

立式單級管道泵

VERTICAL SINGLE-STAGE INLINE PUMP



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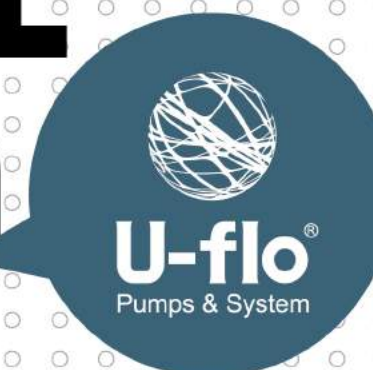
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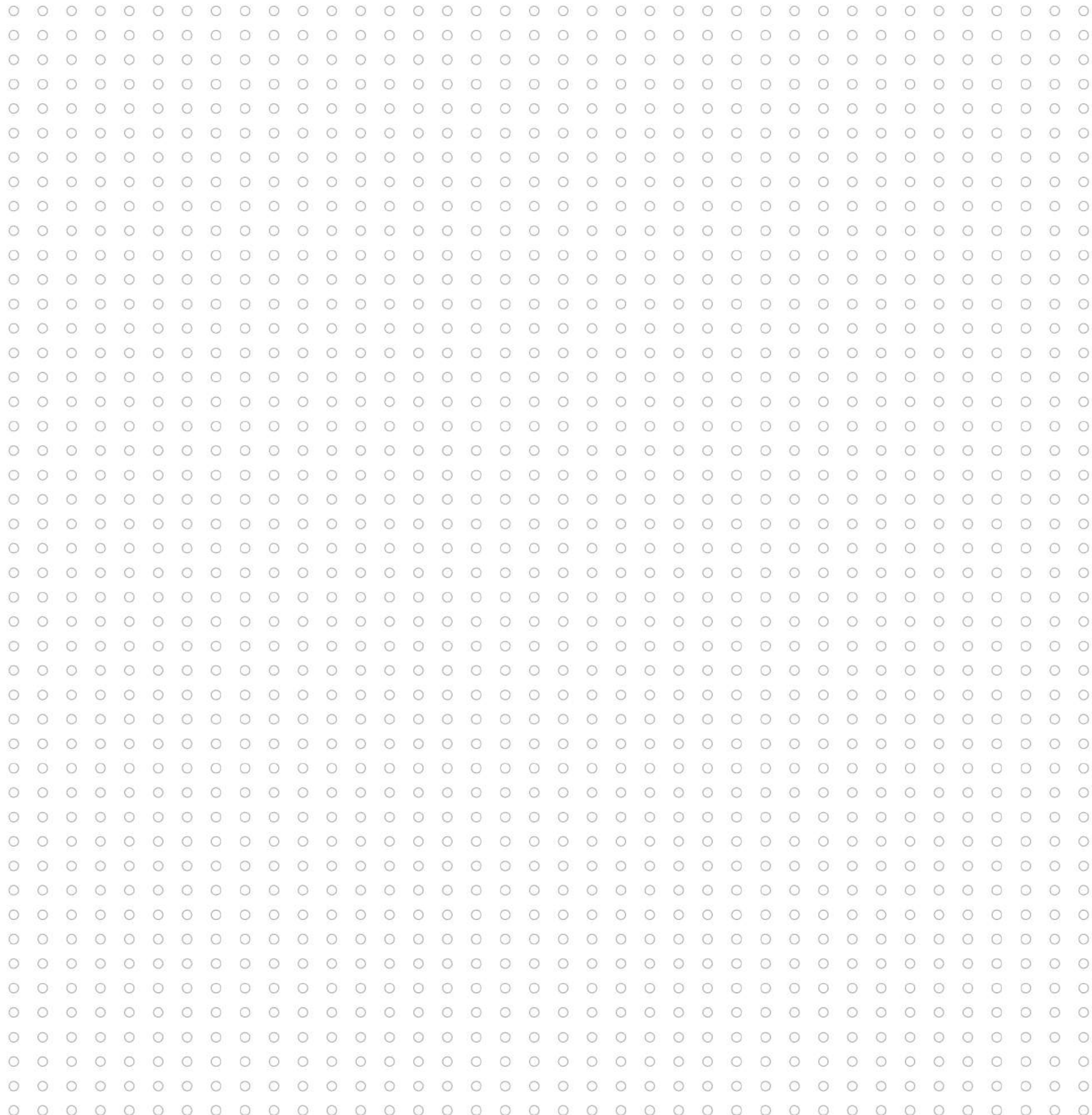
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PFG SERIES  
VERTICAL  
SINGLE-STAGE  
INLINE PUMP



# Contents 目录



## 03/04 **COMPANY PROFILE** 公司介绍

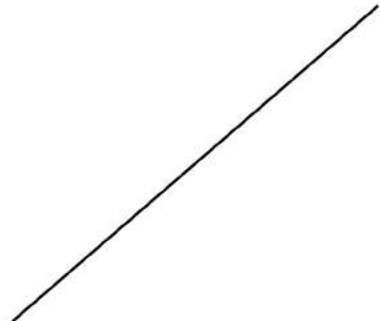
U.S. U-flo  
美国尤孚

## 05/34 **PRODUCTS** 产品介绍

VERTICAL INLINE PUMP PFG SERIES  
立式管道泵 PFG系列  
INSTALLATION SIZE  
安装尺寸

## 35/35 **OTHERS** 其他

TECHNOLOGY INDEX  
技术索引







*Quality In The Water*



**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 manufacturing facilities are located in Italy, 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 600m<sup>3</sup>/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-flo 泵业国际有限公司是一家注册于美国华盛顿州的全球化水泵制造销售公司。我们在意大利、中国台湾和中国大陆均有合作制造工厂。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 600m<sup>3</sup>/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部分，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。





## VERTICAL SINGLE-STAGE INLINE PUMP series PFG

# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列



## 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的历史，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。

## 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

PFG 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)
PFG	INLINE CENTRIFUGAL PUMP CODE	管道离心泵型号

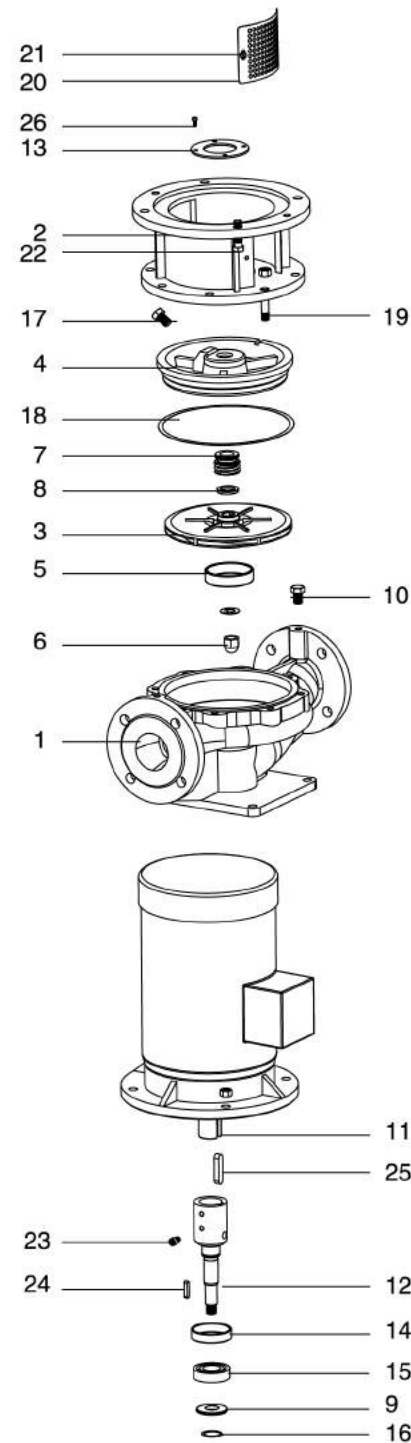
## IV、TECHNICAL SPECIFICATION 技术参数

Max. flow	最大流量	500m <sup>3</sup> /h
Max. head	最高扬程	≤ 140m
Continuous load	连续性负载	
Pumped liquid temperature	泵送液体温度	-10°C至105°C
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

