U-flo®
Pumps & System


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南京方卓品牌设计 | www.njfzad.com


立式單級管道泵
VERTICAL SINGLE-STAGE INLINE PUMP

# FG SERIES

# VERTICAL SINGLE-STAGE INLINE PUMP

U-flo®
Pumps & System

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U-flo® Pumps & System *Water Can Fly*

## U-FLO U.S. 美國尤孚

U-flo Pumps International LLC is a global water pump manufacturing and marketing company registered in Washington, USA. Our cooperated facilities are located in Italy, Japan, Taiwan and China. Our primary products include Deep-well Pumps, Above-ground Pumps, Sewage Pumps, Pumping Systems. They are widely used in power plants, paper mills, steel plants, agriculture irrigations, construction trades, industrial applications, mining operations, municipal utilities as well as oil/gas fields.

Integrity, Innovation, International

Since the first U-FLO water pump was manufactured, our people have been making unremitting endeavor to improve designs of the U-FLO water pump products. We apply the best industry practices and the best suitable materials for key components to the design and manufacturing of our pumps.

In addition to our state of art manufacturing facilities, we put a big effort on pump testing. Every product undergoes a rigorous testing and inspection process before being shipped to our customers. Our test facility incorporates a 12000 cubic meter (52,834 gallon) closed loop system with testing capacity of up to 600m3/h (2640GPM) with the maximum head of 200m (656ft), and 250 horsepower (dual voltages of 50Hz and 60Hz). Following a strict quality management system, all of our facilities are ISO 9001 and ISO 4001 certified.

Water is a vital part of our natural resources. While we always pursue the excellence of our products and services, we also take every step to promote environment-friendly and energy-saving solutions.

As a global pump manufacturer and supplier, U-FLO is committed to producing the finest water pumps in the world and continues to lead the way forward in the pumping industry.

U–FLOPUMPS INTERNATIONAL LLC 是一家总部注册在美国华盛顿州的全球化水泵制造与销售公司。我们在意大利，日本，台湾和中国大陆地区均设有合作工厂。我们主要产品包括深井泵、地面泵、污水泵和供水设备。产品广泛应用于电厂、造纸厂、钢厂、农业灌溉、建筑、工业应用、矿山、市政以及油田领域。

诚信、创新、国际化

自第一台 U–flo 水泵出厂以来，我们一直不懈努力，致力于改进 U–flo 水泵的设计。我们以最高的行业要求和最佳材料设计和制造水泵。

在严抓工艺水平的同时，我们还致力于水泵的测试。每一台水泵在出厂前均需要经过严格的测试和检验。我们的测试台含 12000 立方米 (52,834 加仑）闭式循环系统，最大测试流量达 600m3/h(2640GPM)，最高扬程为 200m(656ft)，250 马力（双电压 50Hz、60Hz）。按照严格的质量管理体系，我们所有的工厂均通过 ISO9001 和 ISO14001 认证。

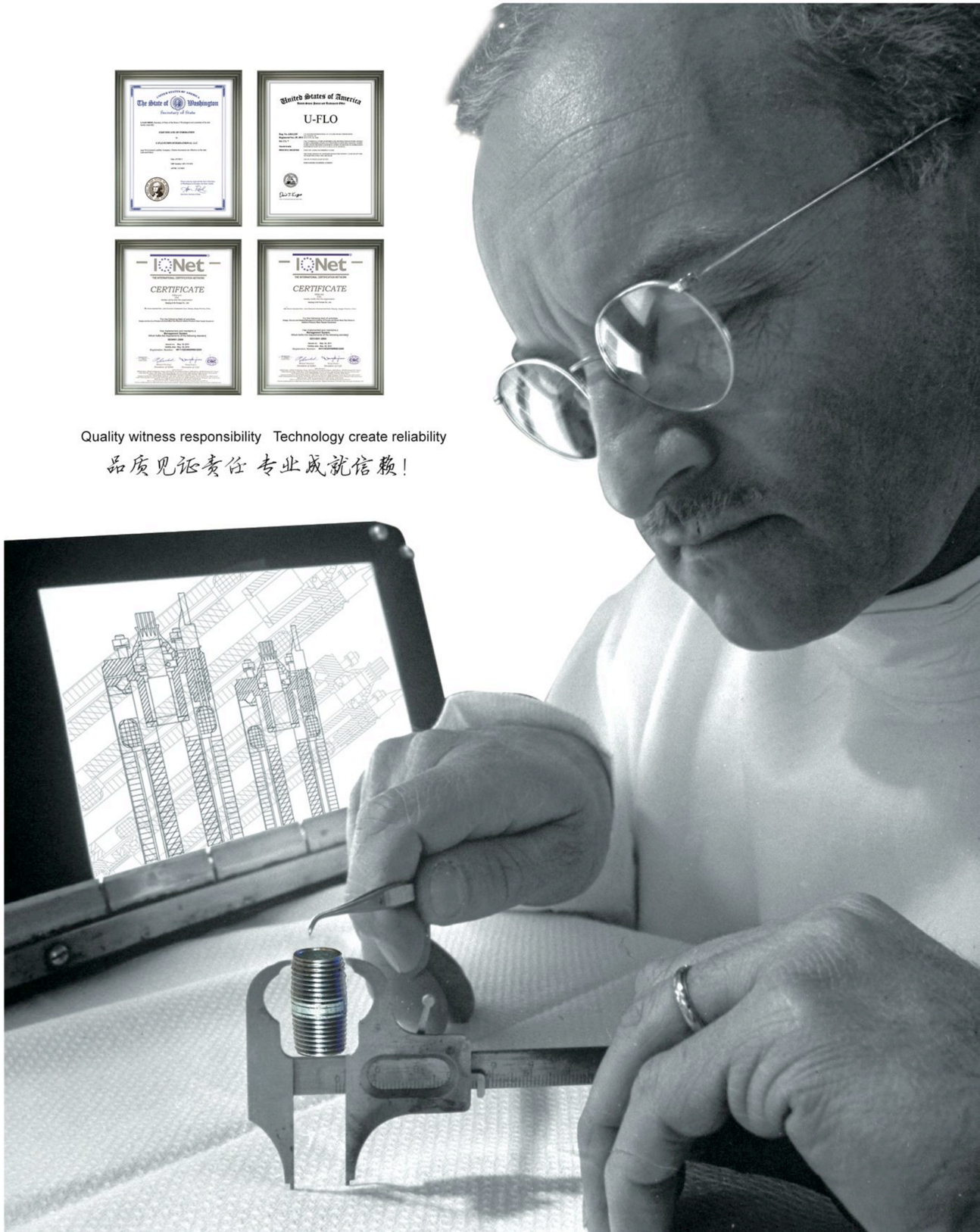
水是自然资源的重要组成成分，我们在追求卓越的产品和服务的同时，亦在努力推广环保和节能解决方案。

作为全球水泵制造商和供应商，U–flo 致力于生产全球最好的水泵，成为水泵行业的领跑者。




Quality witness responsibility Technology create reliability

品质见证责任 专业成就信赖！



## Design & production 设计和制造

Design and production are all made internally at U-flo's facilities, with a quality and process systems in accordance to the ISO9001 standards; as a further results of its environmental orientation, U-flo, in the 2011, got the ambitious ISO14001 Certificate proving that its production processes comply with the very strict rules imposed by the ISO14001 Certificate.

U-flo自主设计和制造，质量及生产系统符合ISO9001标准。更因为U-flo准确的环境定位，2011年获得ISO14001认证，充分证明生产过程符合ISO14001标准。

## Product application scope 产品应用范围

Vertical inline pump is widely used in the following application field, such as conventional industrial city water supply, high building pressurized water, HVAC fire water system, cold and heat cycle, equipment supporting, boiler water supply, agricultural irrigation water, etc.

立式管道泵在下列应用领域中越来越多地使用，如常规的工业城市给水、高层建筑增压送水、暖通空调冷热循环、消防给水、设备配套、锅炉给水、农业灌溉用水等。

U-FLO reserves the right to make modifications without notice。
U-FLO 有权对产品进行修改，恕不另行通知。

# Ⅰ、Introduction

Vertical inline pump is widely used in the following application field, such as conventional industrial city water supply, high building pressurized water, HVAC fire water system, cold and heat cycle, equipment supporting, boiler water supply, agricultural irrigation water, etc.
"U-FLO" vertical inline pump has been created for years.The accumulation of experience, the concentration on R&D, outstanding quality and advanced manufacturing technology guarantee our strict production demands.

立式管道泵在下列应用领域中越来越多地使用，如常规的工业城市给水、高层建筑增压送水、暖通空调冷热循环、消防给水、设备配套、锅炉给水、农业灌溉用水等。
“U-FLO”立式管道泵至今已有多年历史，不断积累的经验、在研发上的倾注、优异的质量和最先进的制造技术，无疑是满足生产要求的重要保障。



# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

FG
FG40
FG50
FG65
FG80
FG100
FG125
FG150
FG200
OTHERS

## Ⅱ、APPLICATIONS 用途

| | |
|---|---|
| HAVC heating and cooling circulation | 暖通空调冷热循环 |
| Industrial and urban water supply | 工业城市给水 |
| High rise building boost and water supply | 高层建筑增压送水 |
| Fire–fighting water supply | 消防给水 |
| Equipment Supporting | 设备配套 |
| Boiler water supply | 锅炉给水 |
| Agricultural irrigation water supply | 农业灌溉用水 |

## Ⅲ、MODEL DESCRIPTION 型号说明

| | | |
|---|---|---|
| FG 65–130/2 | 2: 2–pole motor 4: 4–pole motor | 2：2极电机 4：4极电机 |
| 65 | SUC.DIAMETER (mm) | 出水口径 ：DN65 |
| –130 | IMPELLER NOMINAL DIAMETER (HP) | 叶轮名义直径(mm) |
| FG | INLINE CENTRIFUGAL PUMP CODE | 管道离心泵型号 |

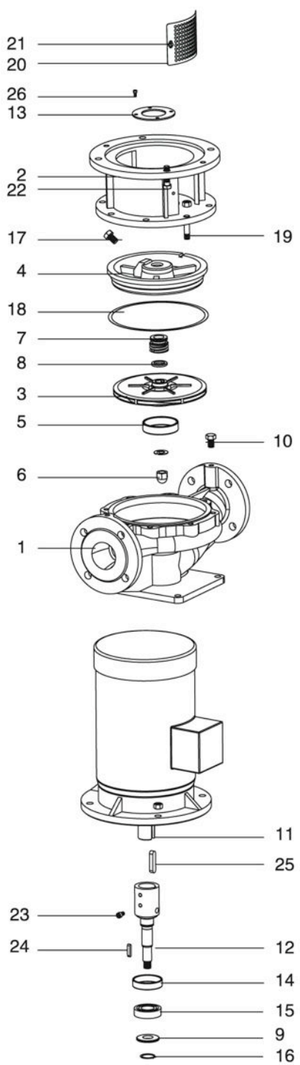
## Ⅳ、TECHNICAL SPECIFICATION 技术参数

| | | |
|---|---|---|
| Max. flow | 最大流量 | 500m³/h |
| Max. head | 最高扬程 | ≤140m |
| Continuous load | 连续性负载 | |
| Pumped liquid temperature | 泵送液体温度 | –10ºC至105ºC |
| Max. operating pressure | 最大工作压力 | 16bar |
| Mechanical seal meets DIN24960 standard, lubricated by internal recirculation of pumped liquid | 机械密封符合DIN标准，并可由所泵送的液体进行内部润滑 | |
| Protection degree | 防护等级 | IP55 |
| Insulation class | 绝缘等级 | F |
| 2–pole and 4–pole motor are available | 有二极和四极两种电机可供选择 | |
| 50Hz and 60Hz are available | 电机频率有50Hz和60Hz | |

# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

## Ⅵ、MATERIALS 材质




| | DESCRIPTION | MATERIAL |
|---|---|---|
| 1 | 泵体 | 铸钢/球墨铸铁400/316不锈钢 |
| 2 | 联接座 | 铸钢/球墨铸铁200 |
| 3 | 叶轮 | 铝黄铜/铝青铜/不锈钢304/316 |
| 4 | 泵盖 | 铸钢/304不锈钢/316不锈钢 |
| 5 | 密封环 | 铸钢/304不锈钢/316不锈钢 |
| 6 | 叶轮螺母 | 铝黄铜/不锈钢304/316 |
| 7 | 机械密封 | 博格曼 |
| 8 | 密封座 | 304不锈钢/316不锈钢/420不锈钢 |
| 9 | 挡水环 | 丁腈橡胶 |
| 10 | 丝堵 | Q235D/304不锈钢/316不锈钢 |
| 11 | 电机 | – |
| 12 | 轴 | 304不锈钢/316不锈钢/420不锈钢 |
| 13 | 轴承盖 | Q235D |
| 14 | 弹性垫 | 硅橡胶 |
| 15 | 轴承 | NTN/NSK |
| 16 | 轴用挡圈 | 1566 |
| 17 | 丝堵 | Q235D/304不锈钢/316不锈钢 |
| 18 | 泵体纸垫 | 聚四氟乙烯/青壳纸 |
| 19 | 螺栓 | Q235D/304不锈钢/316不锈钢 |
| 20 | 防护罩 | Q235D |
| 21 | 开槽圆柱头螺钉 | Q235D |
| 22 | 螺栓 | Q235D |
| 23 | 内六角圆柱端紧定螺钉 | Q235D |
| 24 | 键 | 1405 |
| 25 | 键 | 1405/304不锈钢/316不锈钢 |
| 26 | 内六角圆柱头螺钉 | Q235D |

