 225S-4 | 37 | 978 | 31.2 | 225S-4 | 37 | 988 | 33.7 | 225M-4 | 45 |
| | 2 | 931 | 39.2 | 225M-4 | 45 | 944 | 40.2 | 250M-4 | 55 | — | — | — | — |
| | 2.5 | 893 | 48 | 250M-4 | 55 | 908 | 49.2 | 250M-4 | 55 | — | — | — | — |
| * 940—54 | 0.5 | 1222 | 13.9 | 180M-4 | 18.5 | 1226 | 14.9 | 180M-4 | 18.5 | 1230 | 17.4 | 180L-4 | 22 |
| | 1 | 1181 | 24.4 | 200L-4 | 30 | 1188 | 25.4 | 200L-4 | 30 | 1195 | 27.8 | 225S-4 | 37 |
| | 1.5 | 1138 | 34.8 | 225M-4 | 45 | 1149 | 35.7 | 225M-4 | 45 | 1160 | 38.4 | 225M-4 | 45 |
| | 2 | 1100 | 45.2 | 250M-4 | 55 | 1112 | 46.2 | 250M-4 | 55 | — | — | — | — |
| | 2.5 | 1057 | 55.8 | 280S-4 | 75 | 1075 | 56.7 | 280S-4 | 75 | — | — | — | — |
| 1300—38 | 0.5 | 918 | 12.2 | 160L-4 | 15 | 920 | 12.8 | 180M-4 | 18.5 | 922 | 17.2 | 180L-4 | 22 |
| | 1 | 908 | 20 | 200L-4 | 30 | 914 | 21.3 | 200L-4 | 30 | 918 | 24.9 | 200L-4 | 30 |
| | 1.5 | 900 | 27.8 | 225S-4 | 37 | 908 | 29 | 225S-4 | 37 | 915 | 32.6 | 225M-4 | 45 |
| | 2 | 892 | 35.8 | 225M-4 | 45 | 902 | 36.7 | 225M-4 | 45 | — | — | — | — |
| | 2.5 | 885 | 43.4 | 250M-4 | 55 | 897 | 44.4 | 250M-4 | 55 | — | — | — | — |
| 1300—42 | 0.5 | 1070 | 14.2 | 180M-4 | 18.5 | 1073 | 15.4 | 180M-4 | 18.5 | 1076 | 18.9 | 180L-4 | 22 |
| | 1 | 1060 | 23.1 | 200L-4 | 30 | 1066 | 24.2 | 200L-4 | 30 | 1071 | 28.1 | 225S-4 | 37 |
| | 1.5 | 1050 | 32.4 | 225M-4 | 45 | 1059 | 33.6 | 225M-4 | 45 | 1067 | 37.3 | 225M-4 | 45 |
| | 2 | 1040 | 41.7 | 250M-4 | 55 | 1052 | 43 | 250M-4 | 55 | — | — | — | — |
| | 2.5 | 1032 | 51 | 280S-4 | 75 | 1046 | 52.3 | 280S-4 | 75 | — | — | — | — |
| 1300—46 | 0.5 | 1241 | 15.2 | 180M-4 | 18.5 | 1253 | 16.5 | 180L-4 | 22 | 1263 | 20.3 | 200L-4 | 30 |
| | 1 | 1211 | 26.1 | 225S-4 | 37 | 1232 | 27.3 | 225S-4 | 37 | 1250 | 31 | 225S-4 | 37 |
| | 1.5 | 1176 | 37 | 225M-4 | 45 | 1207 | 38.1 | 225M-4 | 45 | 1234 | 41.7 | 250M-4 | 55 |
| | 2 | 1151 | 47.9 | 280S-4 | 75 | 1189 | 48.9 | 280S-4 | 75 | — | — | — | — |
| | 2.5 | 1118 | 58.7 | 280S-4 | 75 | 1166 | 59.7 | 280S-4 | 75 | — | — | — | — |
| * 1300—54 | 0.5 | 1613 | 20.9 | 200L-4 | 30 | 1624 | 22.8 | 200L-4 | 30 | — | — | — | — |
| | 1 | 1579 | 35 | 225M-4 | 45 | 1600 | 36.9 | 225M-4 | 45 | — | — | — | — |
| | 1.5 | 1546 | 49.2 | 250M-4 | 55 | 1577 | 51.1 | 280S-4 | 75 | — | — | — | — |
| | 2 | 1506 | 63.3 | 280S-4 | 75 | 1553 | 65.2 | 280S-4 | 75 | — | — | — | — |
| | 2.5 | 1471 | 77.5 | 280M-4 | 90 | 1529 | 79.4 | 280M-4 | 90 | — | — | — | — |

选型说明:

- * 表示泵不产生气蚀条件下, 可允许使用该型号, 建议 200mm²/s 以上介质不选用;
- 若电机转速、介质粘度超出性能参数表范围时, 请与我公司技术部联系, 我公司将为您提供满意的服务。

Notes for pump selection:

- *Indicates this type of pump can be selected under the condition that there are not cavitations.It is suggested that the medium above 200mm²/s not be selected.
- If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table,please contact with the technical department of our company,and our company will provide the satisfactory services to you.