## PFG SERIES / 立式管道泵 PFG系列

### VI、MATERIALS 材质



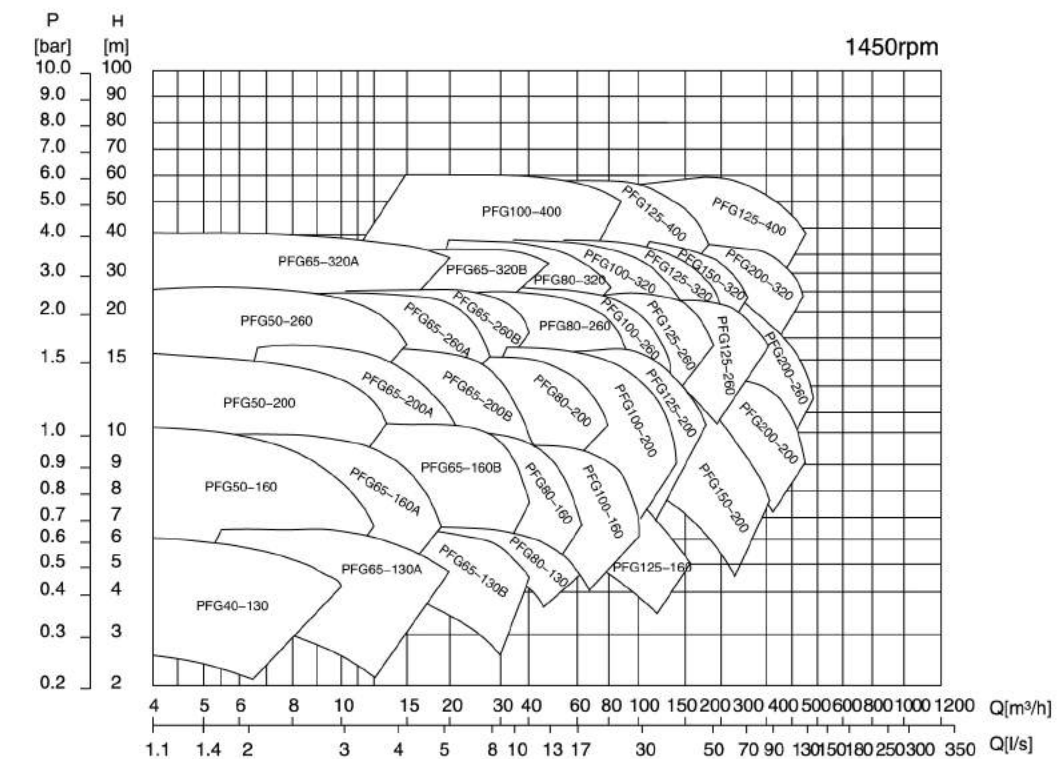
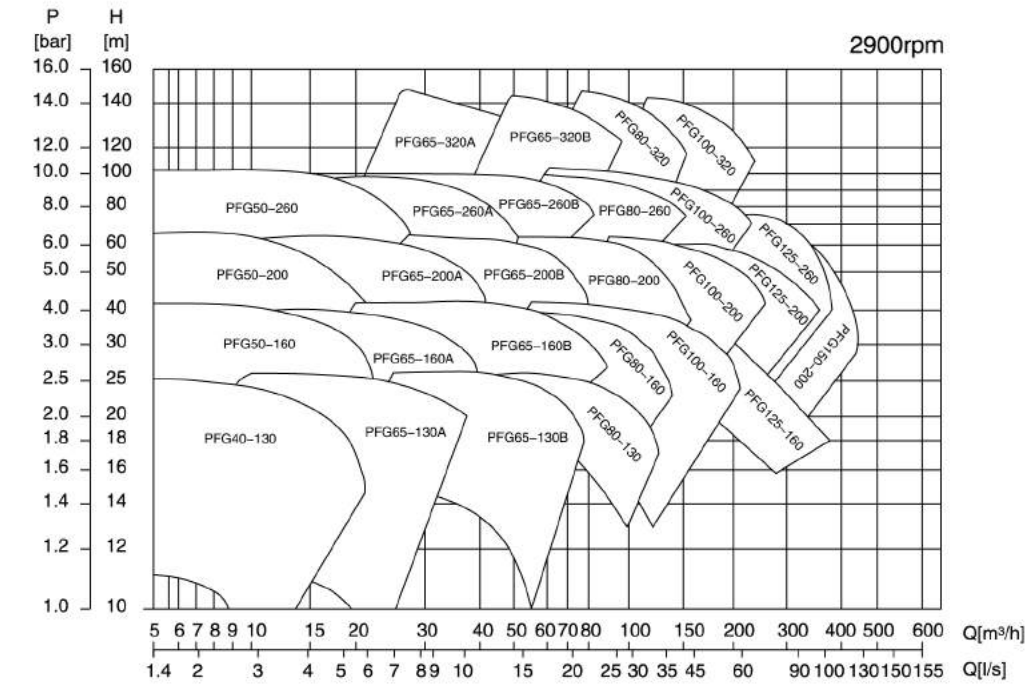
DESCRIPTION	MATERIAL
1 泵体	铸钢/球墨铸铁400/316不锈钢
2 联接座	铸钢/球墨铸铁200
3 叶轮	铝青铜/铝青铜/不锈钢304/316
4 泵盖	铸钢/304不锈钢/316不锈钢
5 密封环	铸钢/304不锈钢/316不锈钢
6 叶轮螺母	铝青铜/不锈钢304/316
7 机械密封	博格曼
8 密封座	304不锈钢/316不锈钢/420不锈钢
9 挡水环	丁腈橡胶
10 丝堵	Q235D/304不锈钢/316不锈钢
11 电机	-
12 轴	304不锈钢/316不锈钢/420不锈钢
13 轴承盖	Q235D
14 弹性垫	硅橡胶
15 轴承	NTN/NSK
16 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