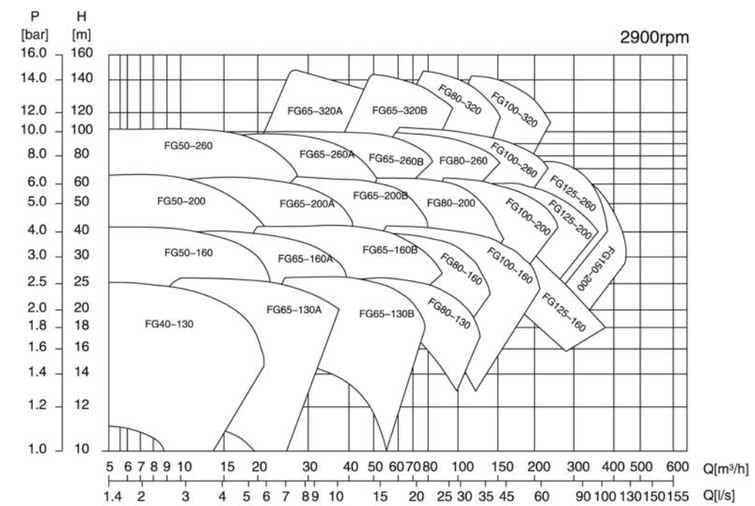
| | 名称 | 材料 |
|---|---|---|
| 1 | Casing | S30C/QT400/SS316 |
| 2 | Adaptor | S30C/QT200 |
| 3 | Impeller | C67800/C61000/SS304/SS316 |
| 4 | Casing Cover | S30C/SS304/SS316 |
| 5 | Front–Wear Ring | S35C/SS304/SS316 |
| 6 | Impeller Nut | C67800/SS304/SS316 |
| 7 | Mech Seal | Bergman |
| 8 | Seal Seat | S304/SS316/SS420 |
| 9 | Rubber Slinger | NBR |
| 10 | Plug | Q.235 D/SS304/SS316 |
| 11 | Motor | – |
| 12 | Shaft | SS304/SS316/SS420 |
| 13 | Bearing Cover | Q.235 D |
| 14 | Flexible Washer | Silicon rubber |
| 15 | Bearing | NTN/NSK |
| 16 | External Circlip | 1566 |
| 17 | Plug | Q.235 D/SS304/SS316 |
| 18 | Casing Gasket | PTFE/Fishpaper |
| 19 | Screw Bolt | Q.235 D/SS304/SS316 |
| 20 | Shield | Q.235 D |
| 21 | Screw | Q.235 D |
| 22 | Screw Bolt | Q.235 D |
| 23 | Screw | Q.235 D |
| 24 | Key | 1405 |
| 25 | Key | 1405/S304/S316 |
| 26 | Screw | Q.235 D |

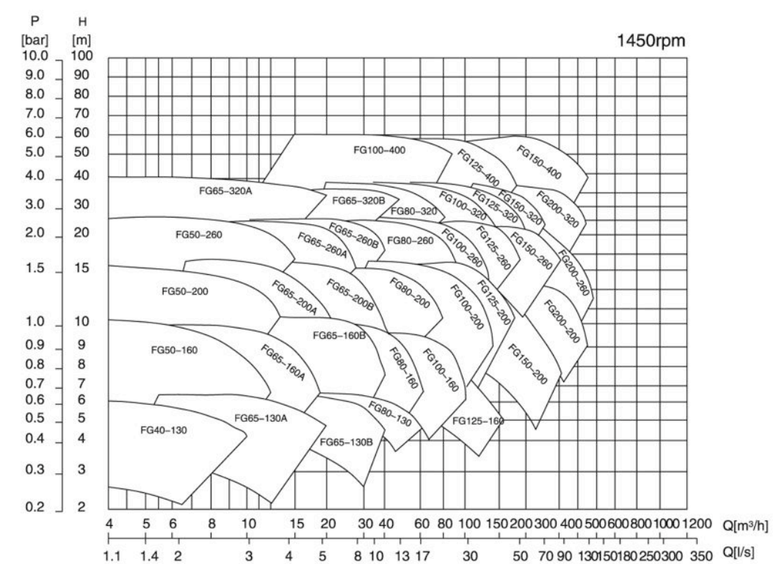


VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

## Ⅶ、PERFORMANCE CURVE DIAGRAM 型谱图

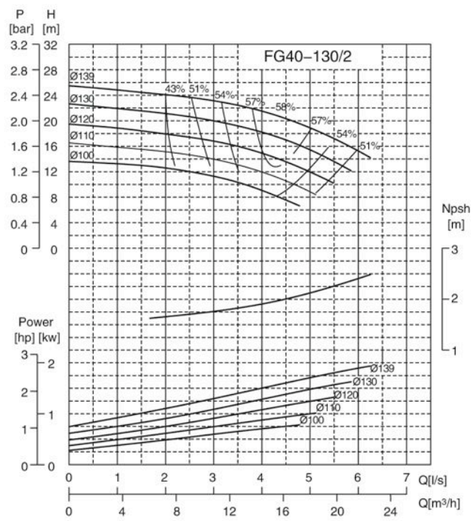


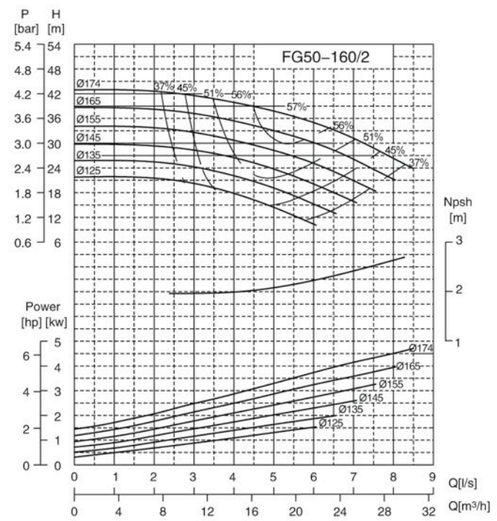



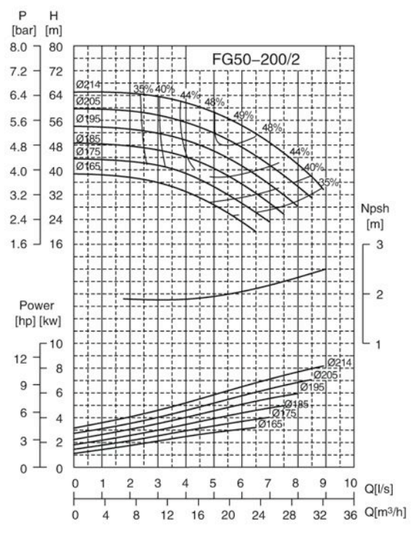
# VERTICAL SINGLE-STAGE INLINE PUMP

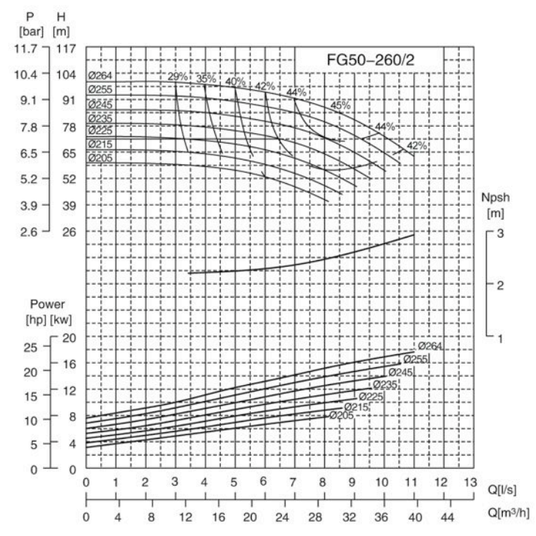
## FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



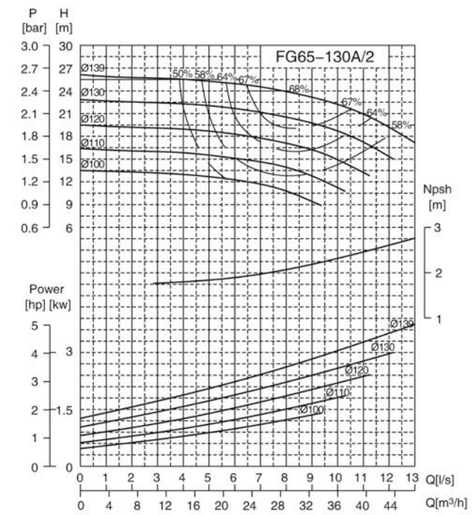



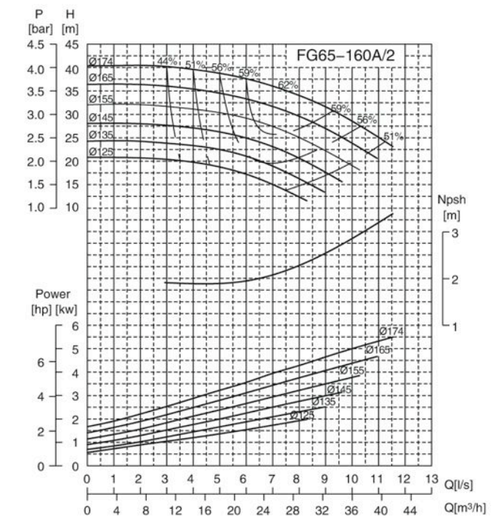


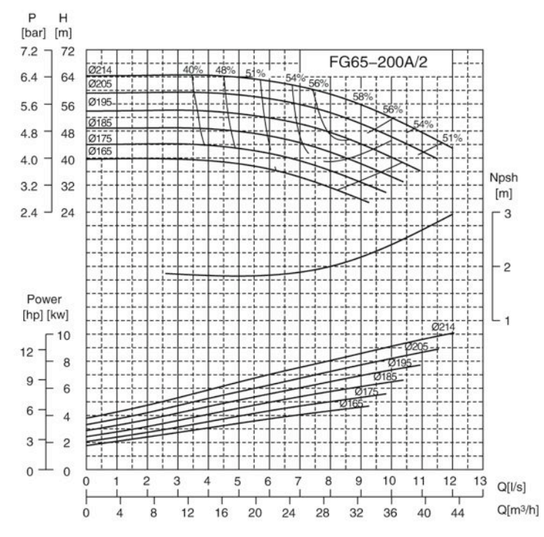

VERTICAL SINGLE-STAGE INLINE PUMP

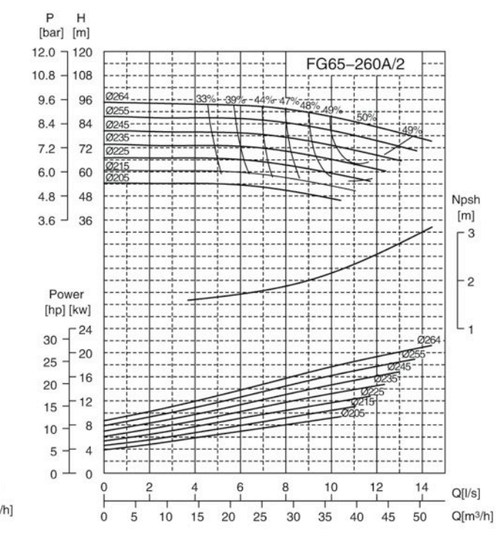
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