转速 Rotating Speed N=2900r/min

| 规格 Size | 压力 Pressure P MPa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|------------|-------------------------|--|------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|---------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Mot or Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 20—38 | 0.5 | 27.2 | 0.49 | 80M1-2 | 0.75 | 28.4 | 0.5 | 80M1-2 | 0.75 | 29 | 0.5 | 80M1-2 | 0.75 |
| | 1 | 25.6 | 0.74 | 90S-2 | 1.5 | 27.6 | 0.77 | 90S-2 | 1.5 | 28.4 | 0.79 | 90S-2 | 1.5 |
| | 1.5 | 22.9 | 1.04 | 90S-2 | 1.5 | 25.9 | 1.14 | 90S-2 | 1.5 | 27.3 | 1.28 | 90L-2 | 2.2 |
| | 2 | — | — | — | — | 24.6 | 1.28 | 90L-2 | 2.2 | 26.6 | 1.32 | 90L-2 | 2.2 |
| | 2.5 | — | — | — | — | — | — | — | — | 25.4 | 1.51 | 90L-2 | 2.2 |
| 20—46 | 0.5 | 35.6 | 0.58 | 80M1-2 | 0.75 | 38.1 | 0.58 | 80M1-2 | 0.75 | 38.5 | 0.58 | 80M1-2 | 0.75 |
| | 1 | 34.1 | 0.89 | 90S-2 | 1.5 | 36.7 | 0.89 | 90S-2 | 1.5 | 37.9 | 0.89 | 90S-2 | 1.5 |
| | 1.5 | 30.9 | 1.26 | 90L-2 | 2.2 | 34.7 | 1.35 | 90L-2 | 2.2 | 36.4 | 1.45 | 90L-2 | 2.2 |
| | 2 | — | — | — | — | 32.7 | 1.6 | 90L-2 | 2.2 | 35 | 1.6 | 90L-2 | 2.2 |
| | 2.5 | — | — | — | — | — | — | — | — | 33.4 | 1.9 | 100L-2 | 3 |
| 40—38 | 0.5 | 59.2 | 1.12 | 90S-2 | 1.5 | 60.9 | 1.12 | 90S-2 | 1.5 | 61.5 | 1.12 | 90S-2 | 1.5 |
| | 1 | 55 | 1.65 | 90L-2 | 2.2 | 58.3 | 1.65 | 90L-2 | 2.2 | 60 | 1.65 | 90L-2 | 2.2 |
| | 1.5 | 50.6 | 2.25 | 100L-2 | 3 | 55.5 | 2.43 | 100L-2 | 3 | 57.5 | 2.52 | 100L-2 | 3 |
| | 2 | — | — | — | — | 52.8 | 2.7 | 112M-2 | 4 | 55 | 2.7 | 112M-2 | 4 |
| | 2.5 | — | — | — | — | — | — | — | — | 52.5 | 3.22 | 132S1-2 | 5.5 |
| 40—46 | 0.5 | 79.1 | 1.28 | 90L-2 | 2.2 | 81.5 | 1.28 | 90L-2 | 2.2 | 82 | 1.28 | 90L-2 | 2.2 |
| | 1 | 74.2 | 1.97 | 100L-2 | 3 | 78.4 | 1.97 | 100L-2 | 3 | 80 | 1.97 | 100L-2 | 3 |
| | 1.5 | 69 | 2.82 | 112M-2 | 4 | 75.2 | 3.1 | 112M-2 | 4 | 76.8 | 3.22 | 112M-2 | 4 |
| | 2 | — | — | — | — | 72 | 3.4 | 132S1-2 | 5.5 | 73.6 | 3.4 | 132S1-2 | 5.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 70.4 | 4.1 | 132S1-2 | 5.5 |
| * 40—54 | 0.5 | 105 | 1.50 | 90L-2 | 2.2 | 106 | 1.50 | 90L-2 | 2.2 | 108 | 1.55 | 90L-2 | 2.2 |
| | 1.0 | 97.5 | 2.48 | 112M-2 | 4.0 | 102 | 2.48 | 112M-2 | 4.0 | 105 | 2.48 | 112M-2 | 4.0 |
| | 1.5 | — | — | — | — | 98 | 3.45 | 132S1-2 | 5.5 | 102 | 3.38 | 132S1-2 | 5.5 |
| | 2.0 | — | — | — | — | — | — | — | — | 99 | 4.28 | 132S1-2 | 5.5 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 80—36 | 0.5 | 106 | 2.1 | 100L-2 | 3 | 110 | 2.01 | 100L-2 | 3 | 111 | 2.1 | 100L-2 | 3 |
| | 1 | 101 | 3.06 | 112M-2 | 4 | 106 | 3.06 | 112M-2 | 4 | 110 | 3.06 | 112M-2 | 4 |
| | 1.5 | 95 | 4.02 | 112M-2 | 4 | 103 | 4.02 | 112M-2 | 4 | 109 | 4.02 | 112M-2 | 4 |
| | 2 | — | — | 132S1-2 | 5.5 | 102 | 4.96 | 132S1-2 | 5.5 | 108 | 4.96 | 132S1-2 | 5.5 |
| | 2.5 | — | — | — | — | — | — | 132S2-2 | 7.5 | 106 | 5.93 | 132S2-2 | 7.5 |
| 80—42 | 0.5 | 131 | 2.01 | 100L-2 | 3 | 134 | 2.06 | 100L-2 | 3 | 136 | 2.12 | 100L-2 | 3 |
| | 1 | 123 | 3.17 | 112M-2 | 4 | 130 | 3.25 | 112M-2 | 4 | 134 | 3.32 | 132S1-2 | 5.5 |
| | 1.5 | 117 | 4.49 | 132S2-2 | 7.5 | 126 | 4.67 | 132S2-2 | 7.5 | 132 | 4.49 | 132S2-2 | 7.5 |
| | 2 | — | — | — | — | — | — | 132S2-2 | 7.5 | 131 | 5.65 | 132S2-2 | 7.5 |
| | 2.5 | — | — | — | — | — | — | — | — | 130 | 6.81 | 160M1-2 | 11 |
| 80—46 | 0.5 | 152 | 2.41 | 100L-2 | 3 | 158 | 2.41 | 100L-2 | 3 | 161 | 2.41 | 100L-2 | 3 |
| | 1 | 145 | 3.77 | 132S1-2 | 5.5 | 152 | 3.77 | 132S1-2 | 5.5 | 157 | 3.77 | 132S1-2 | 5.5 |
| | 1.5 | 135 | 5.15 | 132S2-2 | 7.5 | 145 | 5.41 | 132S2-2 | 7.5 | 151 | 5.77 | 132S2-2 | 7.5 |
| | 2 | — | — | — | — | 139 | 6.51 | 160M1-2 | 11 | 145 | 6.51 | 160M1-2 | 11 |
| | 2.5 | — | — | — | — | — | — | — | — | 140 | 7.89 | 160M1-2 | 11 |
| * 80—54 | 0.5 | 202 | 2.6 | 112M-2 | 4 | 206 | 2.65 | 112M-2 | 4 | 208 | 2.65 | 112M-2 | 4 |
| | 1 | 191 | 4.46 | 132S2-2 | 7.5 | 201 | 4.46 | 132S2-2 | 7.5 | 204 | 4.46 | 132S2-2 | 7.5 |
| | 1.5 | — | — | — | — | 194 | 6.2 | 132S2-2 | 7.5 | 200 | 6.24 | 132S2-2 | 7.5 |
| | 2 | — | — | — | — | — | — | — | — | 196 | 8 | 160M1-2 | 11 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |

转速 Rotating Speed N=2900r/min

| 规格 Size | 压力 Pressure P MPa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | |
|------------|-------------------------|--|----------------------------|--------------------------------------|-----------------------------|-----------------------|----------------------------|--------------------------------------|-----------------------------|
| | | 75 | | | | 150 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 20—38 | 0.5 | 29.7 | 0.58 | 80M1-2 | 0.75 | 29.9 | 0.74 | 80M2-2 | 1.1 |
| | 1 | 29.1 | 0.88 | 90S-2 | 1.5 | 29.3 | 1.03 | 90S-2 | 1.5 |
| | 1.5 | 28.2 | 1.32 | 90L-2 | 2.2 | 28.5 | 1.51 | 90L-2 | 2.2 |
| | 2 | 27.2 | 1.38 | 90L-2 | 2.2 | 27.6 | 1.56 | 90L-2 | 2.2 |
| | 2.5 | 26.3 | 1.6 | 90L-2 | 2.2 | 26.8 | 1.84 | 100L-2 | 3 |
| 20—46 | 0.5 | 38.9 | 0.66 | 80M2-2 | 1.1 | 39.2 | 0.88 | 80M2-2 | 1.1 |
| | 1 | 38.2 | 0.99 | 90S-2 | 1.5 | 38.5 | 1.18 | 90S-2 | 1.5 |
| | 1.5 | 36.9 | 1.54 | 90L-2 | 2.2 | 37.2 | 1.66 | 90L-2 | 2.2 |
| | 2 | 35.7 | 1.68 | 100L-2 | 3 | 36 | 1.88 | 100L-2 | 3 |
| | 2.5 | 34.5 | 2.02 | 100L-2 | 3 | 34.8 | 2.26 | 100L-2 | 3 |
| 40—38 | 0.5 | 62.1 | 1.4 | 90L-2 | 2.2 | 62.2 | 1.8 | 100L-2 | 3 |
| | 1 | 60.4 | 1.92 | 100L-2 | 3 | 60.8 | 2.34 | 100L-2 | 3 |
| | 1.5 | 58.4 | 2.63 | 112M-2 | 4 | 58.8 | 2.99 | 112M-2 | 4 |
| | 2 | 56.6 | 2.98 | 112M-2 | 4 | 56.8 | 3.38 | 132S1-2 | 5.5 |
| | 2.5 | 54.5 | 3.51 | 132S1-2 | 5.5 | 54.8 | 3.88 | 132S1-2 | 5.5 |
| 40—46 | 0.5 | 82.9 | 1.58 | 90L-2 | 2.2 | 83.1 | 1.98 | 100L-2 | 3 |
| | 1 | 80.7 | 2.28 | 100L-2 | 3 | 81.1 | 2.68 | 112M-2 | 4 |
| | 1.5 | 78.5 | 3.28 | 132S1-2 | 5.5 | 78.8 | 3.29 | 132S1-2 | 5.5 |
| | 2 | 76.4 | 3.68 | 132S1-2 | 5.5 | 76.6 | 4.08 | 132S1-2 | 5.5 |
| | 2.5 | 74.2 | 4.35 | 132S2-2 | 7.5 | 74.4 | 4.78 | 132S2-2 | 7.5 |
| * 40—54 | 0.5 | 109.6 | 1.83 | 100L-2 | 3 | 110.6 | 2.2 | 100L-2 | 3 |
| | 1 | 106.8 | 2.76 | 112M-2 | 4 | 108.6 | 3.15 | 112M-2 | 4 |
| | 1.5 | 103.4 | 3.68 | 132S1-2 | 5.5 | 105.8 | 4.1 | 132S1-2 | 5.5 |
| | 2 | 101.6 | 4.65 | 132S2-2 | 7.5 | 103.9 | 4.93 | 132S2-2 | 7.5 |
| | 2.5 | — | — | — | — | 101.6 | 5.63 | 132S2-2 | 7.5 |
| 80—36 | 0.5 | 112 | 2.46 | 112M-2 | 4 | 113 | 2.66 | 112M-2 | 4 |
| | 1 | 111 | 3.42 | 132S1-2 | 5.5 | 111 | 3.64 | 132S1-2 | 5.5 |
| | 1.5 | 108 | 4.75 | 132S2-2 | 7.5 | 109 | 4.84 | 132S2-2 | 7.5 |
| | 2 | 107 | 5.35 | 132S2-2 | 7.5 | 105 | 5.51 | 132S2-2 | 7.5 |
| | 2.5 | 105 | 6.33 | 160M1-2 | 11 | 103 | 6.53 | 160M1-2 | 11 |
| 80—42 | 0.5 | 137 | 2.41 | 112M-2 | 4 | 138 | 2.86 | 112M-2 | 4 |
| | 1 | 135 | 3.61 | 132S1-2 | 5.5 | 136 | 4.18 | 132S1-2 | 5.5 |
| | 1.5 | 133 | 4.73 | 132S2-2 | 7.5 | 135 | 5.29 | 132S2-2 | 7.5 |
| | 2 | 132 | 5.89 | 132S2-2 | 7.5 | 134 | 6.4 | 160M1-2 | 11 |
| | 2.5 | 131 | 7.16 | 160M1-2 | 11 | 133 | 7.51 | 160M1-2 | 11 |
| 80—46 | 0.5 | 161.2 | 2.76 | 112M-2 | 4 | 162.2 | 3.19 | 112M-2 | 4 |
| | 1 | 157 | 4.12 | 132S1-2 | 5.5 | 158 | 4.55 | 132S2-2 | 7.5 |
| | 1.5 | 152.8 | 5.48 | 132S2-2 | 7.5 | 153.8 | 5.92 | 132S2-2 | 7.5 |
| | 2 | 148.7 | 6.87 | 160M1-2 | 11 | 150 | 7.28 | 160M1-2 | 11 |
| | 2.5 | 145 | 8.1 | 160M1-2 | 11 | 146 | 8.64 | 160M1-2 | 11 |
| * 80—54 | 0.5 | 209 | 4.05 | 132S1-2 | 5.5 | 210 | 4.71 | 132S2-2 | 7.5 |
| | 1 | 205 | 5.83 | 132S2-2 | 7.5 | 205 | 6.5 | 132S2-2 | 7.5 |
| | 1.5 | 201 | 7.62 | 132S2-2 | 7.5 | 202 | 8.29 | 132S2-2 | 7.5 |
| | 2 | 197 | 9.41 | 160M2-2 | 15 | 198 | 10.08 | 160M2-2 | 15 |
| | 2.5 | 188 | 11.2 | 160M2-2 | 15 | 190 | 11.87 | 160M2-2 | 15 |