## PFG SERIES / 立式管道泵 PFG系列

### VII、PERFORMANCE CURVE DIAGRAM 型谱图



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

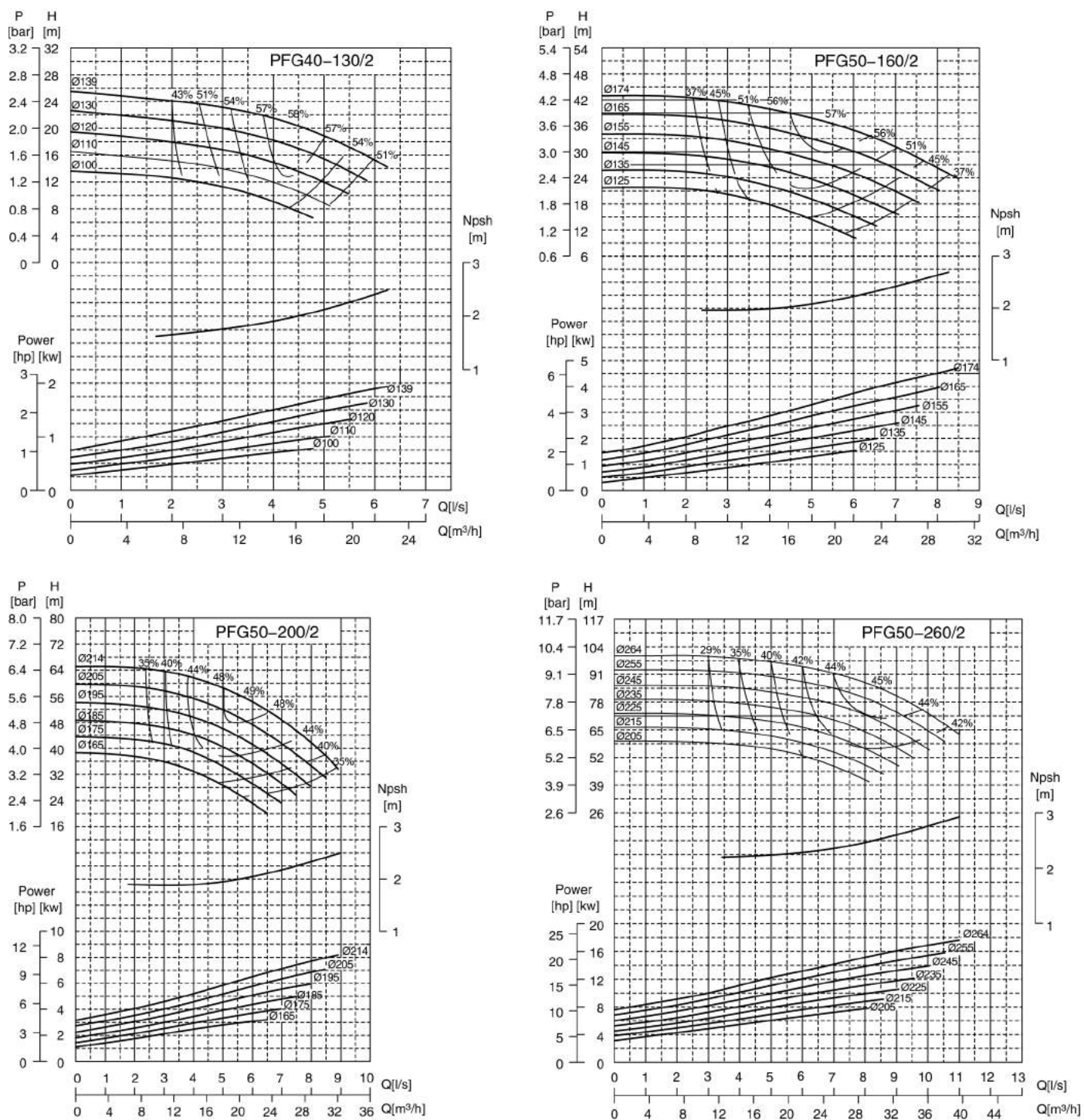
OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

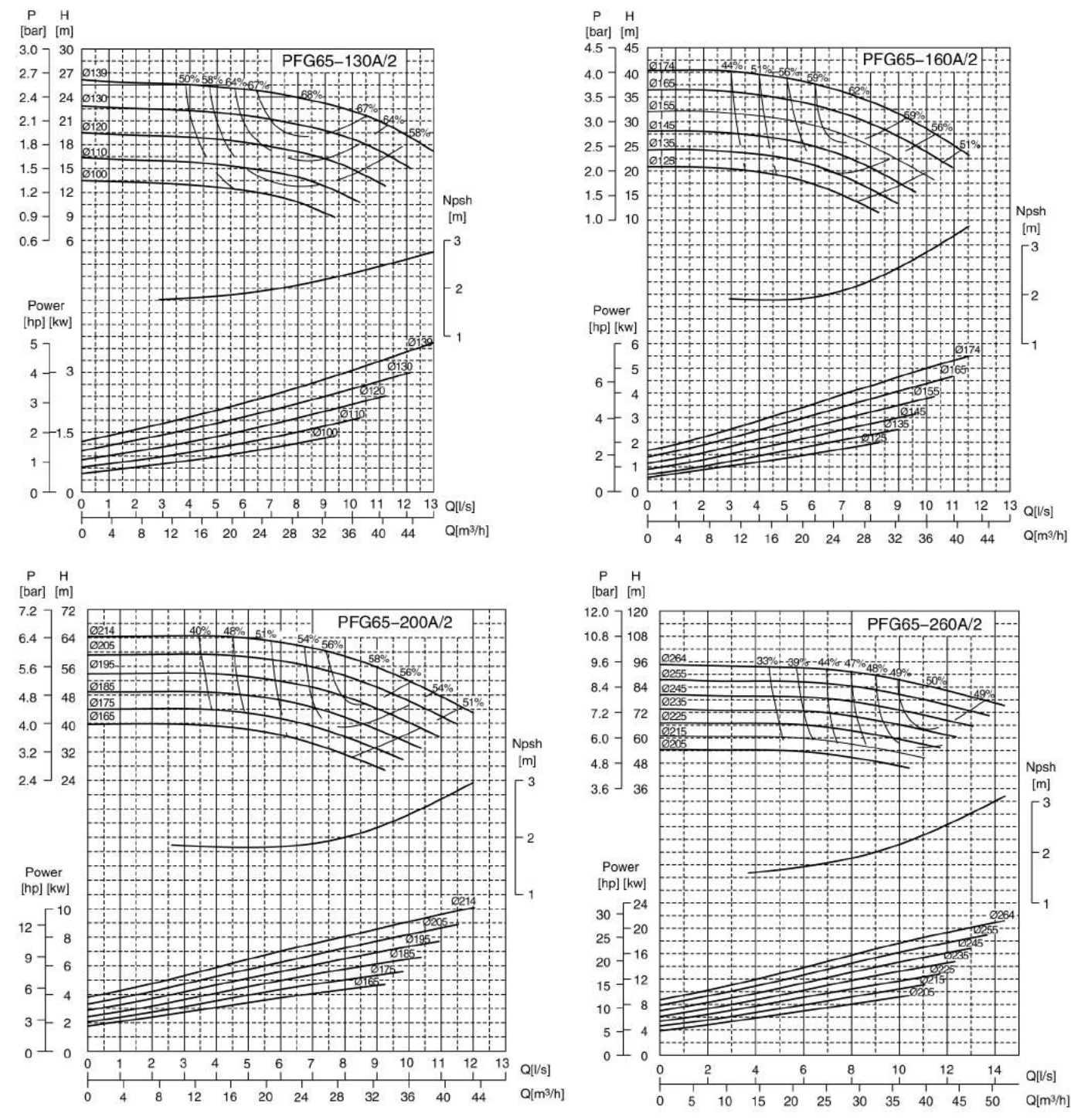
## VIII、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