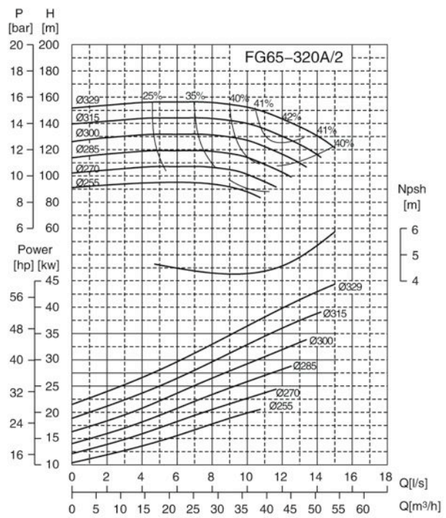



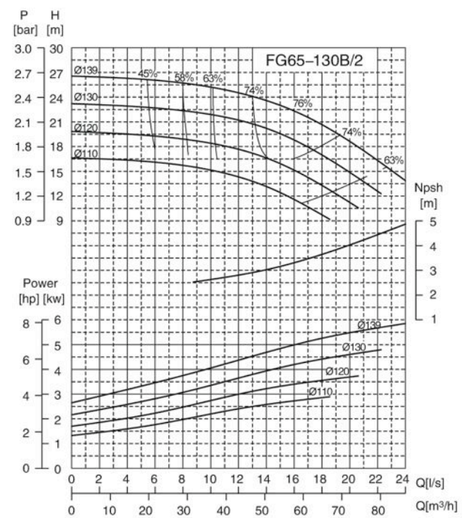



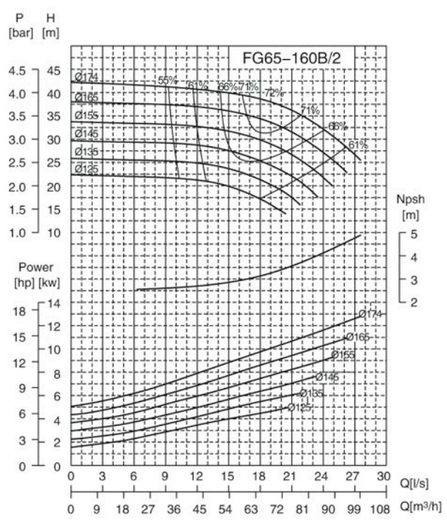
# VERTICAL SINGLE-STAGE INLINE PUMP

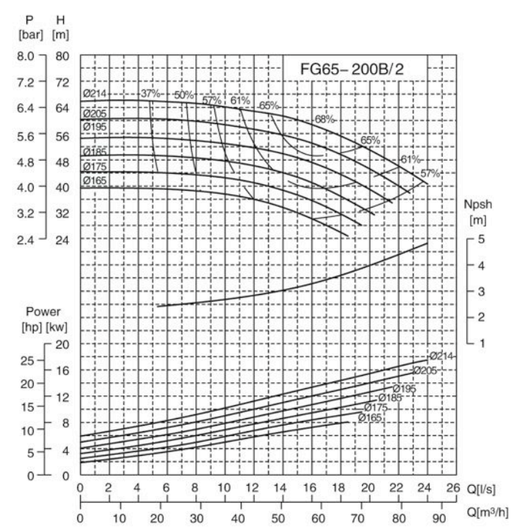
## FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)






VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

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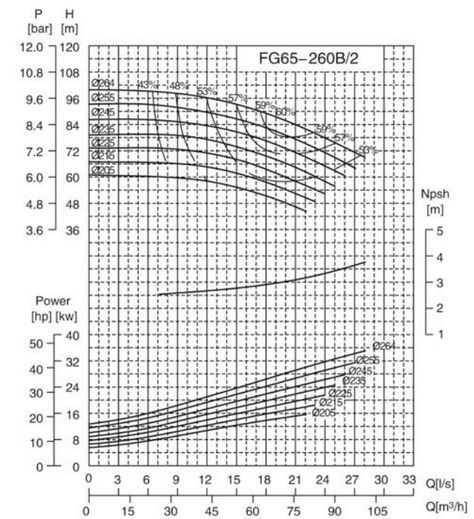


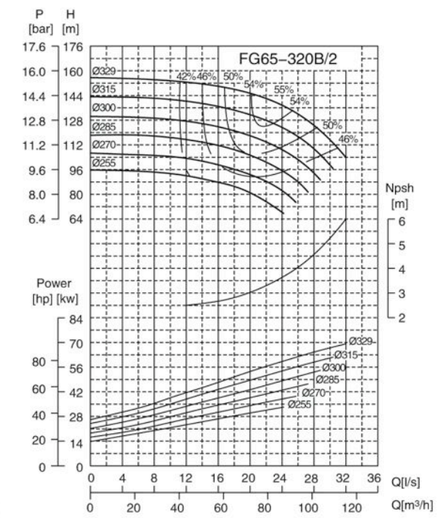


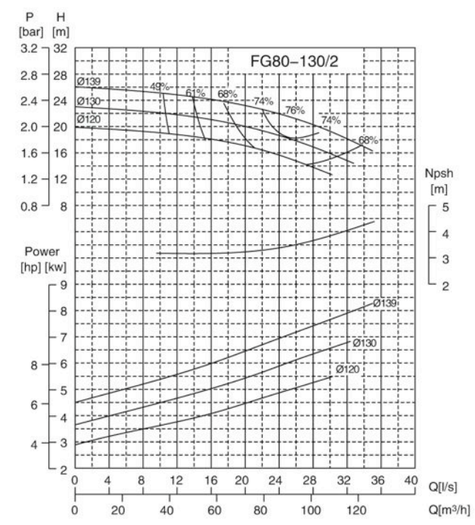


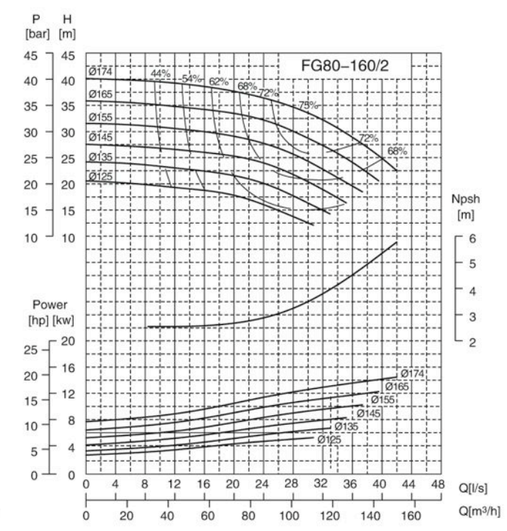

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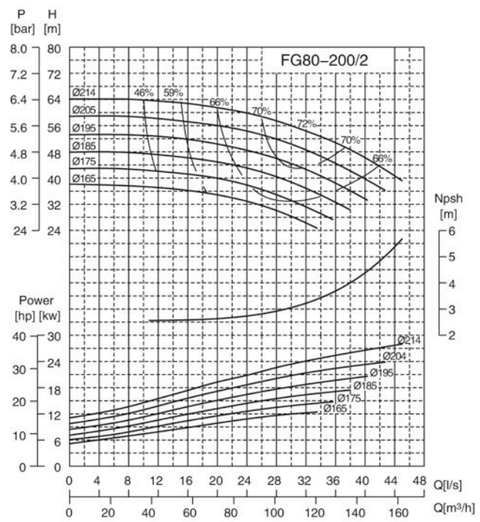
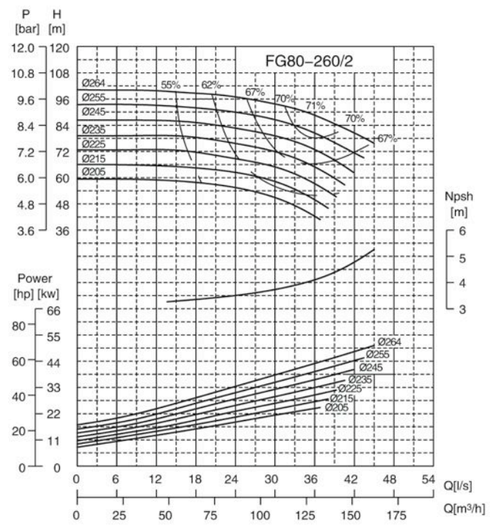
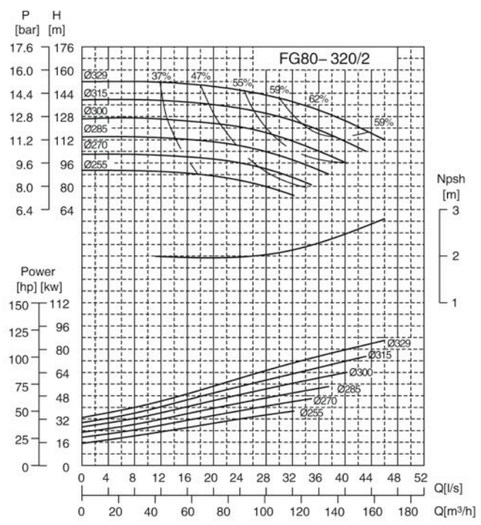
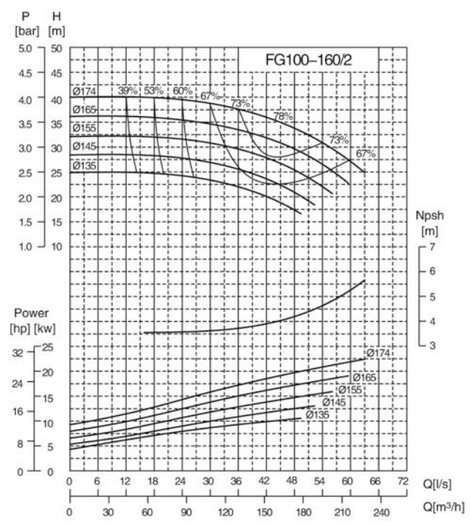
FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



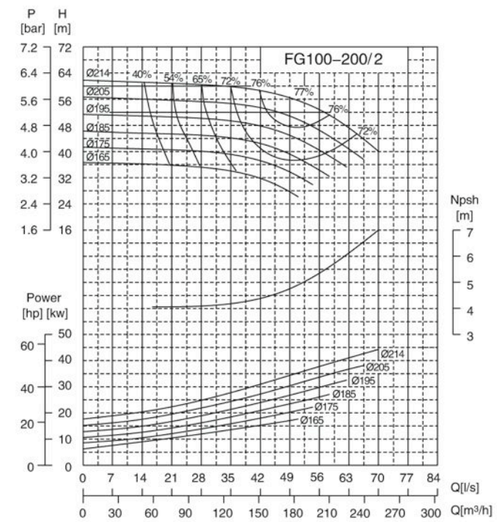



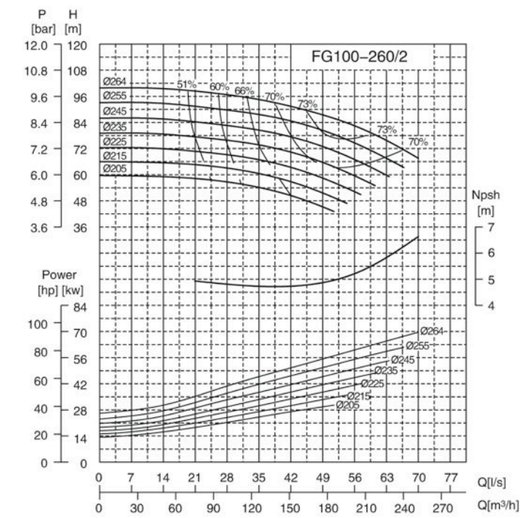


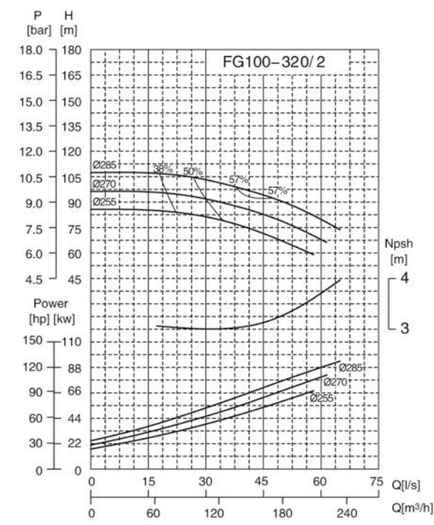

VERTICAL SINGLE-STAGE INLINE PUMP

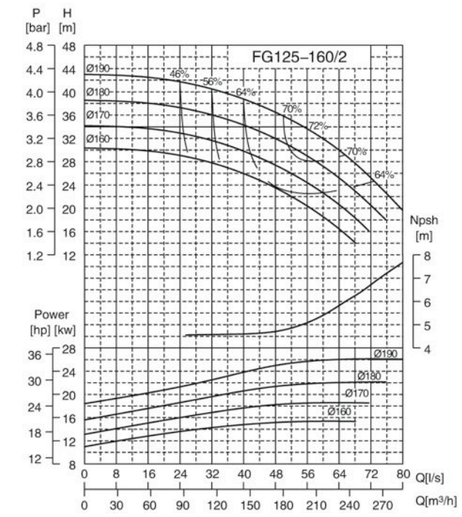
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



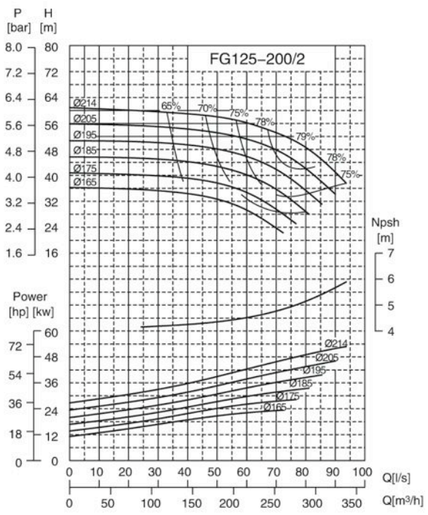



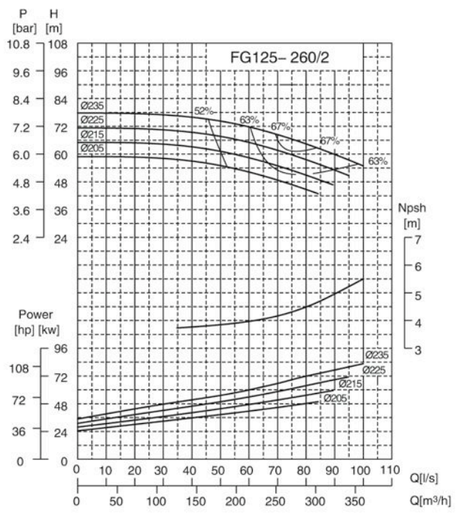



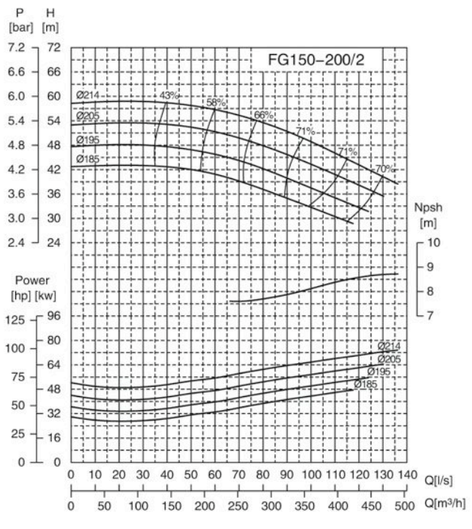
# VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