性能参数 PERFORMANCE PARAMETERS

转速 Rotating Speed N=2900r/min

| 规格 Size | 压力 Pressure P MPa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | | | | | |
|-------------|-------------------------|--|------------------------------|--------------------------------------|--------------------------------|-----------------------|-------------------------------|---------------------------------------|--------------------------------|-----------------------|-------------------------------|--------------------------------------|--------------------------------|
| | | 3 | | | | 12 | | | | 40 | | | |
| | | 流量 Flow Q l/min | 功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Mot or Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 120—42 | 0.5 | 186 | 3.13 | 112M-2 | 4 | 192 | 3.13 | 112M-2 | 4 | 195 | 3.13 | 112M-2 | 4 |
| | 1 | 175 | 4.78 | 132S2-2 | 7.5 | 184 | 4.78 | 132S2-2 | 7.5 | 189 | 4.78 | 132S2-2 | 7.5 |
| | 1.5 | 163 | 6.35 | 160M1-2 | 11 | 175 | 6.35 | 160M1-2 | 11 | 183 | 6.45 | 160M1-2 | 11 |
| | 2 | — | — | — | — | 167 | 8.03 | 160M1-2 | 11 | 177 | 8.14 | 160M1-2 | 11 |
| | 2.5 | — | — | — | — | — | — | — | — | 172 | 9.76 | 160M2-2 | 15 |
| 120—46 | 0.5 | 221 | 3.45 | 132S1-2 | 5.5 | 228 | 3.45 | 132S1-2 | 5.5 | 231 | 3.45 | 132S1-2 | 5.5 |
| | 1 | 210 | 5.38 | 132S2-2 | 7.5 | 219 | 5.38 | 132S2-2 | 7.5 | 225 | 5.38 | 132S2-2 | 7.5 |
| | 1.5 | 198 | 7.36 | 160M1-2 | 11 | 210 | 7.58 | 160M1-2 | 11 | 216 | 8.24 | 160M1-2 | 11 |
| | 2 | — | — | — | — | 201 | 9.33 | 160M2-2 | 15 | 210 | 9.63 | 160M2-2 | 15 |
| | 2.5 | — | — | — | — | — | — | — | — | 203 | 11.3 | 160M2-2 | 15 |
| * 120—54 | 0.5 | 292 | 4.06 | 132S1-2 | 5.5 | 296 | 4.06 | 132S1-2 | 5.5 | 300 | 4.06 | 132S1-2 | 5.5 |
| | 1 | 282 | 6.65 | 160M1-2 | 11 | 289 | 6.65 | 160M1-2 | 11 | 293 | 6.68 | 160M1-2 | 11 |
| | 1.5 | — | — | — | — | 281 | 9.32 | 160M2-2 | 15 | 285 | 9.32 | 160M2-2 | 15 |
| | 2 | — | — | — | — | — | — | — | — | 277 | 11.96 | 160M2-2 | 15 |
| | 2.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 210—36 | 0.5 | 267 | 4.42 | 132S2-2 | 7.5 | 279 | 4.42 | 132S2-2 | 7.5 | 285 | 4.42 | 132S2-2 | 7.5 |
| | 1 | 256 | 6.8 | 160M1-2 | 11 | 270 | 6.8 | 160M1-2 | 11 | 277 | 6.8 | 160M1-2 | 11 |
| | 1.5 | 244 | 9.22 | 160M2-2 | 15 | 260 | 9.22 | 160M2-2 | 15 | 269 | 9.22 | 160M2-2 | 15 |
| | 2 | 233 | 10.9 | 160M2-2 | 15 | 250 | 11.3 | 160M2-2 | 15 | 260 | 11.6 | 160M2-2 | 15 |
| | 2.5 | — | — | — | — | 240 | 13.6 | 160L-2 | 18.5 | 252 | 14.1 | 160L-2 | 18.5 |
| 210—40 | 0.5 | 319 | 5.03 | 132S2-2 | 7.5 | 323 | 5.03 | 132S2-2 | 7.5 | 327 | 5.03 | 132S2-2 | 7.5 |
| | 1 | 304 | 7.82 | 160M1-2 | 11 | 313 | 7.82 | 160M1-2 | 11 | 319 | 7.82 | 160M1-2 | 11 |
| | 1.5 | 289 | 10.3 | 160M2-2 | 15 | 303 | 10.3 | 160M2-2 | 15 | 310 | 10.9 | 160M2-2 | 15 |
| | 2 | — | — | — | — | 293 | 12.8 | 160L-2 | 18.5 | 302 | 13.4 | 160L-2 | 18.5 |
| | 2.5 | — | — | — | — | 283 | 15.3 | 180M-2 | 22 | 294 | 16.2 | 180M-2 | 22 |
| 210—46 | 0.5 | 398 | 5.76 | 132S2-2 | 7.5 | 409 | 5.76 | 132S2-2 | 7.5 | 411 | 5.76 | 132S2-2 | 7.5 |
| | 1 | 380 | 9.26 | 160M2-2 | 15 | 394 | 9.26 | 160M2-2 | 15 | 401 | 9.26 | 160M2-2 | 15 |
| | 1.5 | 358 | 12.8 | 160M2-2 | 15 | 379 | 12.8 | 160M2-2 | 15 | 390 | 12.9 | 160M2-2 | 15 |
| | 2 | — | — | 180M-2 | 22 | 364 | 15.9 | 180M-2 | 22 | 379 | 16.3 | 180M-2 | 22 |
| | 2.5 | — | — | — | — | 349 | 17.9 | 180M-2 | 22 | 368.5 | 17.9 | 180M-2 | 22 |
| 280—43 | 0.5 | 468 | 7.55 | 160M1-2 | 11 | 479 | 7.55 | 160M1-2 | 11 | 483 | 7.55 | 160M1-2 | 11 |
| | 1 | 446 | 11.7 | 160M2-2 | 15 | 462 | 11.7 | 160M2-2 | 15 | 471 | 11.7 | 160M2-2 | 15 |
| | 1.5 | 424 | 15.3 | 160L-2 | 18.5 | 445 | 15.8 | 160L-2 | 18.5 | 458.5 | 15.8 | 160L-2 | 18.5 |
| | 2 | — | — | 200L1-2 | 30 | 429 | 19.9 | 200L1-2 | 30 | 446 | 19.9 | 200L1-2 | 30 |
| | 2.5 | — | — | — | — | 412 | 24 | 200L1-2 | 30 | 433 | 24.1 | 200L1-2 | 30 |
| 280—46 | 0.5 | 534 | 8.08 | 160M1-2 | 11 | 548 | 8.08 | 160M1-2 | 11 | 551 | 8.08 | 160M1-2 | 11 |
| | 1 | 511 | 12.8 | 160M2-2 | 15 | 527 | 12.8 | 160M2-2 | 15 | 536 | 12.8 | 160M2-2 | 15 |
| | 1.5 | 487 | 16.9 | 180M-2 | 22 | 509 | 17.3 | 180M-2 | 22 | 521 | 17.5 | 180M-2 | 22 |
| | 2 | — | — | — | — | 492 | 21.9 | 200L1-2 | 30 | 506 | 22.2 | 200L1-2 | 30 |
| | 2.5 | — | — | — | — | 474 | 26.4 | 200L2-2 | 37 | 491 | 26.8 | 200L2-2 | 37 |