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



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

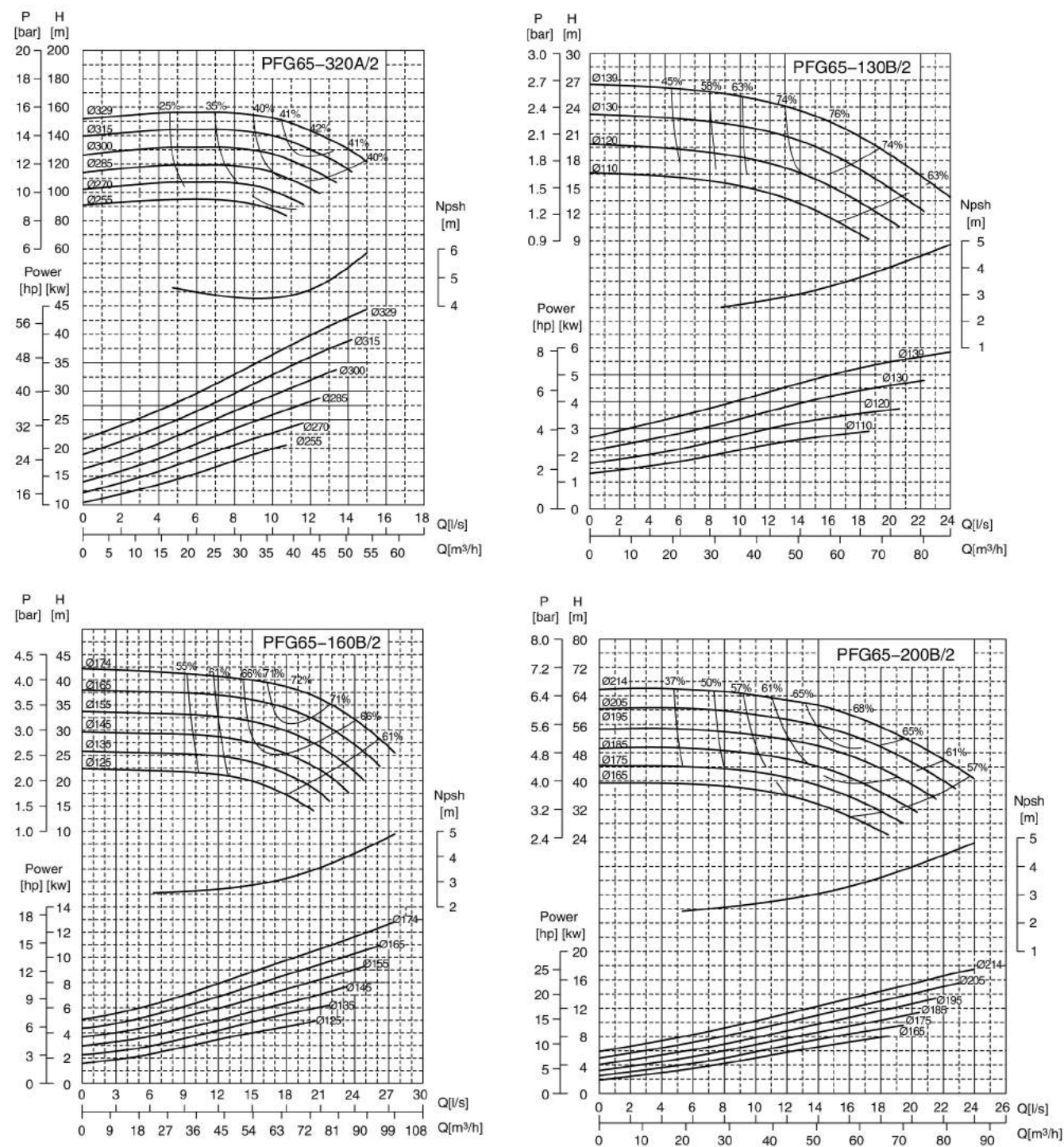
PFG200

OTHERS

# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

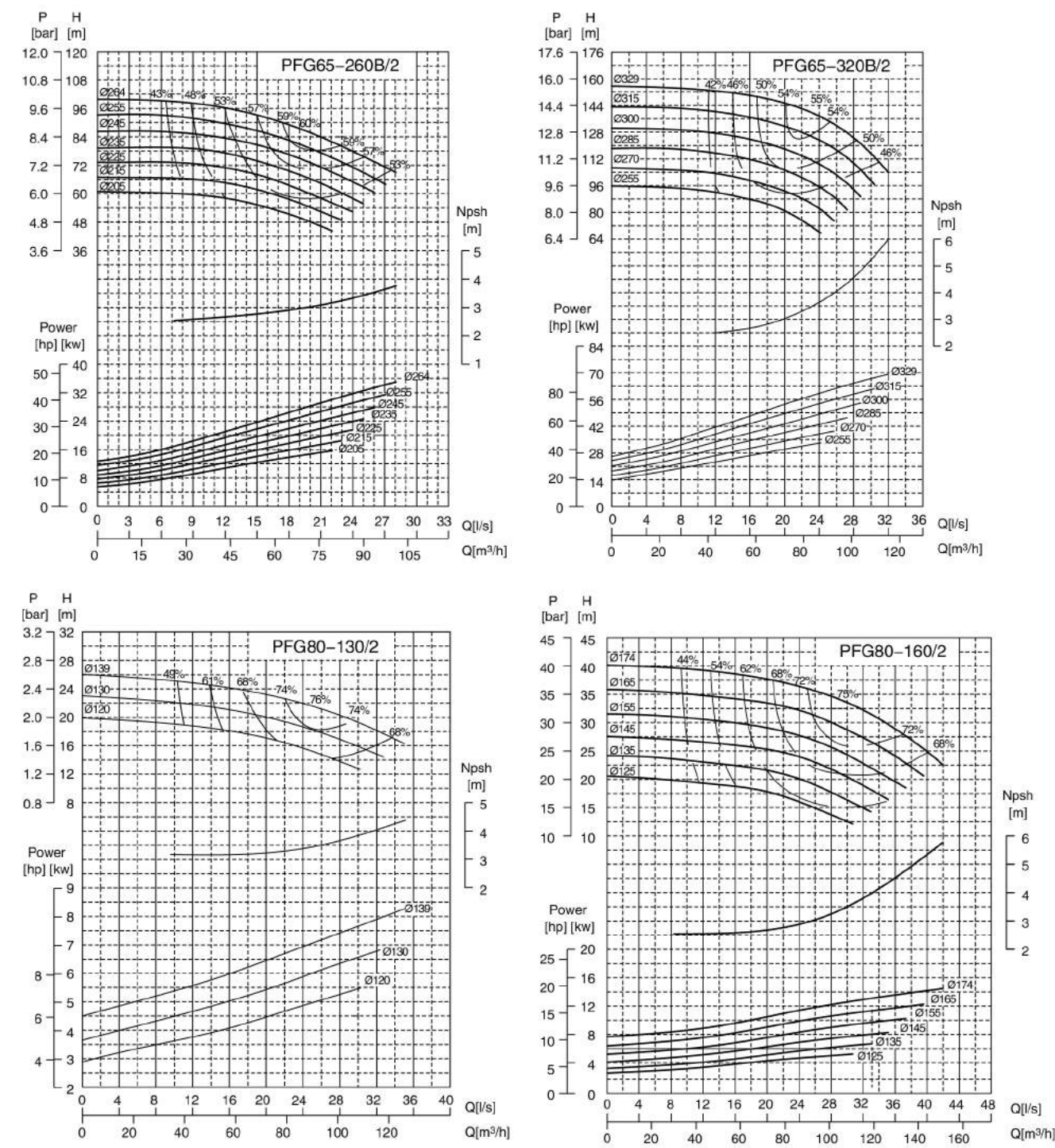
## VIII、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