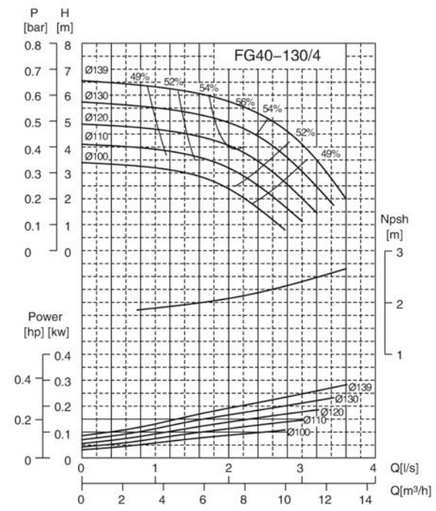



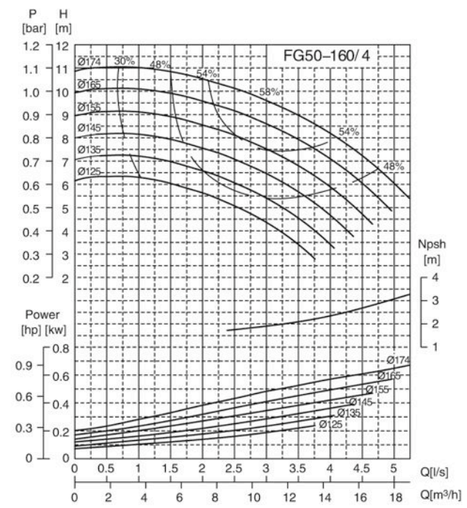


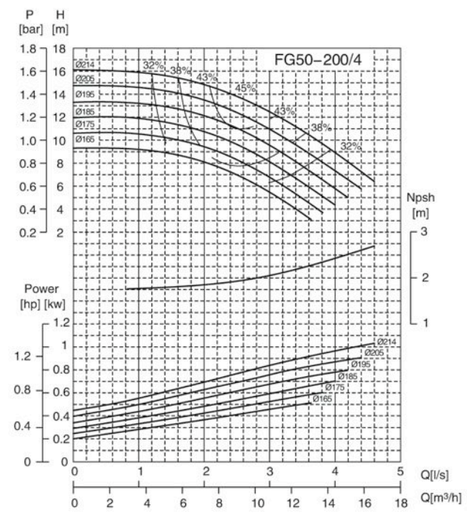

VERTICAL SINGLE-STAGE INLINE PUMP

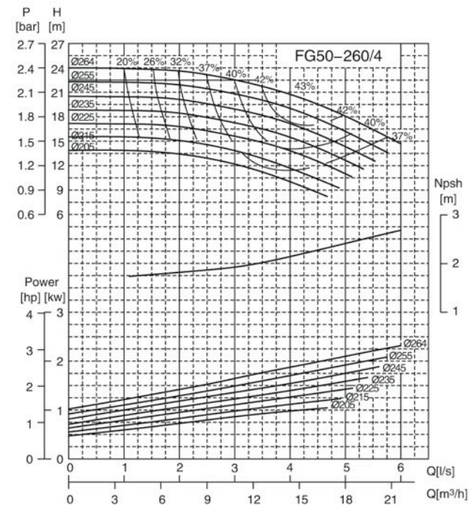
FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



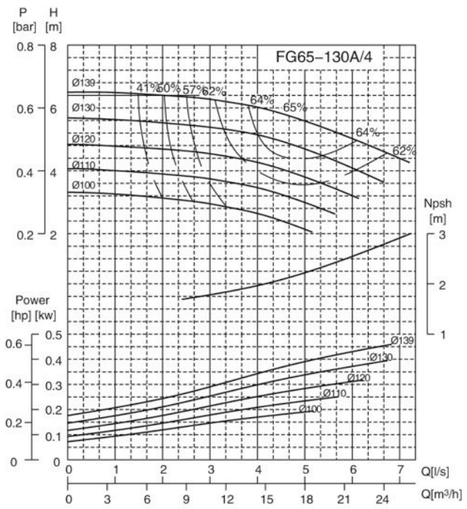



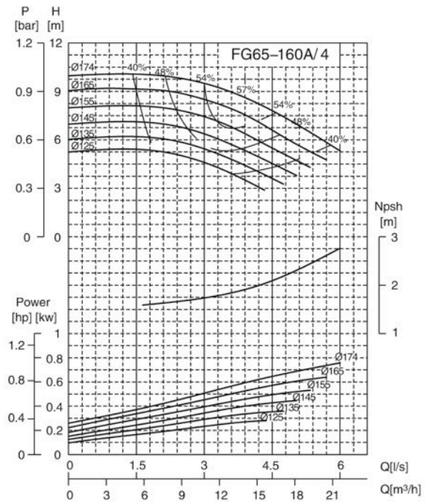



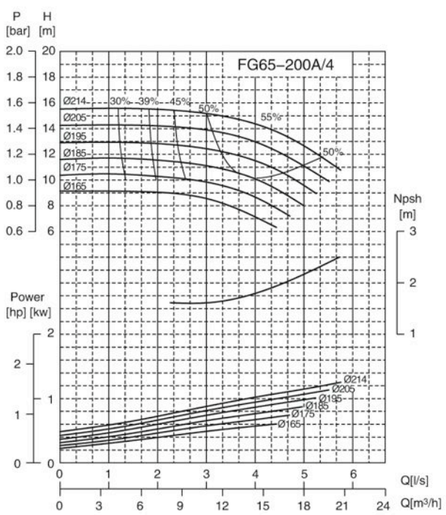
# VERTICAL SINGLE-STAGE INLINE PUMP

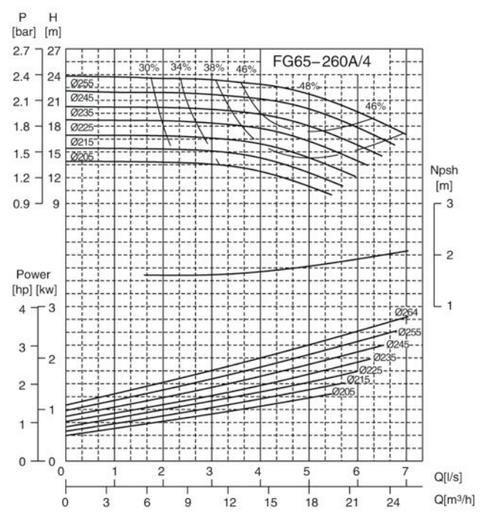
## FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



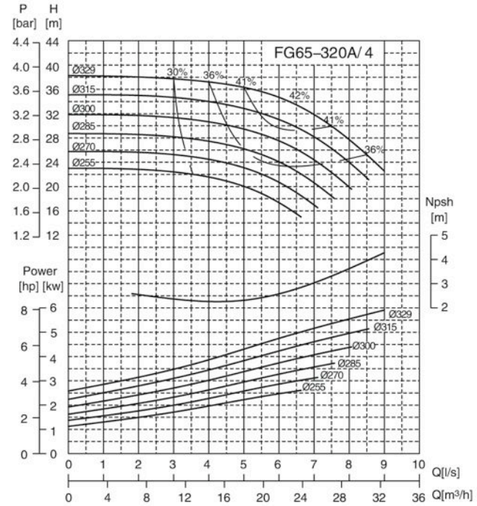



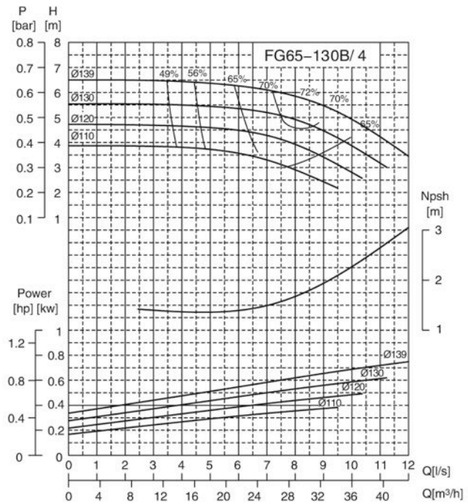


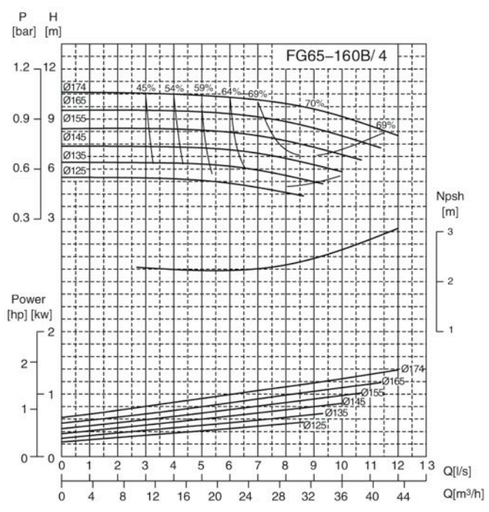

VERTICAL SINGLE-STAGE INLINE PUMP

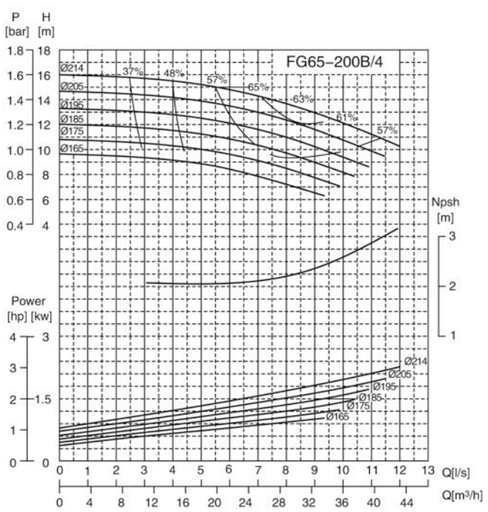
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



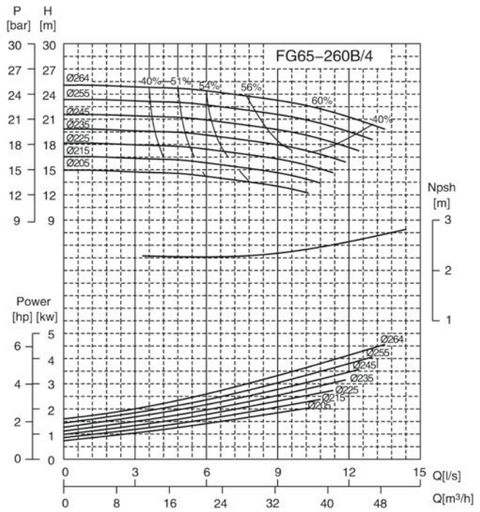



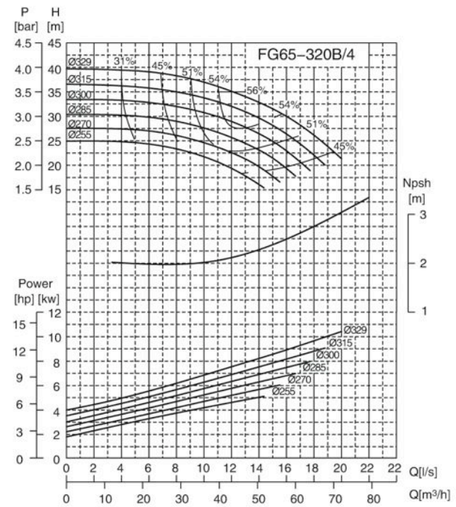



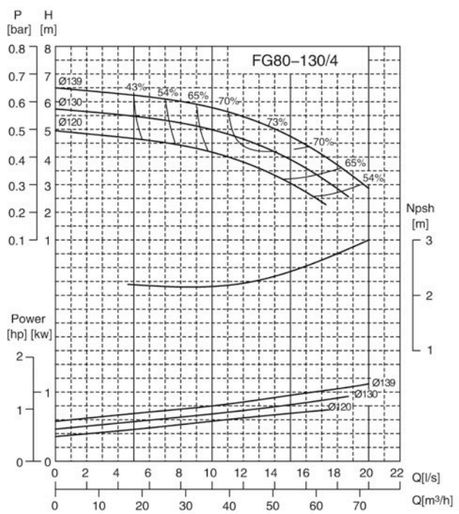
# VERTICAL SINGLE-STAGE INLINE PUMP

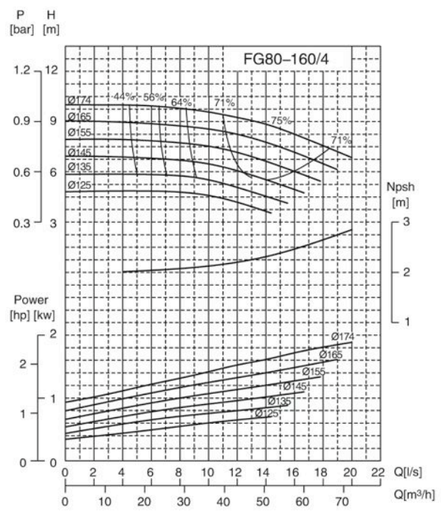
## FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