转速 Rotating Speed N=2900r/min

| 规格 Size | 压力 Pressure P MPa | 介质工作时粘度 Fluid Working Viscosity mm ² /s | | | | | | | |
|-------------|-------------------------|--|----------------------------|--------------------------------------|-----------------------------|-----------------------|----------------------------|--------------------------------------|-----------------------------|
| | | 75 | | | | 150 | | | |
| | | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw | 流量 Flow Q l/min | 轴功率 Shaft Power W kw | 电机规格 Motor Specifica- tions | 电机功率 Motor Power W kw |
| 120—42 | 0.5 | 196 | 3.64 | 132S1-2 | 5.5 | 197.5 | 4.6 | 132S2-2 | 7.5 |
| | 1 | 191 | 5.3 | 132S2-2 | 7.5 | 193 | 6.06 | 132S2-2 | 7.5 |
| | 1.5 | 185.1 | 6.99 | 160M1-2 | 11 | 187.1 | 7.73 | 160M1-2 | 11 |
| | 2 | 179.3 | 8.65 | 160M1-2 | 11 | 181.3 | 9.39 | 160M2-2 | 15 |
| | 2.5 | 173.5 | 10.4 | 160M2-2 | 15 | 176 | 11.2 | 160M2-2 | 15 |
| 120—46 | 0.5 | 231.8 | 3.9 | 132S1-2 | 5.5 | 233 | 4.69 | 132S2-2 | 7.5 |
| | 1 | 226 | 5.9 | 132S2-2 | 7.5 | 228 | 6.66 | 160M1-2 | 11 |
| | 1.5 | 220.2 | 7.87 | 160M1-2 | 11 | 222 | 8.63 | 160M1-2 | 11 |
| | 2 | 214.3 | 9.84 | 160M2-2 | 15 | 215 | 10.5 | 160M2-2 | 15 |
| | 2.5 | 209 | 11.7 | 160M2-2 | 15 | 210 | 12.7 | 160M2-2 | 15 |
| * 120—54 | 0.5 | 301 | 5.76 | 132S2-2 | 7.5 | 303 | 6.71 | 160M1-2 | 11 |
| | 1 | 294 | 8.3 | 160M1-2 | 11 | 296 | 9.26 | 160M2-2 | 15 |
| | 1.5 | 286 | 10.85 | 160M2-2 | 15 | 288 | 11.81 | 160M2-2 | 15 |
| | 2 | 278 | 13.4 | 160L-2 | 18.5 | 279 | 14.35 | 160L-2 | 18.5 |
| | 2.5 | 272 | 15.95 | 160L-2 | 18.5 | 273 | 16.89 | 160L-2 | 18.5 |
| 210—36 | 0.5 | 287 | 5.1 | 132S2-2 | 7.5 | 288 | 5.71 | 132S2-2 | 7.5 |
| | 1 | 281 | 7.42 | 160M1-2 | 11 | 283 | 8.24 | 160M1-2 | 11 |
| | 1.5 | 274 | 9.83 | 160M2-2 | 15 | 276 | 10.6 | 160M2-2 | 15 |
| | 2 | 266 | 12.3 | 160M2-2 | 15 | 268 | 13 | 160L-2 | 18.5 |
| | 2.5 | 259 | 14.8 | 160L-2 | 18.5 | 261 | 15.3 | 160L-2 | 18.5 |
| 210—40 | 0.5 | 329 | 5.75 | 132S2-2 | 7.5 | 331 | 6.9 | 160M1-2 | 11 |
| | 1 | 322 | 8.54 | 160M1-2 | 11 | 325 | 9.69 | 160M2-2 | 15 |
| | 1.5 | 315 | 11.3 | 160M2-2 | 15 | 317 | 12.5 | 160M2-2 | 15 |
| | 2 | 307 | 14.2 | 160L-2 | 18.5 | 308 | 14.9 | 160L-2 | 18.5 |
| | 2.5 | 300 | 16.9 | 180M-2 | 22 | 300 | 17.8 | 180M-2 | 22 |
| 210—46 | 0.5 | 414 | 6.42 | 160M1-2 | 11 | 415 | 7.63 | 160M1-2 | 11 |
| | 1 | 404 | 10 | 160M2-2 | 15 | 405 | 11.2 | 160M2-2 | 15 |
| | 1.5 | 394 | 13.6 | 160L-2 | 18.5 | 395 | 14.3 | 160L-2 | 18.5 |
| | 2 | 384 | 17.1 | 180M-2 | 22 | 385 | 17.5 | 180M-2 | 22 |
| | 2.5 | 374 | 20.7 | 200L1-2 | 30 | 375 | 20.8 | 200L1-2 | 30 |
| 280—43 | 0.5 | 485 | 8.69 | 160M1-2 | 11 | 487 | 10.5 | 160M2-2 | 15 |
| | 1 | 475 | 12.8 | 160M2-2 | 15 | 477 | 14.5 | 160L-2 | 18.5 |
| | 1.5 | 465 | 17 | 180M-2 | 22 | 467 | 18.6 | 180M-2 | 22 |
| | 2 | 455 | 21 | 200L1-2 | 30 | 457 | 22 | 200L1-2 | 30 |
| | 2.5 | 445 | 25.1 | 200L1-2 | 30 | 447 | 26.6 | 200L2-2 | 37 |
| 280—46 | 0.5 | 553 | 9.25 | 160M2-2 | 15 | 555 | 10.6 | 160M2-2 | 15 |
| | 1 | 540 | 13.9 | 160L-2 | 18.5 | 542 | 15.6 | 160L-2 | 18.5 |
| | 1.5 | 527 | 18.7 | 180M-2 | 22 | 529 | 20.3 | 200L1-2 | 30 |
| | 2 | 513 | 22.9 | 200L1-2 | 30 | 515 | 24.5 | 200L1-2 | 30 |
| | 2.5 | 500 | 27.8 | 200L2-2 | 37 | 502 | 28.5 | 200L2-2 | 37 |

选型说明：

- 1、*表示泵不产生气蚀条件下，可允许使用该型号，建议200mm²/s以上介质不选用；
- 2、若电机转速、介质粘度超出性能参数表范围时，请与我公司技术部联系，我公司将为您提供满意的服务。

Notes for pump selection:

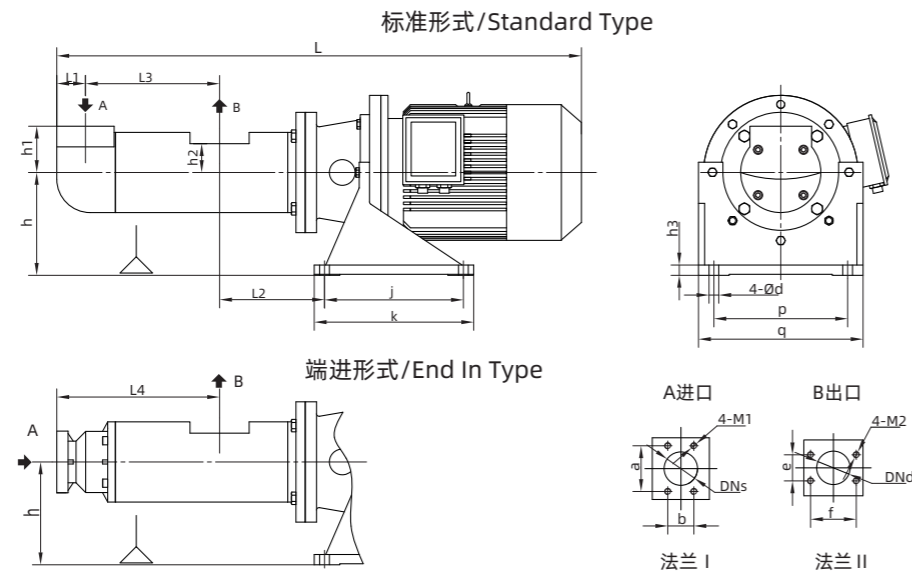
- 1、*indicates this type of pump can be selected under the condition that there are not cavitations.It is suggested that the medium above 200mm²/s not be selected.
- 2、If the rotational speed of motor and viscosity of medium surpass the range of the performance parameter table,please contact with the technical department of our company,and our company will provide the satisfactory services to you

F形机组安装尺寸图 Dimensional drawing of pump and motor assembly units

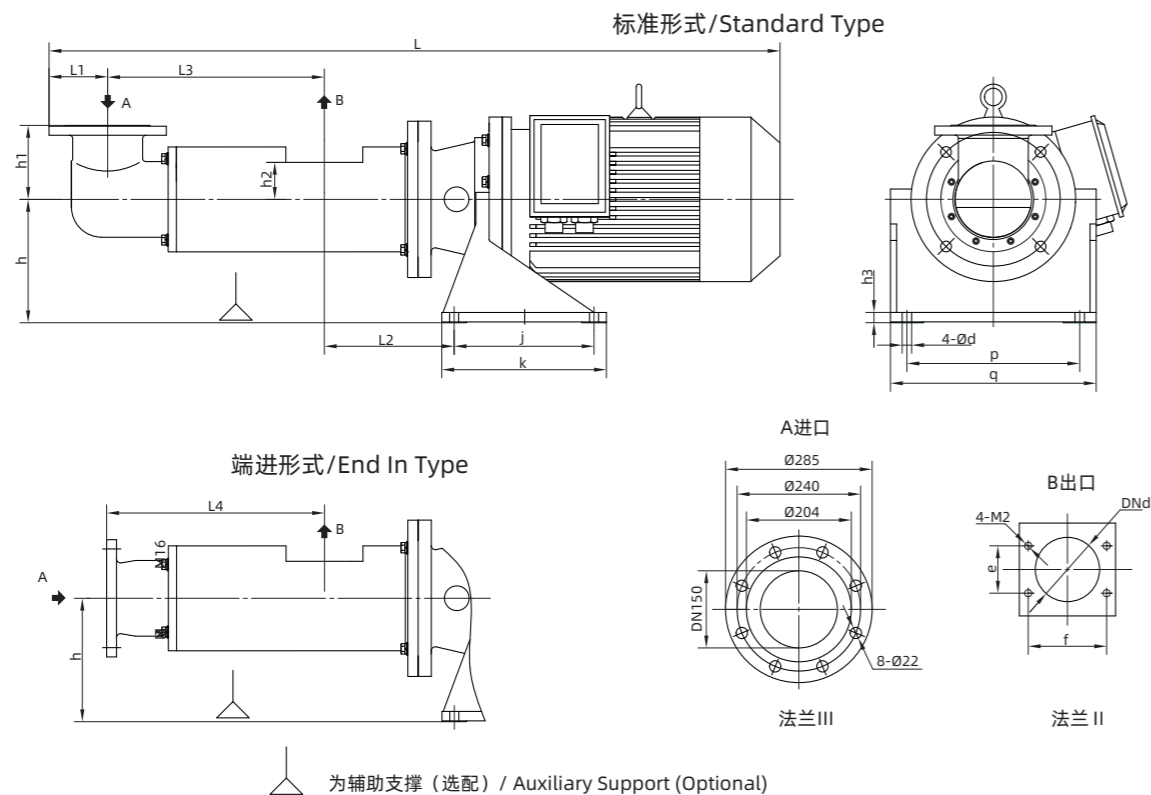
F形式安装尺寸图表（图示为上进上出式和端进上出式，其他进出口形式只是进出口方向变化，安装尺寸不变）

Mounting dimension of type F: The diagram and list below are applicable for type of upward inlet and upward outlet and type of inlet at end surface and upward outlet. For the other types of pump, only the direction of inlet or outlet is different, but mounting dimensions are the same as this one.

HSAF20-HSAF660



HSAF940-HSAF1300



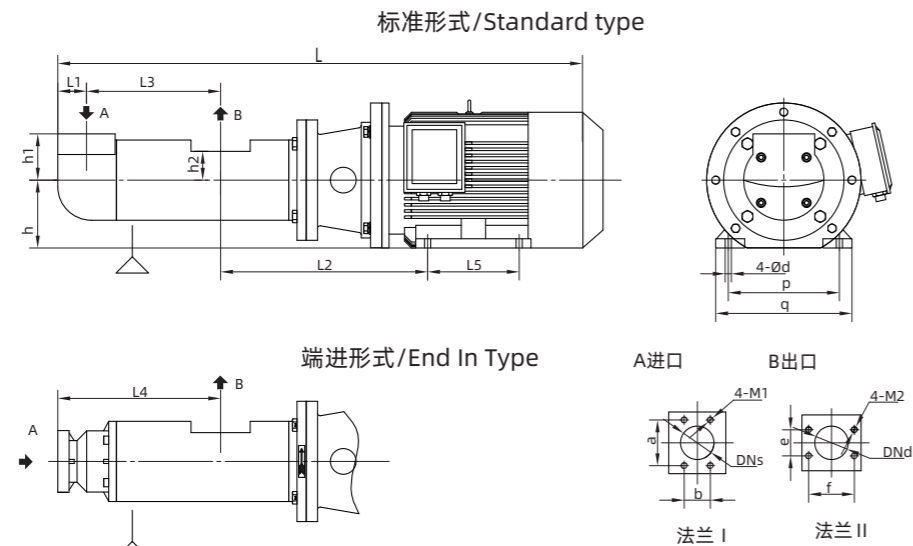
| 泵型号 Pump type | 电机规格 Motor Size | L1 (2P/4P) | L2 | L3 (2P/4P) | L4 (2P/4P) | h1 | h2 | h3 | h | j | k | p | q | d | |
|------------------|--------------------|---------------|-----|---------------|---------------|-----|-----|----|-----|-----|-----|-----|-----|----|----|
| HSA20 | 80M1/80M2 | 39 | 116 | 135 | 173 | 65 | 42 | 18 | 150 | 210 | 250 | 160 | 220 | 15 | |
| | 90S/90L | | 126 | | | | | | | | | | | | |
| HSA40 | 80M1/80M2 | 39 | 121 | 155 | 193 | 65 | 42 | 18 | 150 | 210 | 250 | 160 | 220 | 15 | |
| | 90S/90L | | 131 | | | | | | | | | | | | |
| | 100L | | 135 | | | | | | | | | | | | |
| HSA80 | 90S/90L | 48/43 | 151 | 199/194 | 247/237 | 75 | 48 | 18 | 150 | 210 | 250 | 160 | 220 | 15 | |
| | 100L | | 161 | | | | | | | | | | | | |
| | 112M | | | | | | | | | | | | | | |
| | 132S | | | | | | | | | | | | | | 25 |
| HSA120 | 90L | 55.5/48 | 175 | 233/225 | 288/273 | 80 | 50 | 18 | 150 | 210 | 250 | 160 | 220 | 15 | |
| | 100L | | 180 | | | | | | | | | | | | |
| | 112M | | | | | | | | | | | | | | |
| | 132S/132M | | | | | | | | | | | | | | 25 |
| HSA160M | 100L | 63/55.5 | 204 | 269/261 | 331/317 | 90 | 56 | 20 | 180 | 225 | 265 | 210 | 270 | 19 | |
| | 112M | | 227 | | | | | | | | | | | | |
| | 132S/132M | | | | | | | | | | | | | | |
| | 160M/160L | | | | | | | | | | | | | | 20 |
| HSA210 | 100L | 71.5/63 | 210 | 296/288 | 371/351 | 95 | 65 | 20 | 180 | 225 | 265 | 210 | 270 | 19 | |
| | 112M | | 233 | | | | | | | | | | | | |
| | 132S/132M | | | | | | | | | | | | | | |
| | 160M/160L | | | | | | | | | | | | | | 25 |
| HSA280 | 100L | 80/73 | 233 | 343/336 | 434/409 | 110 | 73 | 25 | 200 | 270 | 310 | 260 | 320 | 19 | |
| | 112M | | 256 | | | | | | | | | | | | |
| | 132S/132M | | | | | | | | | | | | | | |
| | 160M/160L | | | | | | | | | | | | | | 20 |
| HSA440 | 160M/160L | 85.5 | 284 | 390 | 475 | 120 | 77 | 20 | 235 | 280 | 320 | 305 | 365 | 21 | |
| | 180M/180L | | 294 | | | | | | | | | | | | |
| | 200L | | | | | | | | | | | | | | |
| | 225S/225M | | | | | | | | | | | | | | 22 |
| HSA660 | 160M/160L | 142.5 | 316 | 527 | 530 | 180 | 90 | 20 | 235 | 280 | 320 | 305 | 365 | 21 | |
| | 180M/180L | | 356 | | | | | | | | | | | | |
| | 200L | | | | | | | | | | | | | | |
| | 225S/225M | | | | | | | | | | | | | | 22 |
| | 250M | | | | | | | | | | | | | | 25 |
| HSA940 | 160L | 142.5 | 316 | 595 | 593 | 200 | 101 | 20 | 235 | 280 | 320 | 305 | 365 | 21 | |
| | 180M/180L | | 356 | | | | | | | | | | | | |
| | 200L | | | | | | | | | | | | | | |
| | 225S/225M | | | | | | | | | | | | | | 22 |
| | 250M | | | | | | | | | | | | | | 25 |
| | 280S | | | | | | | | | | | | | | 25 |