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



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

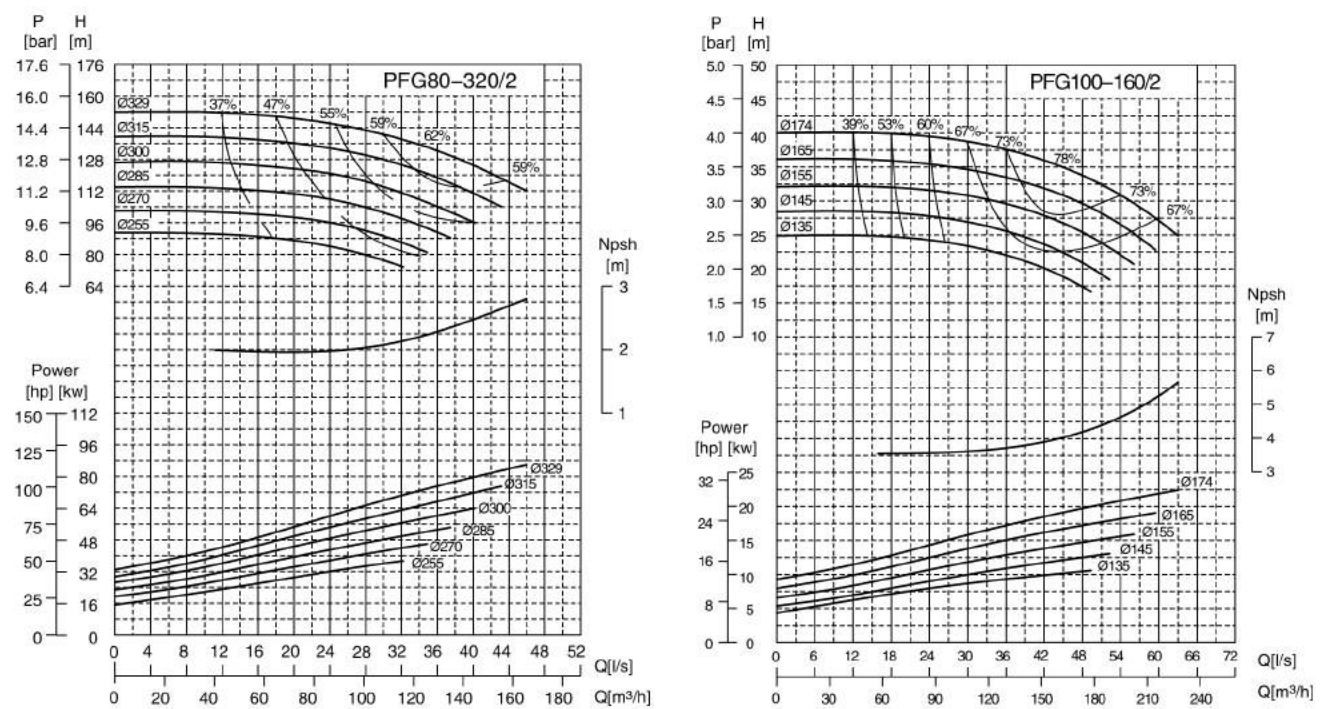
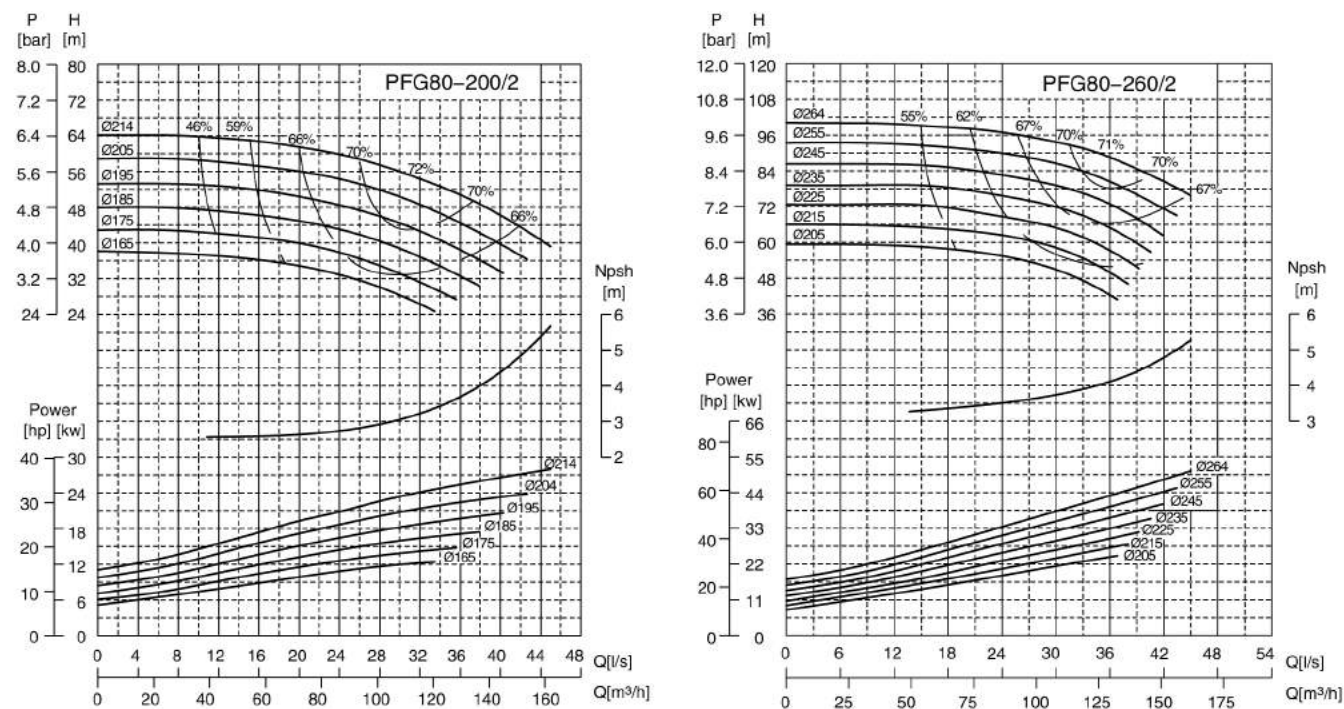
OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