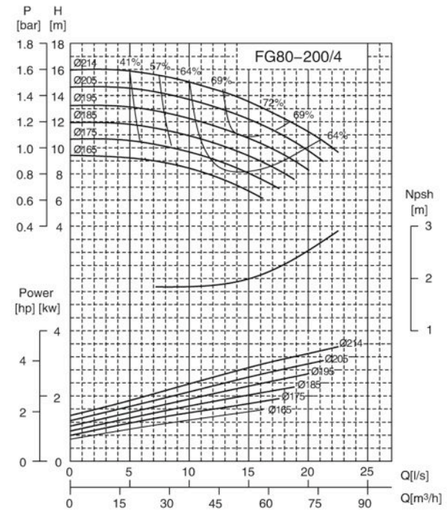



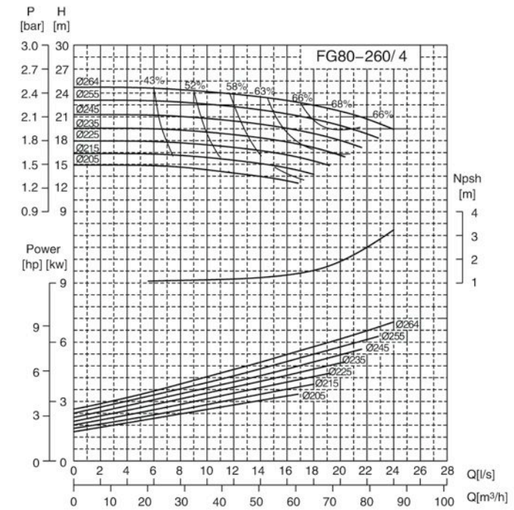


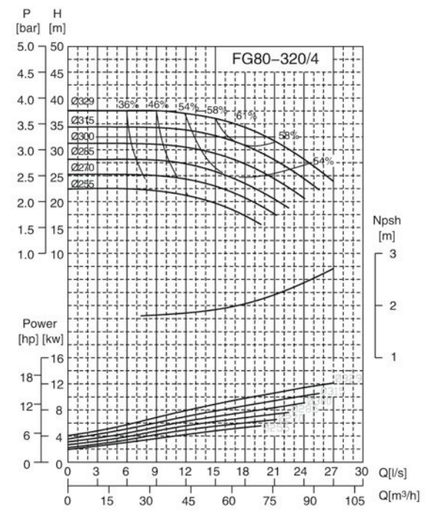

VERTICAL SINGLE-STAGE INLINE PUMP

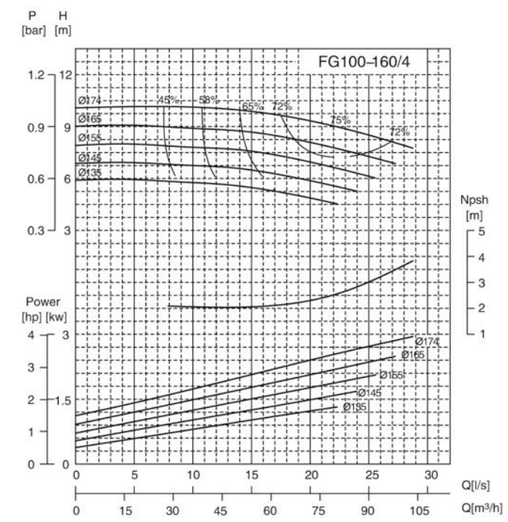
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



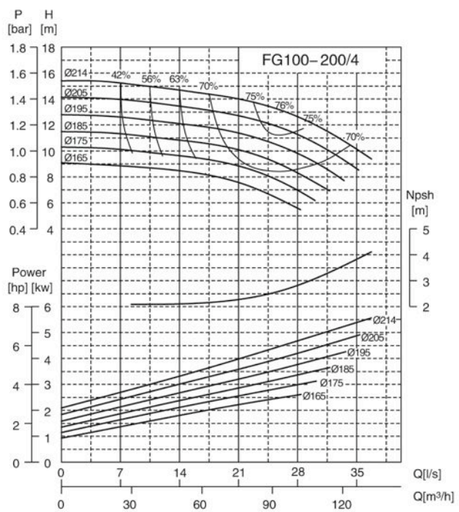



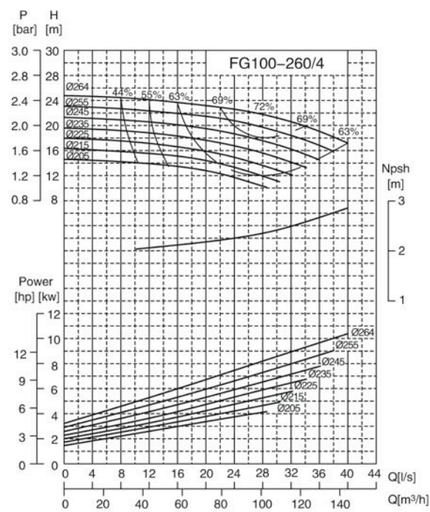



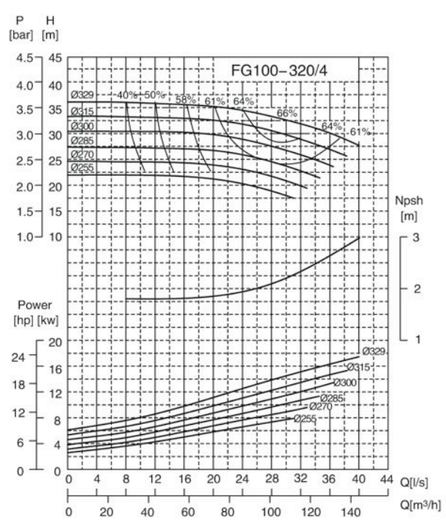
# VERTICAL SINGLE-STAGE INLINE PUMP

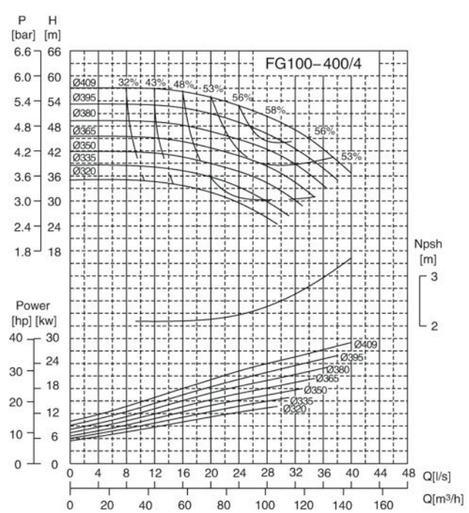
## FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



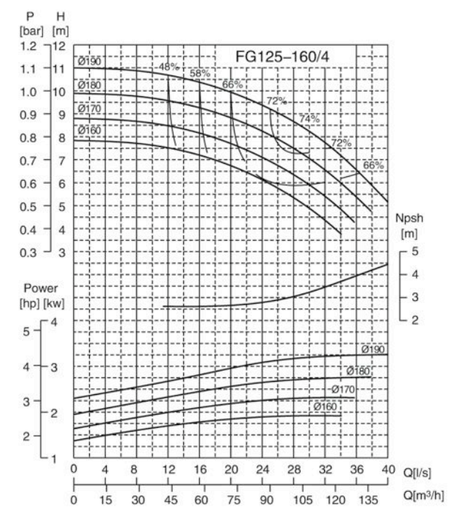



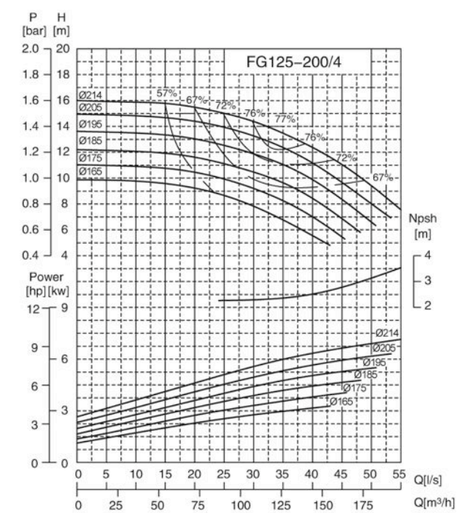


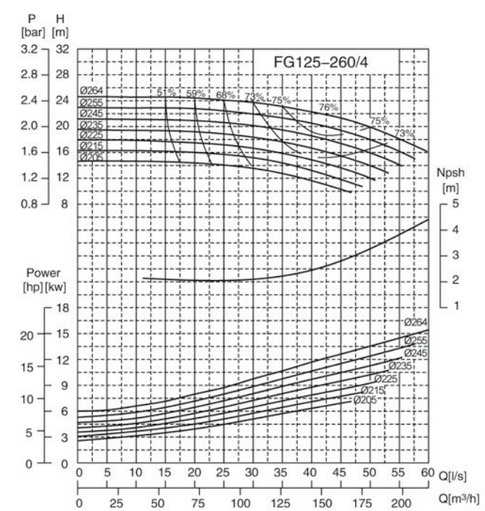

VERTICAL SINGLE-STAGE INLINE PUMP

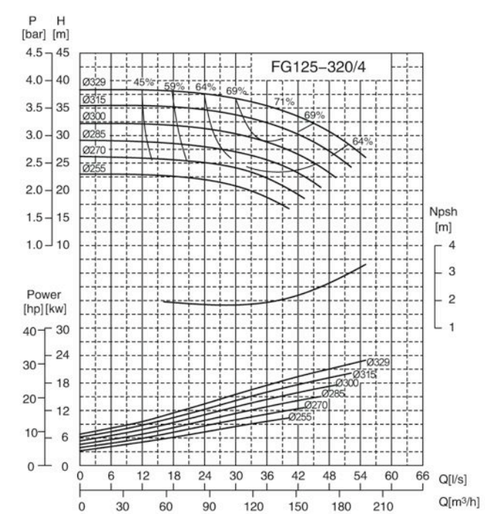
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