D形机组安装尺寸图 Dimensional drawing of pump and motor assembly units

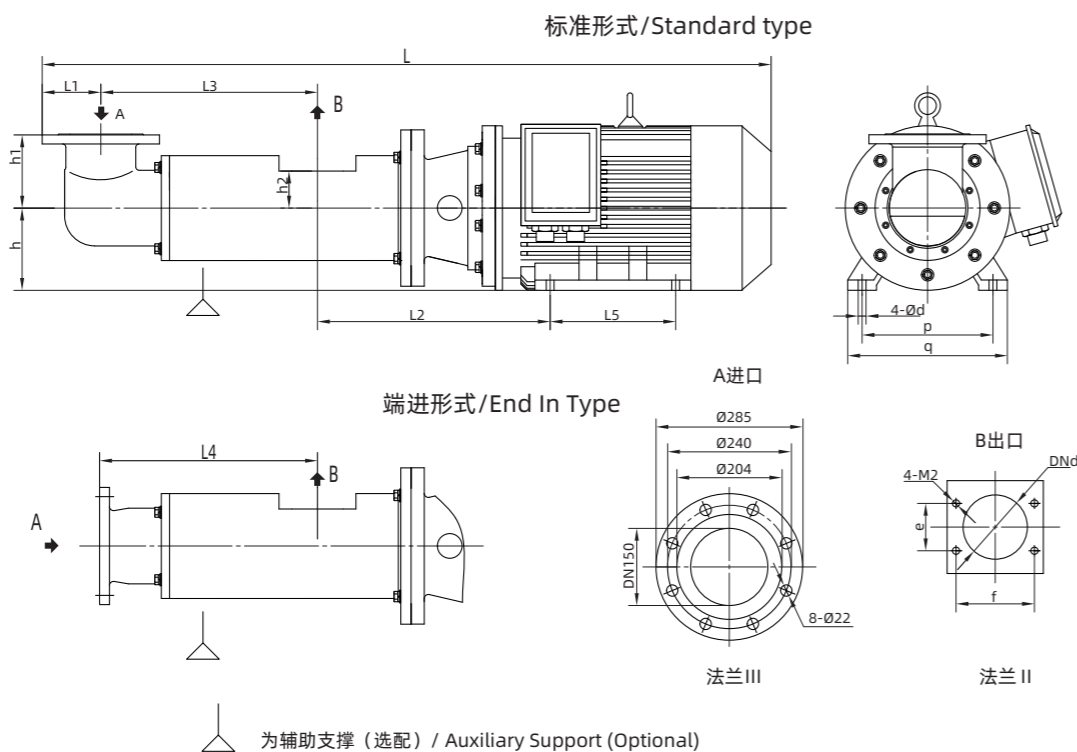
D形式安装尺寸图（图示为上进上出式和端进上出式，其他进出口形式只是进出口方向变化，安装尺寸不变）

The diagram and list below are applicable for type of upward inlet and upward outlet and type of inlet at end surface and upward outlet. For the other types of pump, only the direction of inlet or outlet is different, but mounting dimensions are the same as this one.