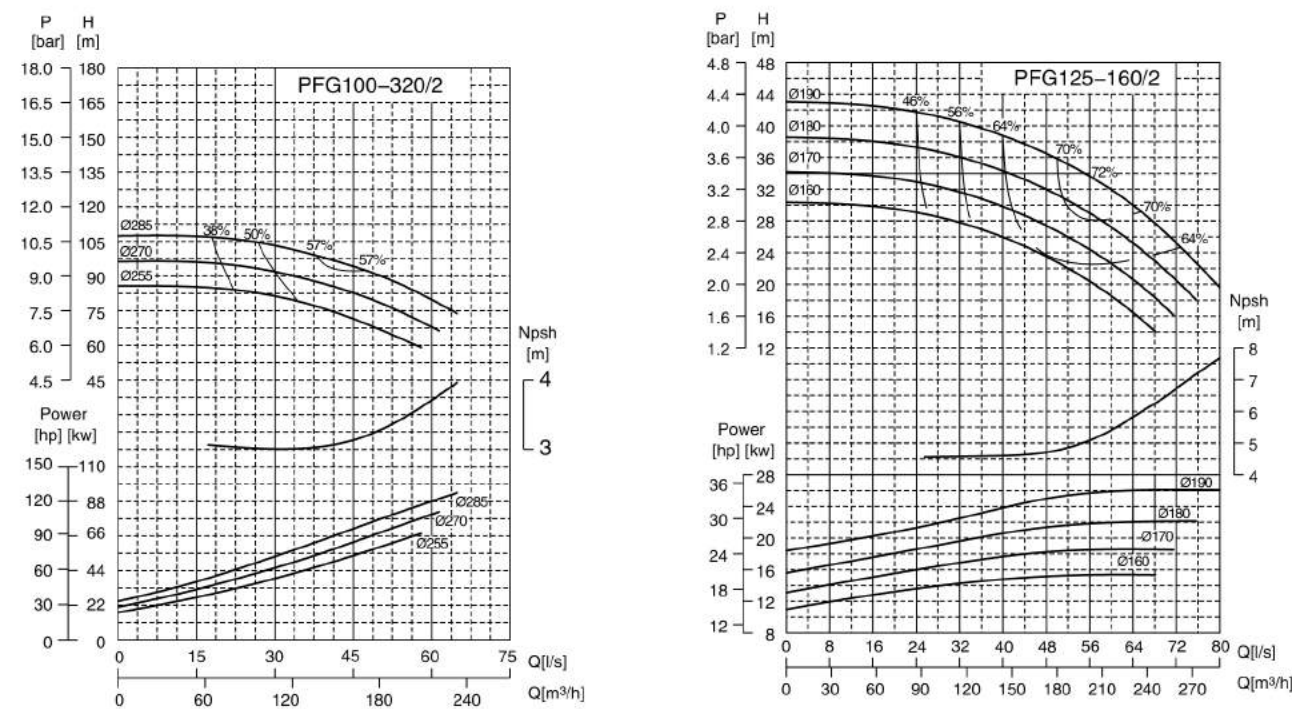
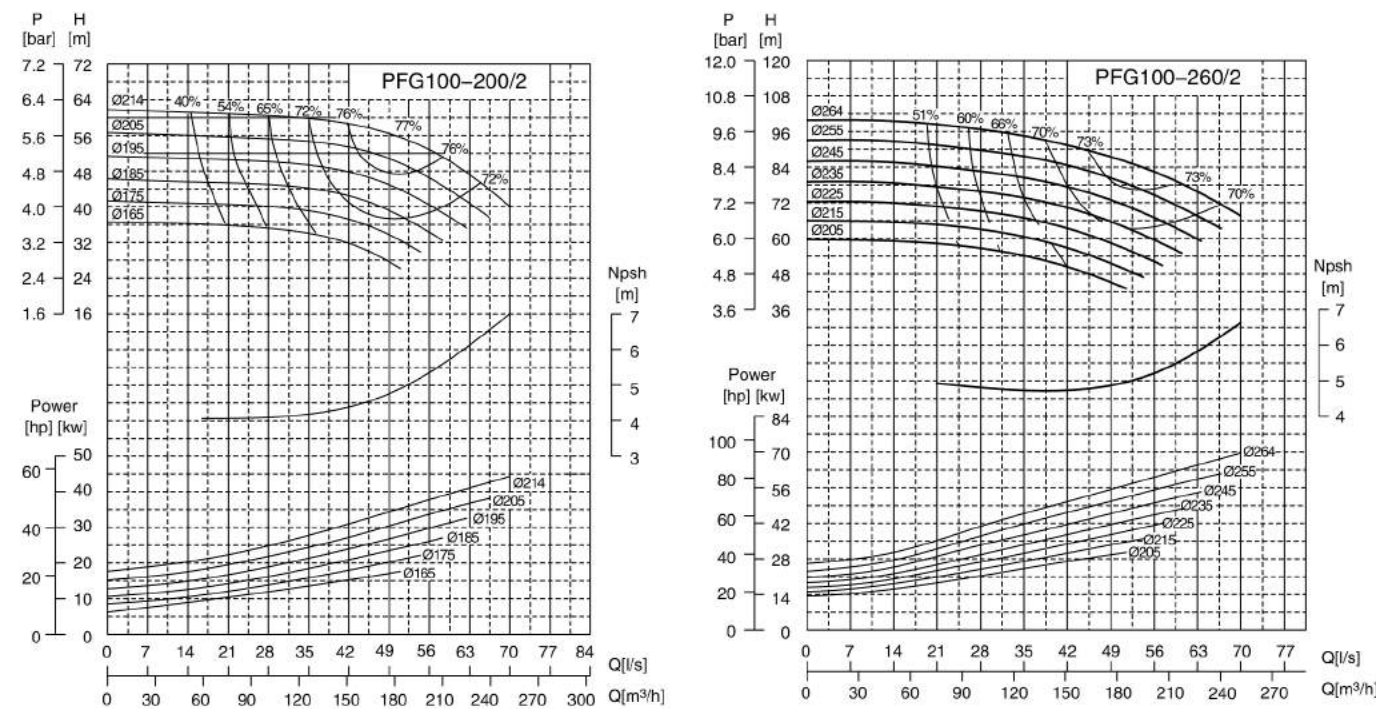
## VIII、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

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



PFG

PFG40

PFG50

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PFG80

PFG100

PFG125

PFG150

PFG200

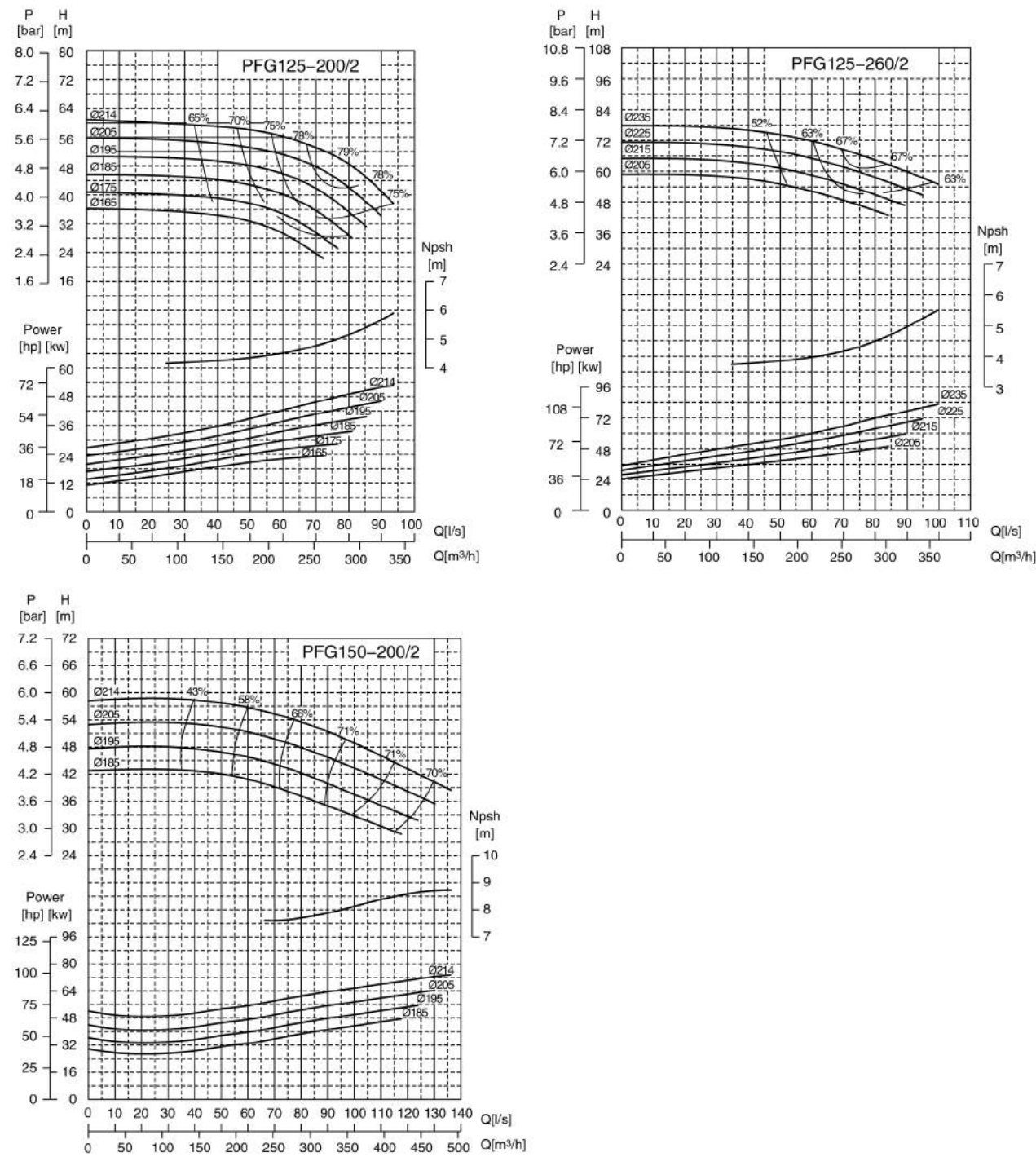
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# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