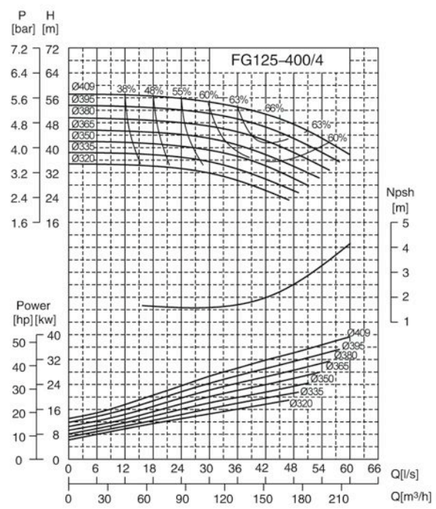



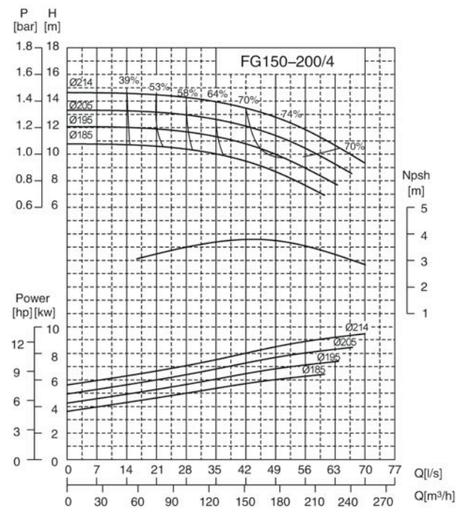



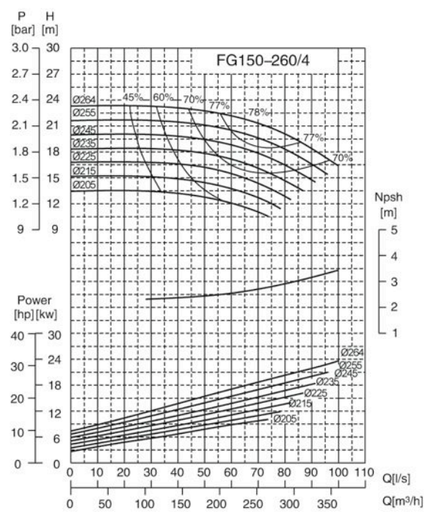
# VERTICAL SINGLE-STAGE INLINE PUMP

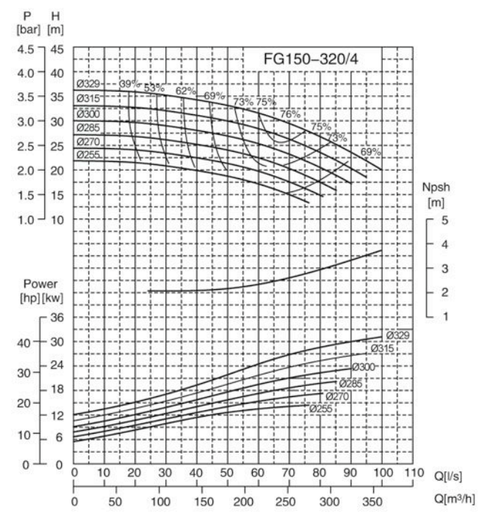
FG SERIES / 立式管道泵 FG系列

## Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



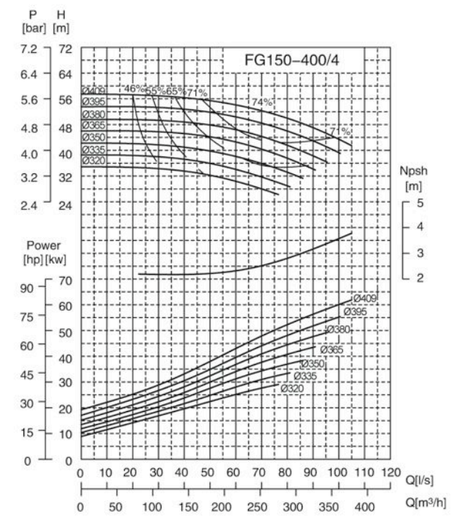



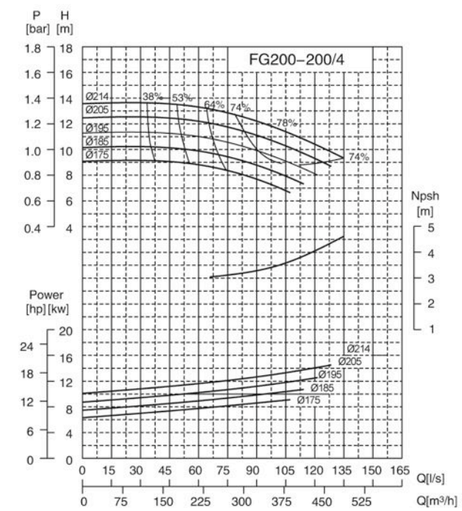


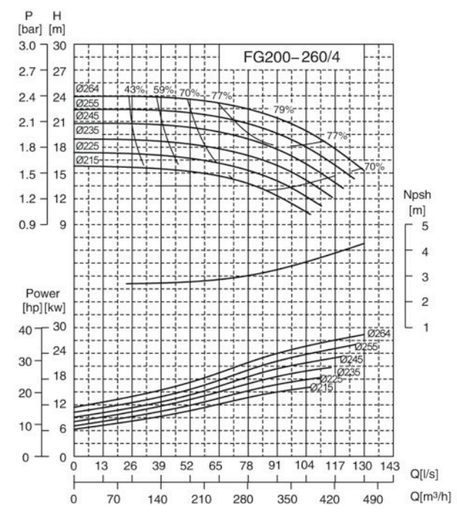

VERTICAL SINGLE-STAGE INLINE PUMP

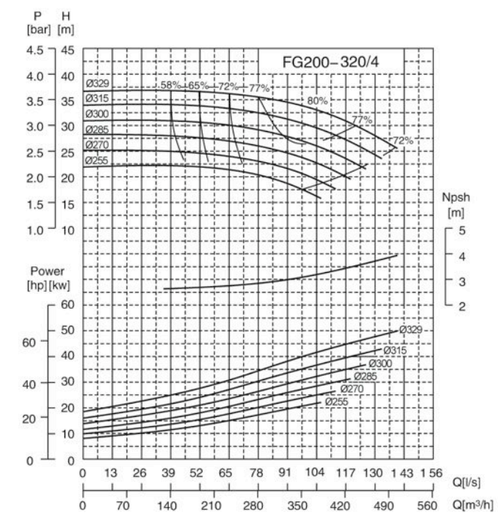
FG SERIES / 立式管道泵 FG系列

Ⅷ、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



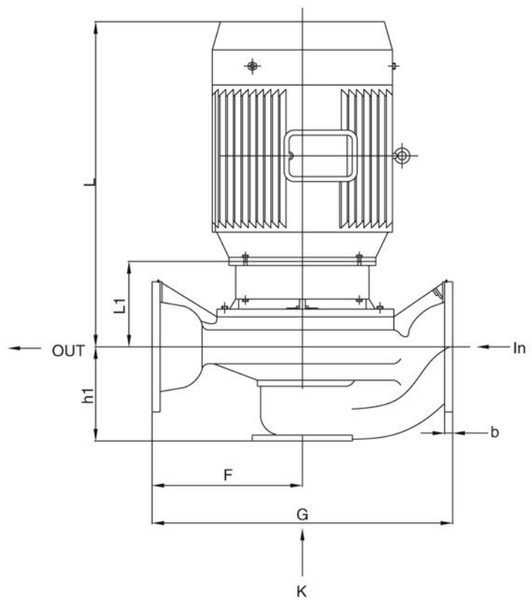



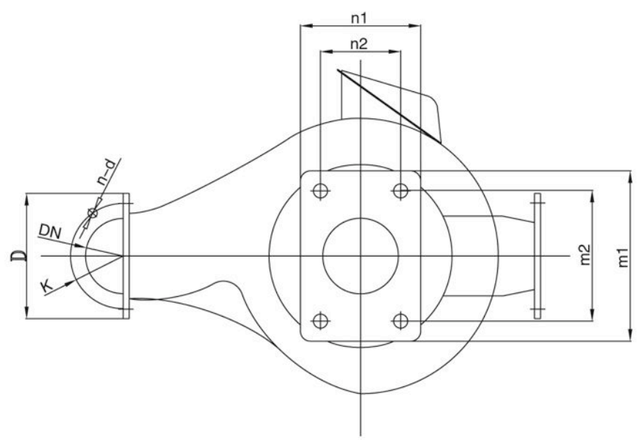



# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

## IX、OVERALL AND INSTALLATION SIZE 外型及安装尺寸







# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列


## X、OVERALL AND INSTALLATION SIZE 外型及安装尺寸

BASIC PARAMETERS 基本参数（2900rpm）

| Model 型号 | Diameter 叶轮直径 | KW 功率 | h1 | L1 | F | G | L | n2xm2 | n1xm1 | s1 | DN | D | K | n-d | b | kg 重量 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG40-130/2 | Φ100 | 1.1 | 113 | 152 | 150 | 310 | 407 | 170x200 | 200x230 | 12 | 40 | 150 | 110 | 4-φ18 | 18 | 60 |
| | Φ110/120 | 1.5 | 113 | 152 | 150 | 310 | 422 | 170x200 | 200x230 | 12 | 40 | 150 | 110 | 4-φ18 | 18 | 61 |
| | Φ130/139 | 2.2 | 113 | 152 | 150 | 310 | 447 | 170x200 | 200x230 | 12 | 40 | 150 | 110 | 4-φ18 | 18 | 64 |
| FG50-160/2 | Φ125 | 2.2 | 118 | 152 | 160 | 320 | 447 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 77 |
| | Φ135/145 | 3 | 118 | 164 | 160 | 320 | 489 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 89 |
| | Φ155 | 4 | 118 | 164 | 160 | 320 | 504 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 99 |
| | Φ165/174 | 5.5 | 118 | 187 | 160 | 320 | 577 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 121 |
| FG50-200/2 | Φ165/175 | 5.5 | 118 | 186 | 210 | 420 | 576 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 128 |
| | Φ185/195 | 7.5 | 118 | 186 | 210 | 420 | 576 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 132 |
| | Φ205/214 | 11 | 118 | 218 | 210 | 420 | 723 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 179 |
| FG50-260/2 | Φ205/215 | 11 | 118 | 228 | 230 | 470 | 733 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 201 |
| | Φ225/235 | 15 | 118 | 228 | 230 | 470 | 733 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 213 |
| | Φ245/255/264 | 18.5 | 118 | 228 | 230 | 470 | 788 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 233 |
| FG65-130A/2 | Φ100 | 1.5 | 128 | 152 | 175 | 360 | 422 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 84 |
| | Φ110 | 2.2 | 128 | 152 | 175 | 360 | 447 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 88 |
| | Φ120 | 3 | 128 | 164 | 175 | 360 | 489 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 97 |
| | Φ130/139 | 4 | 128 | 164 | 175 | 360 | 504 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 107 |
| FG65-160A/2 | Φ125/135 | 3 | 138 | 164 | 175 | 370 | 489 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 97 |
| | Φ145 | 4 | 138 | 164 | 175 | 370 | 504 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 115 |
| | Φ155/165 | 5.5 | 138 | 187 | 175 | 370 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 129 |
| | Φ174 | 7.5 | 138 | 187 | 175 | 370 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 133 |
| FG65-200A/2 | Φ165 | 5.5 | 138 | 186 | 240 | 480 | 576 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 137 |
| | Φ175/185 | 7.5 | 138 | 186 | 240 | 480 | 576 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 141 |
| | Φ195/205/214 | 11 | 138 | 218 | 240 | 480 | 723 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 188 |
| FG65-260A/2 | Φ205 | 11 | 138 | 228 | 260 | 520 | 733 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 231 |
| | Φ215/225 | 15 | 138 | 228 | 260 | 520 | 733 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 243 |
| | Φ235/245 | 18.5 | 138 | 228 | 260 | 520 | 788 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 263 |
| | Φ255/264 | 22 | 138 | 228 | 260 | 520 | 818 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 288 |
| FG65-320A/2 | Φ255 | 22 | 138 | 231 | 290 | 580 | 861 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 320 |
| | Φ270/285 | 30 | 138 | 237 | 290 | 580 | 897 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 372 |
| | Φ300 | 37 | 138 | 237 | 290 | 580 | 897 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 400 |
| | Φ315/329 | 45 | 138 | 237 | 290 | 580 | 942 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 465 |
| FG65-130B/2 | Φ110 | 4 | 155 | 164 | 200 | 410 | 504 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 107 |
| | Φ120/130 | 5.5 | 155 | 187 | 200 | 410 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 129 |
| | Φ139 | 7.5 | 155 | 187 | 200 | 410 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 133 |
| FG65-160B/2 | Φ125 | 5.5 | 138 | 187 | 220 | 440 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 129 |
| | Φ135/145 | 7.5 | 138 | 187 | 220 | 440 | 577 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 133 |
| | Φ155/165 | 11 | 138 | 220 | 220 | 440 | 725 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 180 |
| | Φ174 | 15 | 138 | 220 | 220 | 440 | 725 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 192 |
| FG65-200B/2 | Φ165/175 | 11 | 138 | 221 | 240 | 480 | 726 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 194 |
| | Φ185/195 | 15 | 138 | 221 | 240 | 480 | 726 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 206 |
| | Φ205/214 | 18.5 | 138 | 221 | 240 | 480 | 781 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 226 |
| FG65-320B/2 | Φ255 | 37 | 155 | 237 | 290 | 580 | 897 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 400 |
| | Φ270 | 45 | 155 | 237 | 290 | 580 | 942 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 465 |
| | Φ285/300/315 | 55 | 155 | 273 | 290 | 580 | 1043 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 534 |
| | Φ329 | 75 | 155 | 273 | 290 | 580 | 1118 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 665 |

# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

## X、OVERALL AND INSTALLATION SIZE 外型及安装尺寸

BASIC PARAMETERS 基本参数（2900rpm）

| Model 型号 | Diameter 叶轮直径 | KW 功率 | h1 | L1 | F | G | L | n2xm2 | n1xm1 | s1 | DN | D | K | n-d | b | kg 重量 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG80-130/2 | Φ120/130 | 7.5 | 160 | 187 | 220 | 460 | 577 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 129 |
| | Φ139 | 11 | 160 | 220 | 220 | 460 | 725 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 176 |
| FG80-160/2 | Φ125/135 | 7.5 | 158 | 187 | 220 | 480 | 577 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 144 |
| | Φ145/155 | 11 | 158 | 220 | 220 | 480 | 725 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 191 |
| | Φ165/174 | 15 | 158 | 220 | 220 | 480 | 725 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 203 |
| FG80-200/2 | Φ165/175 | 15 | 150 | 218 | 260 | 540 | 723 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 25 | 237 |
| | Φ185 | 18.5 | 150 | 218 | 260 | 540 | 778 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 25 | 257 |
| | Φ195 | 22 | 150 | 218 | 260 | 540 | 808 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 25 | 282 |
| | Φ205/214 | 30 | 150 | 221 | 260 | 540 | 881 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 25 | 334 |
| FG80-260/2 | Φ205/215 | 30 | 168 | 237 | 290 | 590 | 897 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 22 | 350 |
| | Φ225 | 37 | 168 | 237 | 290 | 590 | 897 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 22 | 378 |
| | Φ235/245 | 45 | 168 | 237 | 290 | 590 | 942 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 22 | 443 |
| | Φ255 | 55 | 168 | 271 | 290 | 590 | 1041 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8-φ18 | 22 | 512 |
| FG80-320/2 | Φ255 | 45 | 175 | 252 | 310 | 640 | 957 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8-φ18 | 22 | 475 |
| | Φ270 | 55 | 175 | 272 | 310 | 640 | 1042 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8-φ18 | 22 | 544 |
| | Φ285/300 | 75 | 175 | 272 | 310 | 640 | 1117 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8-φ18 | 22 | 675 |
| | Φ315/329 | 90 | 175 | 272 | 310 | 640 | 1167 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8-φ18 | 22 | 732 |
| FG100-160/2 | Φ135/145 | 15 | 188 | 220 | 260 | 540 | 725 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8-φ18 | 24 | 247 |
| | Φ155 | 18.5 | 188 | 220 | 260 | 540 | 780 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8-φ18 | 24 | 267 |
| | Φ165 | 22 | 188 | 220 | 260 | 540 | 810 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8-φ18 | 24 | 292 |
| | Φ174 | 30 | 188 | 222 | 260 | 540 | 839 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8-φ18 | 24 | 344 |
| FG100-200/2 | Φ165 | 22 | 188 | 234 | 290 | 600 | 824 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 301 |
| | Φ175/185 | 30 | 188 | 237 | 290 | 600 | 897 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 353 |
| | Φ195 | 37 | 188 | 237 | 290 | 600 | 897 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 381 |
| | Φ205/214 | 45 | 188 | 237 | 290 | 600 | 942 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 446 |
| FG100-260/2 | Φ205 | 37 | 188 | 237 | 310 | 630 | 897 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 408 |
| | Φ215/225 | 45 | 188 | 237 | 310 | 630 | 942 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 468 |
| | Φ235 | 55 | 188 | 271 | 310 | 630 | 1041 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 537 |
| | Φ245/255/264 | 75 | 188 | 271 | 310 | 630 | 1116 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8-φ18 | 24 | 668 |
| FG100-320N/2 | Φ255/270 | 75 | 186 | 272 | 340 | 700 | 1117 | 200x250 | 250x300 | 18 | 100 | 220 | 180 | 8-φ18 | 24 | 689 |
| | Φ285 | 90 | 186 | 272 | 340 | 700 | 1167 | 200x250 | 250x300 | 18 | 100 | 220 | 180 | 8-φ18 | 24 | 746 |
| FG125-160/2 | Φ160 | 18.5 | 220 | 234 | 330 | 690 | 794 | 260x260 | 300x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 276 |
| | Φ170 | 22 | 220 | 234 | 330 | 690 | 824 | 260x260 | 300x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 301 |
| | Φ180/190 | 30 | 220 | 237 | 330 | 690 | 897 | 260x260 | 300x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 353 |
| FG125-200/2 | Φ165/175 | 30 | 220 | 237 | 330 | 680 | 897 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 380 |
| | Φ185 | 37 | 220 | 237 | 330 | 680 | 897 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 408 |
| | Φ195 | 45 | 220 | 237 | 330 | 680 | 942 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 473 |
| | Φ205 | 55 | 220 | 271 | 330 | 680 | 1041 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 542 |
| | Φ214 | 75 | 220 | 271 | 330 | 680 | 1116 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 673 |
| FG125-260/2 | Φ205/215 | 75 | 220 | 275 | 340 | 700 | 1120 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 690 |
| | Φ225/235 | 90 | 220 | 275 | 340 | 700 | 1170 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8-φ18 | 26 | 747 |
| FG150-200/2 | Φ185 | 55 | 260 | 271 | 360 | 740 | 1041 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8-φ22 | 26 | 562 |
| | Φ195/205 | 75 | 260 | 271 | 360 | 740 | 1116 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8-φ22 | 26 | 693 |
| | Φ214 | 90 | 260 | 271 | 360 | 740 | 1166 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8-φ22 | 26 | 750 |



# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

## X、OVERALL AND INSTALLATION SIZE 外型及安装尺寸

BASIC PARAMETERS 基本参数（1450rpm）

| Model 型号 | Diameter 叶轮直径 | KW 功率 | h1 | L1 | F | G | L | n2xm2 | n1xm1 | s1 | DN | D | K | n-d | b | kg 重量 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG40-130/4 | Φ100-139 | 0.55 | 113 | 152 | 150 | 310 | 407 | 170x200 | 200x230 | 12 | 40 | 150 | 110 | 4-φ18 | 18 | 55 |
| FG50-160/4 | Φ125-155 | 0.55 | 118 | 152 | 160 | 320 | 407 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 63 |
| | Φ165174 | 0.75 | 118 | 152 | 160 | 320 | 407 | 170x200 | 200x230 | 12 | 50 | 165 | 125 | 4-φ18 | 20 | 64 |
| FG50-200/4 | Φ165 | 0.55 | 118 | 151 | 210 | 420 | 406 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 71 |
| | Φ175/185 | 0.75 | 118 | 151 | 210 | 420 | 406 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 72 |
| | Φ195/205 | 1.1 | 118 | 151 | 210 | 420 | 421 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 77 |
| | Φ214 | 1.5 | 118 | 151 | 210 | 420 | 446 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 81 |
| FG50-260/4 | Φ205-245 | 2.2 | 118 | 173 | 230 | 470 | 498 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 106 |
| | Φ255/264 | 3 | 118 | 173 | 230 | 470 | 498 | 170x200 | 200x230 | 14 | 50 | 165 | 125 | 4-φ18 | 20 | 109 |
| FG65-130A/4 | Φ100-139 | 0.55 | 128 | 152 | 175 | 360 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 64 |
| FG65-160A/4 | Φ125-155 | 0.55 | 138 | 152 | 175 | 370 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 72 |
| | Φ165 | 0.75 | 138 | 152 | 175 | 370 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 73 |
| | Φ174 | 1.1 | 138 | 152 | 175 | 370 | 422 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 78 |
| FG65-200A/4 | Φ165/175 | 0.75 | 138 | 151 | 240 | 480 | 406 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 83 |
| | Φ185/195 | 1.1 | 138 | 151 | 240 | 480 | 421 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 88 |
| | Φ205/214 | 1.5 | 138 | 151 | 240 | 480 | 446 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 92 |
| FG65-260A/4 | Φ205-235 | 2.2 | 138 | 173 | 260 | 520 | 498 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 124 |
| | Φ245-264 | 3 | 138 | 173 | 260 | 520 | 498 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 127 |
| FG65-320A/4 | Φ255 | 3 | 138 | 179 | 290 | 580 | 504 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 156 |
| | Φ270/285 | 4 | 138 | 179 | 290 | 580 | 519 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 167 |
| | Φ300/315 | 5.5 | 138 | 201 | 290 | 580 | 591 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 185 |
| | Φ329 | 7.5 | 138 | 201 | 290 | 580 | 631 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 198 |
| FG65-130B/4 | Φ110/120 | 0.55 | 155 | 152 | 200 | 410 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 64 |
| | Φ130 | 0.75 | 155 | 152 | 200 | 410 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 65 |
| | Φ139 | 1.1 | 155 | 152 | 200 | 410 | 422 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 70 |
| FG65-160B/4 | Φ125 | 0.55 | 138 | 152 | 220 | 440 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 72 |
| | Φ135 | 0.75 | 138 | 152 | 220 | 440 | 407 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 73 |
| | Φ145/155 | 1.1 | 138 | 152 | 220 | 440 | 422 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 78 |
| | Φ165/175 | 1.5 | 138 | 152 | 220 | 440 | 447 | 170x200 | 200x230 | 12 | 65 | 185 | 145 | 4-φ18 | 20 | 82 |
| FG65-200B/4 | Φ165/175 | 1.5 | 138 | 154 | 240 | 480 | 449 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 88 |
| | Φ185-205 | 2.2 | 138 | 166 | 240 | 480 | 491 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 100 |
| | Φ214 | 3 | 138 | 166 | 240 | 480 | 491 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 103 |
| FG65-260B/4 | Φ205 | 2.2 | 138 | 174 | 260 | 520 | 497 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 124 |
| | Φ215/225 | 3 | 138 | 174 | 260 | 520 | 497 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 127 |
| | Φ235/245 | 4 | 138 | 174 | 260 | 520 | 512 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 138 |
| | Φ255/264 | 5.5 | 138 | 197 | 260 | 520 | 587 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 156 |
| FG65-320B/4 | Φ255 | 5.5 | 155 | 201 | 290 | 580 | 591 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 185 |
| | Φ270/285 | 7.5 | 155 | 201 | 290 | 580 | 631 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 198 |
| | Φ300-329 | 11 | 155 | 231 | 290 | 580 | 736 | 170x200 | 200x230 | 14 | 65 | 185 | 145 | 4-φ18 | 20 | 242 |
| FG80-130/4 | Φ120 | 0.75 | 160 | 152 | 220 | 460 | 407 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 75 |
| | Φ130/139 | 1.1 | 160 | 152 | 220 | 460 | 422 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8-φ18 | 25 | 76 |

# VERTICAL SINGLE-STAGE INLINE PUMP

## FG SERIES / 立式管道泵 FG系列

## X、OVERALL AND INSTALLATION SIZE 外型及安装尺寸

BASIC PARAMETERS 基本参数（1450rpm）

| Model 型号 | Diameter 叶轮直径 | KW 功率 | h1 | L1 | F | G | L | n2xm2 | n1xm1 | s1 | DN | D | K | n–d | b | kg 重量 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG80–160/4 | Φ125 | 0.75 | 158 | 152 | 220 | 480 | 407 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8–ϕ18 | 25 | 76 |
| | Φ135 | 1.1 | 158 | 152 | 220 | 480 | 422 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8–ϕ18 | 25 | 81 |
| | Φ145/155 | 1.5 | 158 | 152 | 220 | 480 | 447 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8–ϕ18 | 25 | 85 |
| | Φ165/174 | 2.2 | 158 | 164 | 220 | 480 | 489 | 170x200 | 200x230 | 12 | 80 | 200 | 160 | 8–ϕ18 | 25 | 93 |
| FG80–200/4 | Φ165–185 | 2.2 | 150 | 163 | 260 | 540 | 488 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 25 | 118 |
| | Φ195/205 | 3 | 150 | 163 | 260 | 540 | 488 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 25 | 121 |
| | Φ214 | 4 | 150 | 163 | 260 | 540 | 503 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 25 | 132 |
| FG80–260/4 | Φ205/215 | 4 | 168 | 179 | 290 | 590 | 519 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 22 | 148 |
| | Φ225/235 | 5.5 | 168 | 202 | 290 | 590 | 592 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 22 | 166 |
| | Φ245–264 | 7.5 | 168 | 202 | 290 | 590 | 632 | 170x200 | 200x230 | 14 | 80 | 200 | 160 | 8–ϕ18 | 22 | 179 |
| FG80–320/4 | Φ255/270 | 7.5 | 175 | 201 | 310 | 640 | 631 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8–ϕ18 | 22 | 214 |
| | Φ285–315 | 11 | 175 | 235 | 310 | 640 | 740 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8–ϕ18 | 22 | 258 |
| | Φ329 | 15 | 175 | 235 | 310 | 640 | 795 | 200x250 | 250x300 | 18 | 80 | 200 | 160 | 8–ϕ18 | 22 | 281 |
| FG100–160/4 | Φ135 | 1.5 | 188 | 152 | 260 | 540 | 447 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8–ϕ18 | 24 | 132 |
| | Φ145/155 | 2.2 | 188 | 164 | 260 | 540 | 489 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8–ϕ18 | 24 | 138 |
| | Φ165/174 | 3 | 188 | 164 | 260 | 540 | 489 | 170x200 | 200x230 | 12 | 100 | 220 | 180 | 8–ϕ18 | 24 | 141 |
| FG100–200/4 | Φ165 | 3 | 188 | 179 | 290 | 600 | 504 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 141 |
| | Φ175/185 | 4 | 188 | 179 | 290 | 600 | 519 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 152 |
| | Φ195/205 | 5.5 | 188 | 202 | 290 | 600 | 592 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 170 |
| | Φ214 | 7.5 | 188 | 202 | 290 | 600 | 632 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 183 |
| FG100–260/4 | Φ205 | 5.5 | 188 | 202 | 310 | 630 | 592 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 198 |
| | Φ215–235 | 7.5 | 188 | 202 | 310 | 630 | 632 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 211 |
| | Φ245–264 | 11 | 188 | 234 | 310 | 630 | 739 | 170x200 | 200x230 | 14 | 100 | 220 | 180 | 8–ϕ18 | 24 | 255 |
| FG100–320/4 | Φ255/270 | 11 | 186 | 235 | 340 | 700 | 740 | 200x250 | 250x300 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 293 |
| | Φ285/300 | 15 | 186 | 235 | 340 | 700 | 795 | 200x250 | 250x300 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 316 |
| | Φ315/329 | 18.5 | 186 | 235 | 340 | 700 | 825 | 200x250 | 250x300 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 338 |
| FG100–400/4 | Φ320 | 15 | 220 | 249 | 400 | 800 | 809 | 310x310 | 370x370 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 364 |
| | Φ335 | 18.5 | 220 | 249 | 400 | 800 | 839 | 310x310 | 370x370 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 387 |
| | Φ350/365 | 22 | 220 | 249 | 400 | 800 | 879 | 310x310 | 370x370 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 402 |
| | Φ380–409 | 30 | 220 | 249 | 400 | 800 | 909 | 310x310 | 370x370 | 18 | 100 | 220 | 180 | 8–ϕ18 | 24 | 459 |
| FG125–160/4 | Φ160/170 | 3 | 220 | 179 | 330 | 690 | 504 | 260x260 | 300x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 164 |
| | Φ180/190 | 4 | 220 | 179 | 330 | 690 | 519 | 260x260 | 300x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 175 |
| FG125–200/4 | Φ165 | 4 | 220 | 179 | 330 | 680 | 519 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 179 |
| | Φ175/185 | 5.5 | 220 | 202 | 330 | 680 | 592 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 197 |
| | Φ195/205 | 7.5 | 220 | 202 | 330 | 680 | 632 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 210 |
| | Φ214 | 11 | 220 | 234 | 330 | 680 | 739 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 254 |
| FG125–260/4 | Φ205–225 | 11 | 220 | 238 | 340 | 700 | 743 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 294 |
| | Φ235–255 | 15 | 220 | 238 | 340 | 700 | 798 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 317 |
| | Φ264 | 18.5 | 220 | 238 | 340 | 700 | 828 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 339 |



VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

X、OVERALL AND INSTALLATION SIZE 外型及安装尺寸

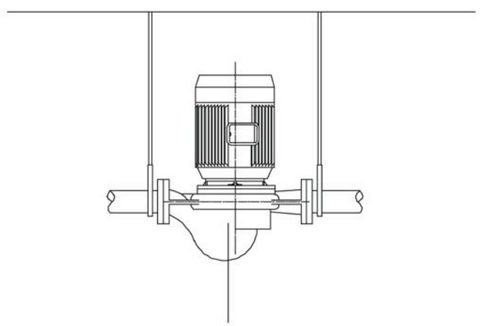
BASIC PARAMETERS 基本参数（1450rpm）

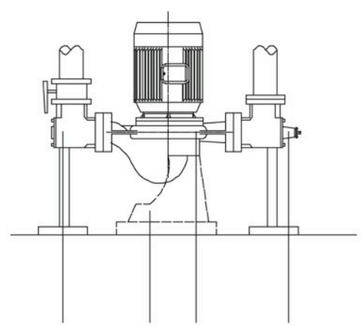
| Model 型号 | Diameter 叶轮直径 | KW 功率 | h1 | L1 | F | G | L | n2xm2 | n1xm1 | s1 | DN | D | K | n–d | b | kg 重量 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG125–320/4 | Φ255/270 | 15 | 240 | 235 | 360 | 740 | 795 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 368 |
| | Φ285/300 | 18.5 | 240 | 235 | 360 | 740 | 825 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 390 |
| | Φ315 | 22 | 240 | 235 | 360 | 740 | 865 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 405 |
| | Φ329 | 30 | 240 | 237 | 360 | 740 | 897 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 462 |
| FG125–400/4 | Φ320/335 | 22 | 240 | 249 | 380 | 810 | 879 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 420 |
| | Φ350/365 | 30 | 240 | 249 | 380 | 810 | 909 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 477 |
| | Φ380/395 | 37 | 240 | 284 | 380 | 810 | 964 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 536 |
| | Φ409 | 45 | 240 | 284 | 380 | 810 | 989 | 200x250 | 250x300 | 18 | 125 | 250 | 210 | 8–ϕ18 | 26 | 566 |
| FG150–200/4 | Φ185 | 7.5 | 260 | 202 | 360 | 740 | 632 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 253 |
| | Φ195–214 | 11 | 260 | 234 | 360 | 740 | 739 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 297 |
| FG150–260/4 | Φ205/215 | 15 | 260 | 238 | 360 | 760 | 798 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 362 |
| | Φ225/235 | 18.5 | 260 | 238 | 360 | 760 | 822 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 384 |
| | Φ245/255 | 22 | 260 | 238 | 360 | 760 | 862 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 399 |
| | Φ264 | 30 | 260 | 241 | 360 | 760 | 892 | 200x250 | 250x300 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 456 |
| FG150–320/4 | Φ255 | 15 | 260 | 249 | 400 | 895 | 809 | 340x340 | 420x420 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 413 |
| | Φ270 | 18.5 | 260 | 249 | 400 | 895 | 839 | 340x340 | 420x420 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 435 |
| | Φ285 | 22 | 260 | 249 | 400 | 895 | 879 | 340x340 | 420x420 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 450 |
| | Φ300/315 | 30 | 260 | 249 | 400 | 895 | 909 | 340x340 | 420x420 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 507 |
| | Φ329 | 37 | 260 | 284 | 400 | 895 | 964 | 340x340 | 420x420 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 566 |
| FG150–400/4 | Φ320 | 30 | 250 | 249 | 400 | 850 | 909 | 250x300 | 300X350 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 546 |
| | Φ335/350 | 37 | 250 | 284 | 400 | 850 | 964 | 250x300 | 300X350 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 605 |
| | Φ365 | 45 | 250 | 284 | 400 | 850 | 989 | 250x300 | 300X350 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 635 |
| | Φ380/395 | 55 | 250 | 284 | 400 | 850 | 1054 | 250x300 | 300X350 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 705 |
| | Φ409 | 75 | 250 | 284 | 400 | 850 | 1129 | 250x300 | 300X350 | 18 | 150 | 285 | 240 | 8–ϕ22 | 26 | 851 |
| FG200–200/4 | Φ175/185 | 11 | 280 | 261 | 400 | 840 | 766 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 28 | 291 |
| | Φ195/205 | 15 | 280 | 261 | 400 | 840 | 821 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 28 | 314 |
| | Φ214 | 18.5 | 280 | 261 | 400 | 840 | 851 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 28 | 336 |
| FG200–260/4 | Φ215/225 | 18.5 | 280 | 248 | 380 | 830 | 838 | 250x300 | 300x350 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 474 |
| | Φ235 | 22 | 280 | 248 | 380 | 830 | 878 | 250x300 | 300x350 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 489 |
| | Φ245–264 | 30 | 280 | 248 | 380 | 830 | 908 | 250x300 | 300x350 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 546 |
| FG200–320/4 | Φ255/270 | 30 | 300 | 250 | 430 | 920 | 910 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 622 |
| | Φ285 | 37 | 300 | 285 | 430 | 920 | 965 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 681 |
| | Φ300/315 | 45 | 300 | 285 | 430 | 920 | 990 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 711 |
| | Φ329 | 55 | 300 | 285 | 430 | 920 | 1055 | 340x340 | 420x420 | 18 | 200 | 340 | 295 | 12–ϕ22 | 30 | 781 |

# VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

## XI、INSTALLATION ADVANTAGES & OPTIONS 安装优点与选择




| | DESCRIPTION | 名称 |
|---|---|---|
| A | Pipeline hanging installation | 管道悬挂安装 |
| B | Ground installation | 地面安装 |
| C | Inlet pipe | 进水管 |
| D | Optional carbon steel bracket | 可选的碳钢支架 |
| E | Combination valve | 组合阀 |

| | CHARACTERISTICS | 特点 |
|---|---|---|
| 1 | Save building space | 节约建筑空间 |
| 2 | No flexible option | 无柔性选择 |
| 3 | No irrigation | 无需灌溉 |
| 4 | Shorten pipeline | 缩短管道 |
| 5 | Similar to quick installation of valve | 类似于阀门的快速安装 |
| 6 | No coupling | 无联轴器 |
| 7 | No bearing bracket assembling | 无轴承架组装 |
| 8 | Easy to maintain | 便于维护 |
| 9 | Less spare storage | 较小的备件存货 |
| 10 | Inlet & outlet pipe in same diameter | 相同口径的进出口管 |



VERTICAL SINGLE-STAGE INLINE PUMP

FG SERIES / 立式管道泵 FG系列

## TECHNOLOGY INDEX 技术索引

UNIT CONVERSION TABLES 单位换算表

### Power 功率

| Unit 单位 | Horsepower 马力 | Watt 瓦特 | BTU 英制热量单位 |
|---|---|---|---|
| 1 | 1.0000 | 745.7000 | 42.4300 |
| 2 | 0.0013 | 1.0000 | 0.0569 |
| 3 | 0.0236 | 17.5800 | 1.0000 |

### Flow Conversion 流量转换

| Unit 单位 | U.S. gallon/min 美制加仑/分 | UK gallon/min 英制加仑/分 | acre inch/h 英亩 英寸/时 | L/sec 升/秒 | L/min 升/分 | $m^3/h$ 立方米/时 |
|---|---|---|---|---|---|---|
| 1 | 1.0000 | 0.8330 | 0.0022 | 0.0631 | 3.7850 | 0.2270 |
| 2 | 1.2000 | 1.0000 | 0.0026 | 0.0757 | 4.5460 | 0.2720 |
| 3 | 452.4000 | 376.9000 | 1.0000 | 28.5700 | 1715.2700 | 102.7700 |
| 4 | 15.8500 | 13.2000 | 0.0350 | 1.0000 | 60.0000 | 3.6000 |
| 5 | 0.2642 | 0.2200 | 0.0006 | 0.0167 | 1.0000 | 0.0600 |
| 6 | 4.4000 | 3.6900 | 0.0097 | 0.2778 | 16667.0000 | 1.0000 |

### Volume conversion 体积转换

| Unit 单位 | cubic inch 立方英寸 | gallon 加仑 | cubic foot 立方英尺 | cubic yard 立方码 | acre foot 英亩 英尺 | liter 升 | cubic meter 立方米 |
|---|---|---|---|---|---|---|---|
| 1 | 1.00 | 0.00 | 0.00 | 2.14E–05 | 1.33E–08 | 0.02 | 1.64E–05 |
| 2 | 231.00 | 1.00 | 0.13 | 0.00 | 3.07E–06 | 3.79 | 0.0038 |
| 3 | 1728.00 | 74805.00 | 1.00 | 0.04 | 0.00 | 28.32 | 0.0283 |
| 4 | 46656.00 | 202.00 | 27.00 | 1.00 | 0.00 | 764.60 | 0.7646 |
| 5 | 75270000.0 | 325892.0 | 43592.0 | 1613.0 | 1.0 | 1233000.0 | 1233.0000 |
| 6 | 61.020 | 0.264 | 0.035 | 0.001 | 8.11E–07 | 1.000 | 0.0010 |
| 7 | 61023.000 | 264.200 | 35.310 | 1.308 | 0.001 | 1000.000 | 1.0000 |

### Length Conversion 长度转换

| Unit 单位 | inch 英寸 | foot 英尺 | yard 码 | mile 英里 | mm 毫米 | cm 厘米 | m 米 | km 千米 |
|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 0.1 | 0.0 | 1.58E–05 | 25.4 | 2.5 | 0.0 | 2.54E05 |
| 2 | 12.0 | 1.0 | 0.3 | 0.0 | 304.8 | 30.5 | 0.3 | 0.00031 |
| 3 | 36.0 | 3.0 | 1.0 | 0.0 | 914.4 | 91.4 | 0.9 | 0.00091 |
| 4 | 6336.0 | 5280.0 | 1760.0 | 1.0 | 16093444.0 | 160934.4 | 1609.3 | 1.60940 |
| 5 | 0.0 | 0.0 | 0.0 | 6.21E–07 | 1.0 | 0.1 | 0.0 | 0.00001 |
| 6 | 0.4 | 0.0 | 0.0 | 6121E–06 | 10.0 | 1.0 | 0.0 | 0.00001 |
| 7 | 39.4 | 3.3 | 1.1 | 0.0. | 100.0 | 100.0 | 1.0 | 0.00100 |
| 8 | 39370.0 | 3280.8 | 1093.6 | 0.6 | 1000000.0 | 100000.0 | – | 1.00000 |

### Pressure Conversion 压力转换

| Unit 单位 | – 磅/平方英尺 | foot 英尺 | m 米 | $Kg/cm^3$ 千克/立方厘米 | Kpa 千帕 | bar 巴 |
|---|---|---|---|---|---|---|
| 1 | 1.000 | 2.310 | 0.0703 | 0.070 | 6.895 | 0.069 |
| 2 | 0.434 | 1.000 | 0.305 | 0.031 | 2.984 | 0.030 |
| 3 | 1.422 | 3.281 | 1.000 | 0.100 | 9.804 | 0.098 |
| 4 | 14.220 | 32.810 | 10.000 | 1.000 | 98.040 | 0.980 |
| 5 | 0.145 | 0.335 | 0.102 | 0.010 | 1.000 | 1.010 |
| 6 | 14.500 | 33.520 | 10.200 | 1.020 | 100.000 | 1.000 |

华氏度 Fahrenheit degree 32.0 212.0 F=C9/5+32 摄氏度 Celsius degree 0.0 100.0 C=（F–32）5/9

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