HSA20-HSA660



HSA940-HSA1300



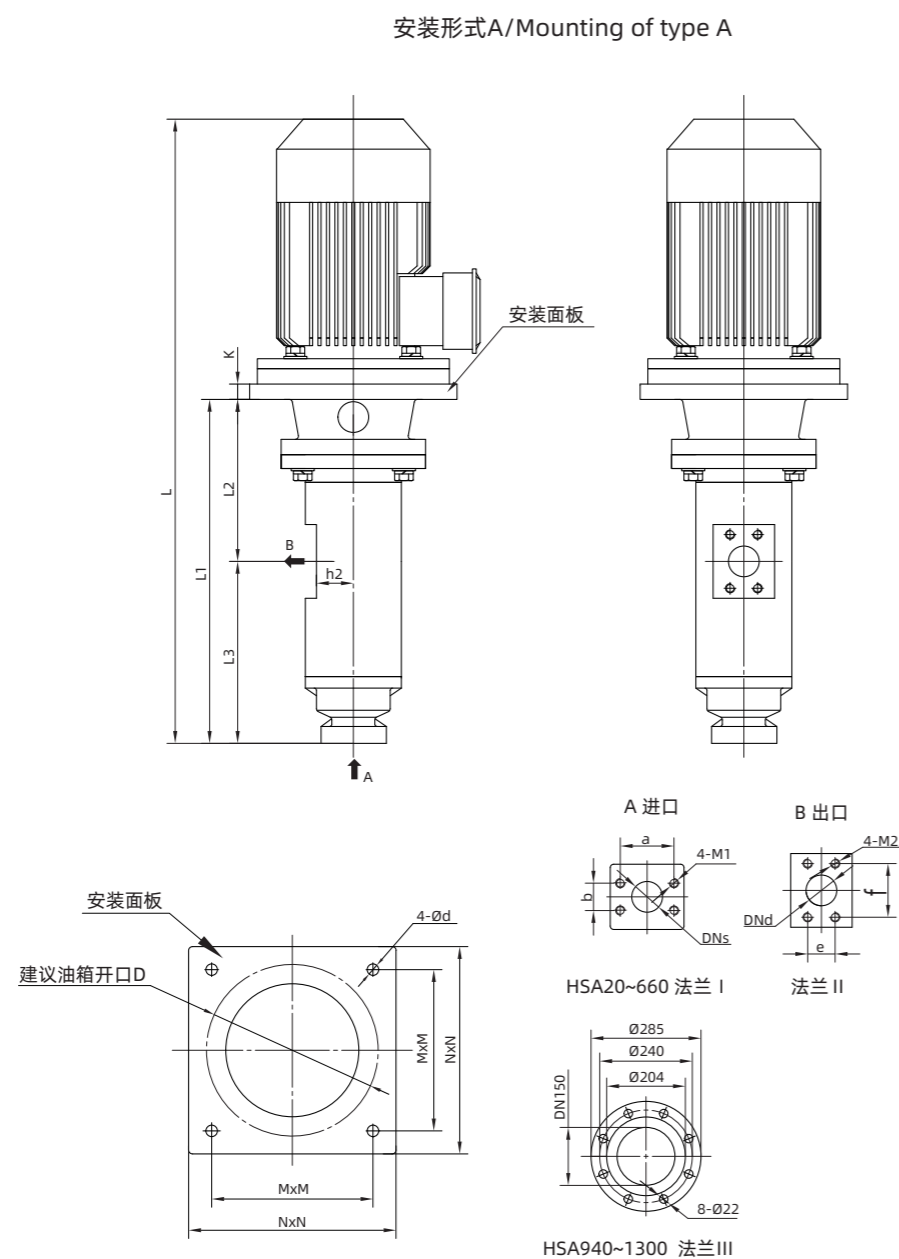
| 泵型号 Pump type | 电机规格 Motor Size | L1 (2P/4P) | L3 (2P/4P) | L4 (2P/4P) | h1 | h2 | L2 | L5 | h | p | q | d |
|------------------|--------------------|---------------|---------------|---------------|-----|-----|-----|---------|-----|-----|-----|----|
| HSA20 | 80M1/80M2 | 39 | 135 | 173 | 65 | 42 | 251 | 100 | 80 | 125 | 165 | 10 |
| | 90S/90L | | | | | | 267 | 100/125 | 90 | 140 | 180 | 10 |
| HSA40 | 80M1/80M2 | 39 | 155 | 193 | 65 | 42 | 257 | 100 | 80 | 125 | 165 | 10 |
| | 90S/90L | | | | | | 272 | 100/125 | 90 | 140 | 180 | 10 |
| | 100L | | | | | | 288 | 140 | 100 | 160 | 205 | 12 |
| HSA80 | 112M | 48/43 | 199/194 | 247/237 | 75 | 48 | 295 | 140 | 112 | 190 | 245 | 12 |
| | 90S/90L | | | | | | 298 | 100/125 | 90 | 140 | 180 | 10 |
| | 100L | | | | | | 314 | 140 | 100 | 160 | 205 | 12 |
| | 112M | | | | | | 321 | 140 | 112 | 190 | 245 | 12 |
| HSA120 | 132S | 55.5/48 | 233/225 | 288/273 | 80 | 50 | 360 | 140 | 132 | 216 | 280 | 12 |
| | 90L | | | | | | 317 | 125 | 90 | 140 | 180 | 10 |
| | 100L | | | | | | 333 | 140 | 100 | 160 | 205 | 12 |
| | 112M | | | | | | 340 | 140 | 112 | 190 | 245 | 12 |
| | 132S/132M | | | | | | 379 | 140/178 | 132 | 216 | 280 | 12 |
| HSA210 | 160M | 63/55.5 | 269/261 | 331/316 | 90 | 56 | 429 | 210 | 160 | 254 | 330 | 15 |
| | 100L | | | | | | 356 | 140 | 100 | 160 | 205 | 12 |
| | 112M | | | | | | 363 | 140 | 112 | 190 | 245 | 12 |
| | 132S/132M | | | | | | 402 | 140/178 | 132 | 216 | 280 | 12 |
| HSA280 | 160M/160L | 75.5/63 | 295/288 | 371/351 | 95 | 65 | 452 | 210/254 | 160 | 254 | 330 | 15 |
| | 180M | | | | | | 465 | 241 | 180 | 279 | 355 | 15 |
| | 112M | | | | | | 369 | 140 | 112 | 190 | 245 | 12 |
| HSA440 | 132S/132M | 80/73 | 343/336 | 434/409 | 110 | 73 | 408 | 140/178 | 132 | 216 | 280 | 12 |
| | 160M/160L | | | | | | 458 | 210/254 | 160 | 254 | 330 | 15 |
| | 180M/180L | | | | | | 471 | 241/279 | 180 | 279 | 355 | 15 |
| | 200L | | | | | | 495 | 241/279 | 180 | 279 | 355 | 15 |
| | 225S | | | | | | 507 | 305 | 200 | 318 | 395 | 19 |
| HSA660 | 225S | 85.5 | 390 | 475 | 120 | 77 | 553 | 286/311 | 225 | 356 | 435 | 19 |
| | 160M/160L | | | | | | 509 | 210/254 | 160 | 254 | 330 | 15 |
| | 180M/180L | | | | | | 522 | 241/279 | 180 | 279 | 355 | 15 |
| | 200L | | | | | | 534 | 305 | 200 | 318 | 395 | 19 |
| HSA940 | 225S/225M | 142.5 | 527 | 535 | 180 | 90 | 580 | 286/311 | 225 | 356 | 435 | 19 |
| | 160M/160L | | | | | | 545 | 210/254 | 160 | 254 | 330 | 15 |
| | 180M/180L | | | | | | 558 | 241/279 | 180 | 279 | 355 | 15 |
| | 200L | | | | | | 566 | 305 | 200 | 318 | 395 | 19 |
| | 225S/225M | | | | | | 612 | 286/311 | 225 | 356 | 435 | 19 |
| HSA1300 | 250M | 142.5 | 595 | 593 | 210 | 101 | 631 | 349 | 250 | 406 | 490 | 24 |
| | 160L | | | | | | 557 | 254 | 160 | 254 | 330 | 15 |
| | 180M/180L | | | | | | 570 | 241/279 | 180 | 279 | 355 | 15 |
| | 200L | | | | | | 578 | 305 | 200 | 318 | 395 | 19 |
| | 225S/225M | | | | | | 624 | 286/311 | 225 | 356 | 435 | 19 |
| | 250M | | | | | | 643 | 349 | 250 | 406 | 490 | 24 |
| | 280S | | | | | | 665 | 368 | 280 | 457 | 545 | 24 |

J-A形机组安装尺寸图 Dimensional drawing of pump and motor assembly units

J-A形式安装尺寸图

Mounting dimension of type J-A: The diagram and list below are applicable for type of upward inlet and upward outlet and type of inlet at end surface and upward outlet. For the other types of pump, only the direction of inlet or outlet is different, but mounting dimensions are the same as this one.