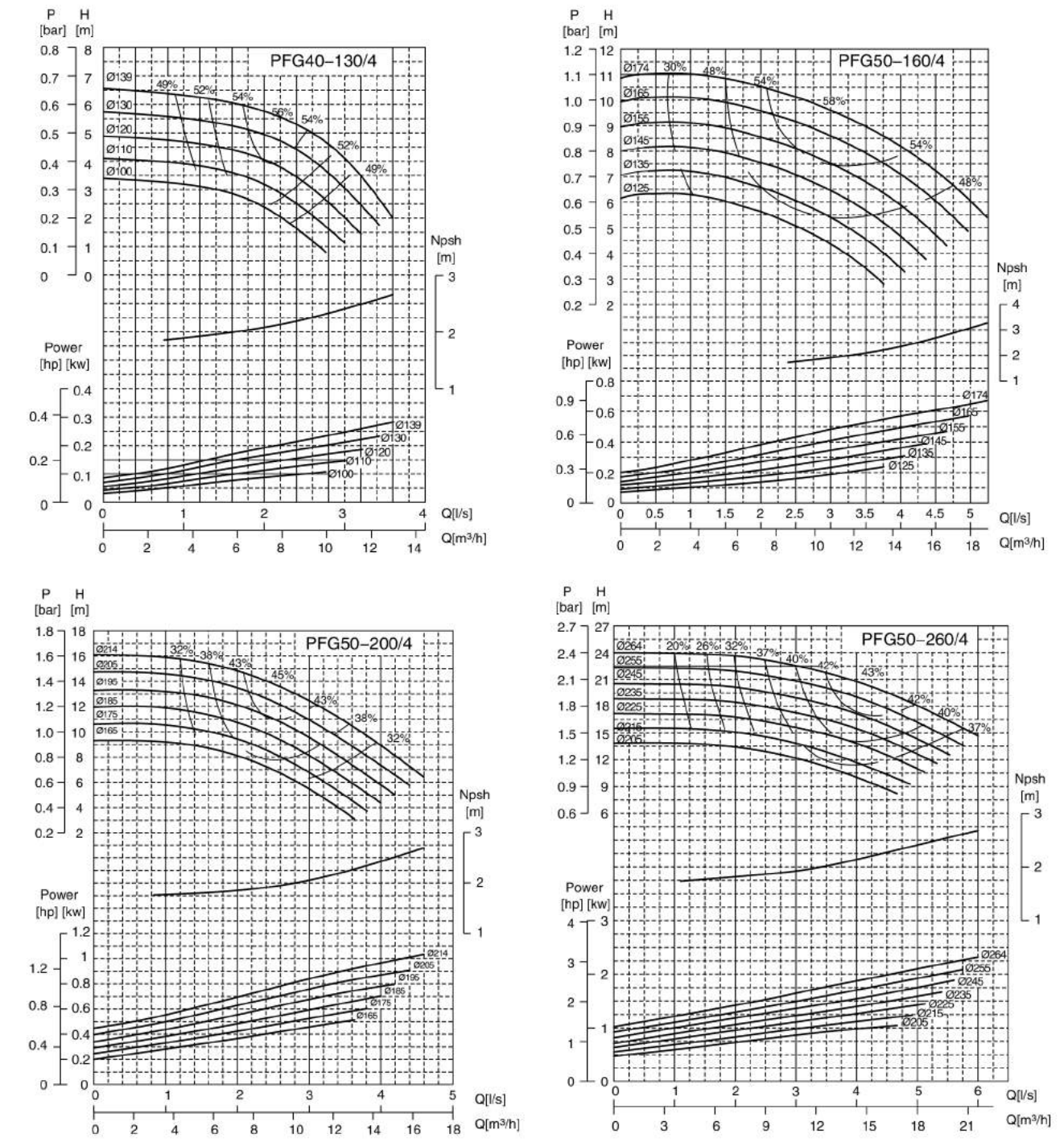
### VIII、PERFORMANCE CURVE CHART 性能曲线图(2900rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

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



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

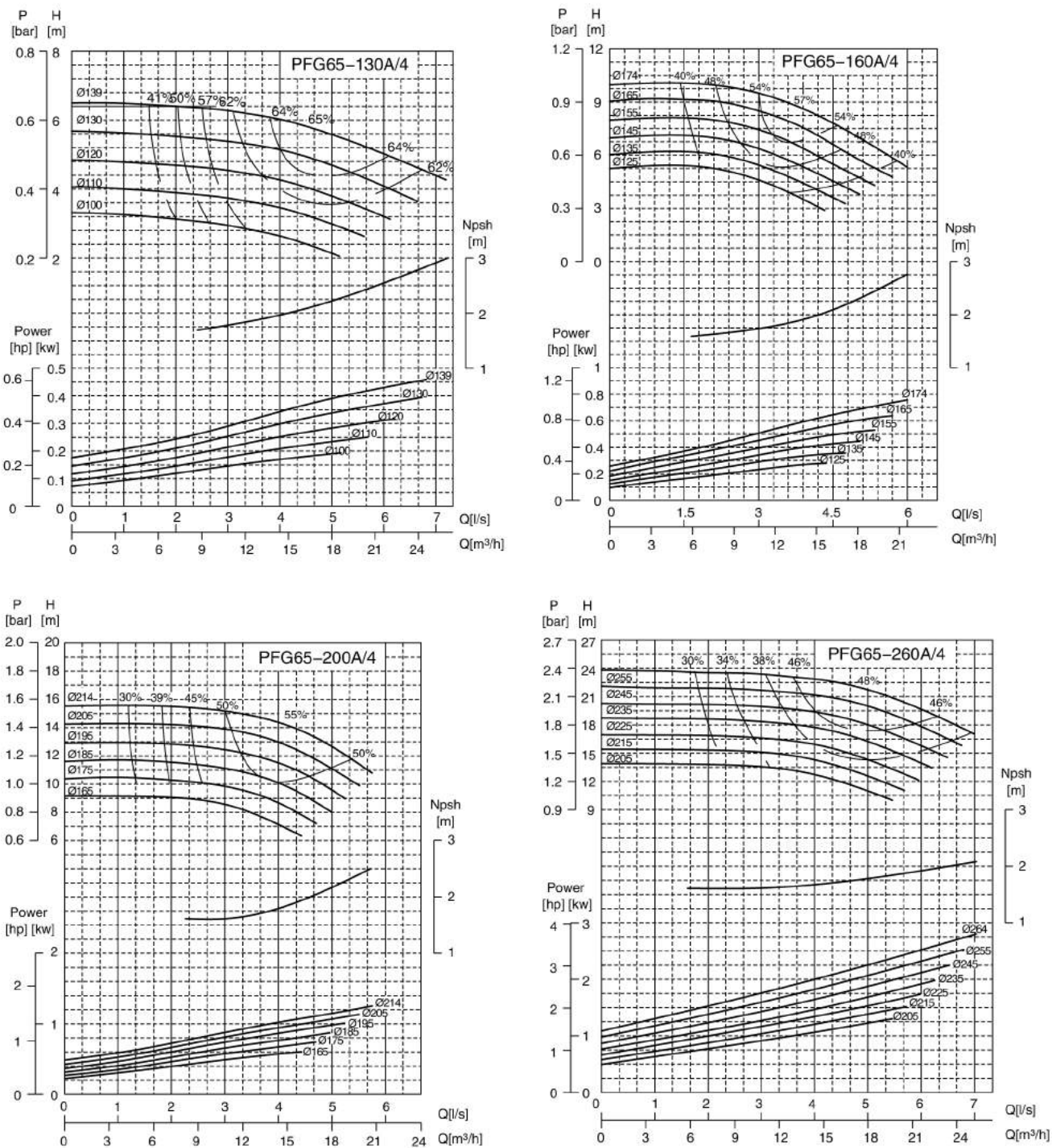
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# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