HSAJ20-1300



| 泵规格 Pump type | 电机型号 Motor Size | L1 (2P/4P) | L2 | ≈ L (2P/4P) | h2 | D | k | d | N×N | M×M |
|------------------|--------------------|---------------|-----|----------------|-----|-----|---------|---------|---------|---------|
| HSAJ 20 | 80S, 80M | 364 | 189 | 627 | 42 | 170 | 19 | 15 | 240×240 | 210×210 |
| | 90S, 90L | 373 | 198 | 661 | | | | | | |
| HSAJ 40 | 80S, 80M | 390 | 195 | 653 | 42 | 170 | 19 | 15 | 240×240 | 210×210 |
| | 90S, 90L | 400 | 205 | 688 | | | | | | |
| | 100L | 400 | 205 | 744 | | | 19.5 | 270×270 | 240×240 | |
| HSAJ 80 | 90S, 90L | 470/460 | 223 | 758/748 | 48 | 210 | 19.5 | 15 | 270×270 | 240×240 |
| | 100L/112M | 478/468 | 231 | 821/811 | | | | | | |
| | 132S/132M | 498/488 | 251 | 912/902 | | | 24.5 | 335×335 | 305×305 | |
| HSAJ 120 | 90L | 528/513 | 240 | 816/801 | 53 | 210 | 19.5 | 15 | 270×270 | 240×240 |
| | 100L/112M | 538/523 | 250 | 881/866 | | | | | | |
| | 132S/132M | 558/543 | 270 | 972/957 | | | 24.5 | 19 | 360×360 | 320×320 |
| | 160M | 588/573 | 300 | 1113/1098 | | | | | | |
| HSAJ 210 | 100L/112M | 623/609 | 292 | 981/967 | 56 | 260 | 24.5 | 15 | 335×335 | 305×305 |
| | 132S/132M | 623/609 | 292 | 1036/1022 | | | | | | |
| | 160M/160L | 653/639 | 322 | 1179/1165 | | | 19 | 360×360 | 320×320 | |
| HSAJ 280 | 112M | 669/649 | 298 | 1028/1008 | 65 | 260 | 24.5 | 19 | 335×335 | 305×305 |
| | 132S/132M | 669/649 | 298 | 1083/1063 | | | | | | |
| | 160M/160L | 699/679 | 328 | 1225/1205 | | | 19 | 360×360 | 320×320 | |
| | 180M | 699/679 | 328 | 1301/1281 | | | | | | |
| HSAJ 440 | 132S/132M | 752/737 | 328 | 1166/1151 | 73 | 320 | 24.5 | 19 | 360×360 | 320×320 |
| | 160M/160L | 776/761 | 352 | 1302/1287 | | | | | | |
| | 180M/180L | 776/761 | 352 | 1378/1363 | | | | | | |
| | 200L | 776/761 | 352 | 1470/1455 | | | | | | |
| | 225S | 806/791 | 382 | 1499/1484 | | | 23 | 420×420 | 380×380 | |
| HSAJ 660 | 160M/160L | 855 | 380 | 1380 | 77 | 320 | 24.5 | 19 | 360×360 | 320×320 |
| | 180M/180L | 855 | 380 | 1457 | | | | | | |
| | 200L | 855 | 380 | 1548 | | | | | | |
| | 225S/225M | 885 | 410 | 1578 | | | | | | |
| | 250M | 885 | 410 | 1674 | | | 23 | 500×500 | 450×450 | |
| | | 885 | 410 | 1674 | | | | | | |
| HSAJ 940 | 160M/160L | 933 | 404 | 1459 | 90 | 400 | 24.5 | 23 | 550×550 | 500×500 |
| | 180M/180L | 933 | 404 | 1535 | | | | | | |
| | 200L | 933 | 404 | 1627 | | | | | | |
| | 225S/225M | 963 | 434 | 1657 | | | 600×600 | 550×550 | | |
| HSAJ 1300 | 160M/160L | 1015 | 422 | 1541 | 101 | 400 | 35 | 23 | 550×550 | 500×500 |
| | 180M/180L | 1015 | 422 | 1617 | | | | | | |
| | 200L | 1015 | 422 | 1709 | | | | | | |
| | 225S/225M | 1045 | 452 | 1739 | | | | | | |
| | 250M | 1045 | 452 | 1834 | | | 35 | 23 | 600×600 | 550×550 |

HSA 泵机组安装说明

HSA PUMP UNIT INSTALLATION INSTRUCTIONS

接口法兰尺寸图表 Flange Diagram

| 1450r/min的4级电机 4-pole motor of 1450r / min | | | | | | | | | | |
|--|----------------|------|-------|-------------------------|----------------|----------|-------|----------------------------|----|---------------|
| 法兰 I 执行标准: SAEJ518C | | | | 法兰 II 执行标准: SAEJ518C | | | | 法兰 III 执行标准: GB/T 20592 | | |
| | | | | | | | | | | |
| 泵型号 Pump type | DNs | a | b | M1 | 视图 | DNd | e | f | M2 | 视图 |
| HSA20 | 1 1/4 in | 58.7 | 30.2 | 10 | 法兰 I (进口) | 1 in | 26.2 | 52.4 | 10 | 法兰 II (出口) |
| HSA40 | | | | | | 1 1/2 in | 35.7 | 69.9 | 12 | |
| HSA80 | 2 in | 42.9 | 77.8 | 12 | | | | | | |
| HSA120 | 2 1/2 in | 50.8 | 88.9 | 12 | | | | | | |
| HSA210 | 3 in | 61.9 | 106.4 | 16 | | | | | | |
| HSA280 | 4 in | 77.8 | 130.2 | 16 | | | | | | |
| HSA440 | 5 in | 92.1 | 152.4 | 16 | 法兰 III (进口) | 5 in | 152.4 | 92.1 | 16 | |
| HSA660 | PL150(B)-10 RF | | | | | | | | | |
| HSA940 | PL150(B)-10 RF | | | | | | | | | |
| HSA1300 | PL150(B)-10 RF | | | | | | | | | |

| 3000r/min的2级电机 2-pole motor of 3000r / min | | | | | | | | | | |
|--|----------------|------|-------|----|--------------|----------|------|------|----|---------------|
| 泵型号 Pump type | DNs | a | b | M1 | 视图 | DNd | e | f | M2 | 视图 |
| HSA20 | 1 1/4 in | 58.7 | 30.2 | 10 | 法兰 I (进口) | 1 in | 26.2 | 52.4 | 10 | 法兰 II (出口) |
| HSA40 | | | | | | 1 1/2 in | 35.7 | 69.9 | 12 | |
| HSA80 | 2 in | 42.9 | 77.8 | 12 | | | | | | |
| HSA120 | 2 1/2 in | 50.8 | 88.9 | 12 | | | | | | |
| HSA210 | 3 in | 61.9 | 106.4 | 16 | | | | | | |
| HSA280 | 4 in | 77.8 | 130.2 | 16 | | | | | | |
| HSA440 | 5 in | 92.1 | 152.4 | 16 | | | | | | |
| HSA660 | PL150(B)-10 RF | | | | | | | | | |

安装尺寸

MOUNTING DIMENSIONS

HSA系列三螺杆泵进出口方向代号 Code for inlet and outlet direction of HSA series three screw pump

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

注:

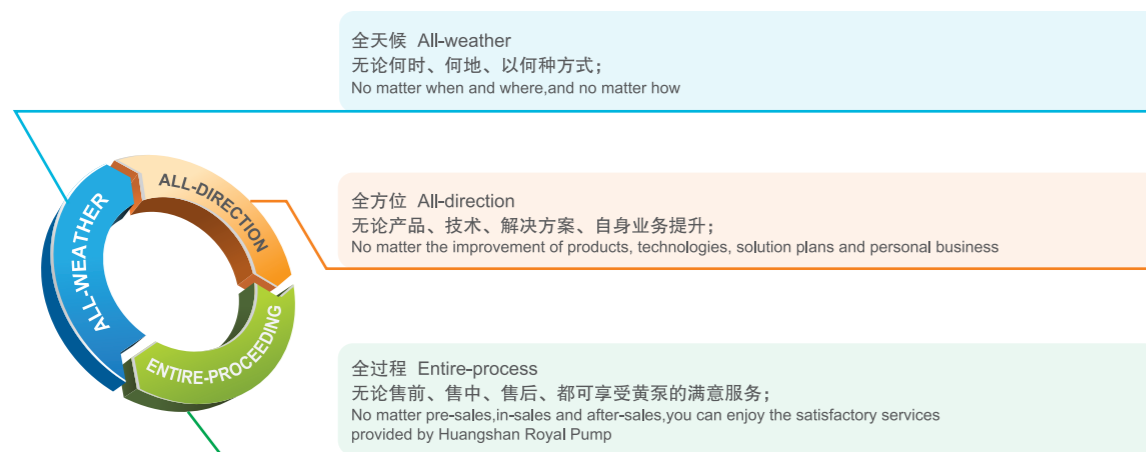
- 以上进出口方向视角均为面向泵轴伸端(从电机看泵);
- 泵进出口方向代号不在泵型号中体现, 若有需求请单独提出; 侧进口默认按上进上出 (SS) 供货, 端进口默认按端进上出 (DS) 供货;
- 图形以F安装形式为列, 适用于D安装形式。
 - Facing pump shaft end (viewed from motor end).
 - Pump inlet/outlet direction code shall not be in the pump code. Top in and top out (SS) shall be defaulted for side in design; End in and top out (DS) shall be defaulted for the end in design.
 - F type is demonstrated and also suitable for D type.

解决方案 / Solution plan

可为客户提供专业的、全方位的螺杆泵系统应用解决方案。
Be able to provide the professional and all-aspect solution plan for the application of screw-pump system.

流程服务 / Process service

执行“AAE”流程服务体系，更严谨、更周到的关注每一个细节。
Carry out “AAE” process service system, and concern about every detail more carefully and more thoughtfully.



预案管控 / Plan control

拥有系统的预案体系，对应用过程中的常见问题做到
事前提醒和服务跟踪。
Possess the systematic plan system, and achieve reminding in advance and tracking service as for the common problems in the process of application.