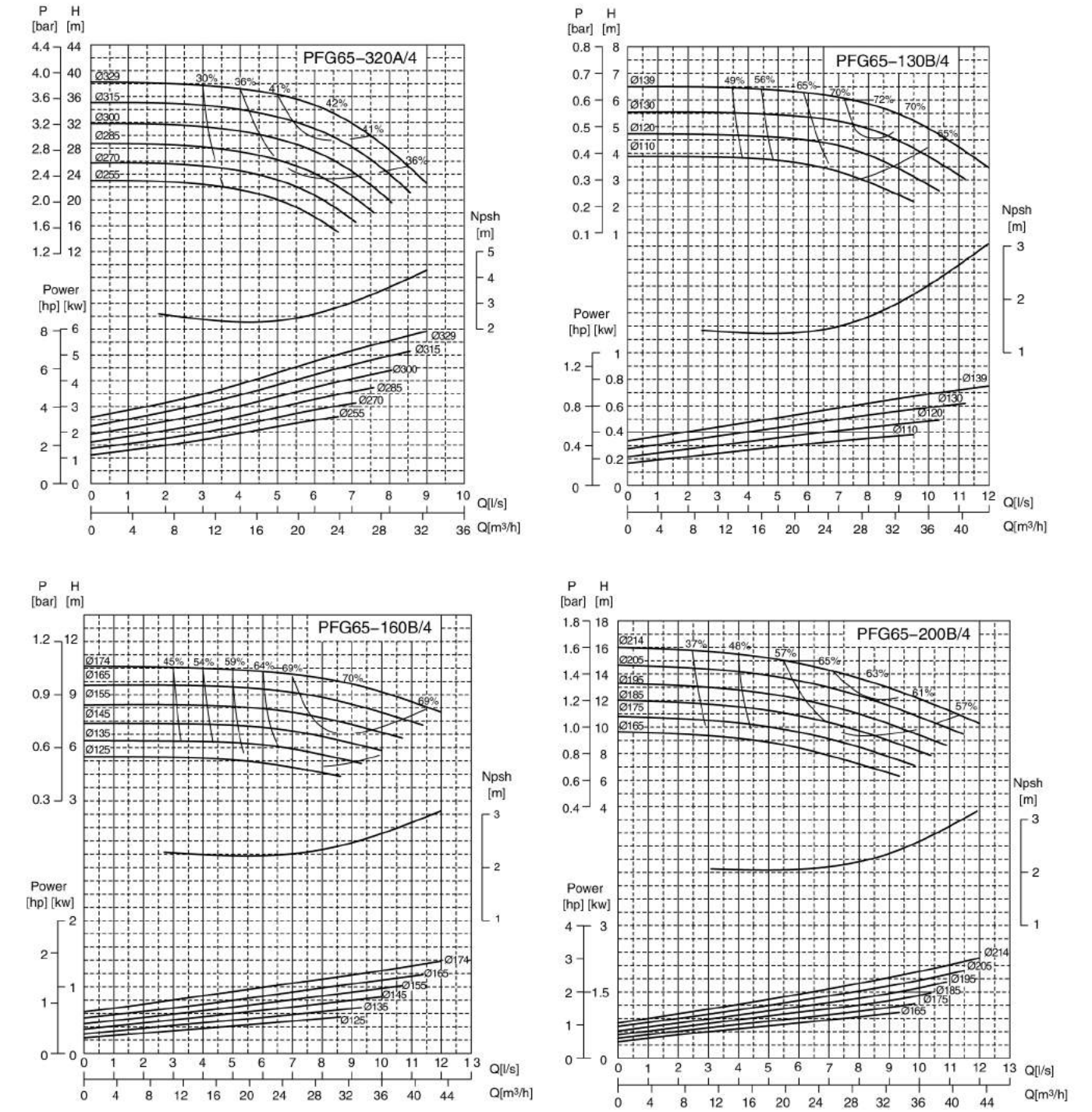
VIII、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

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



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

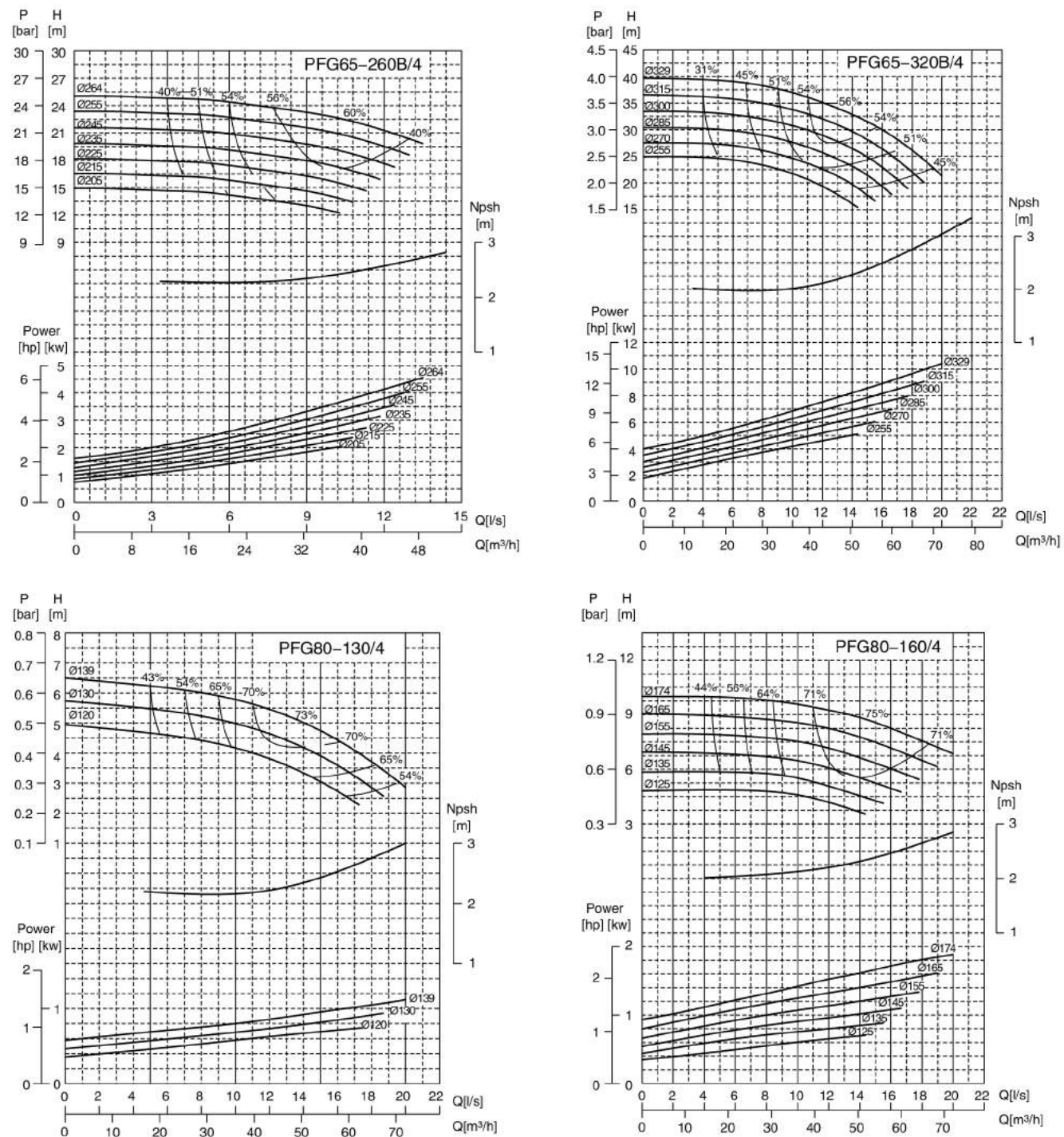
OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

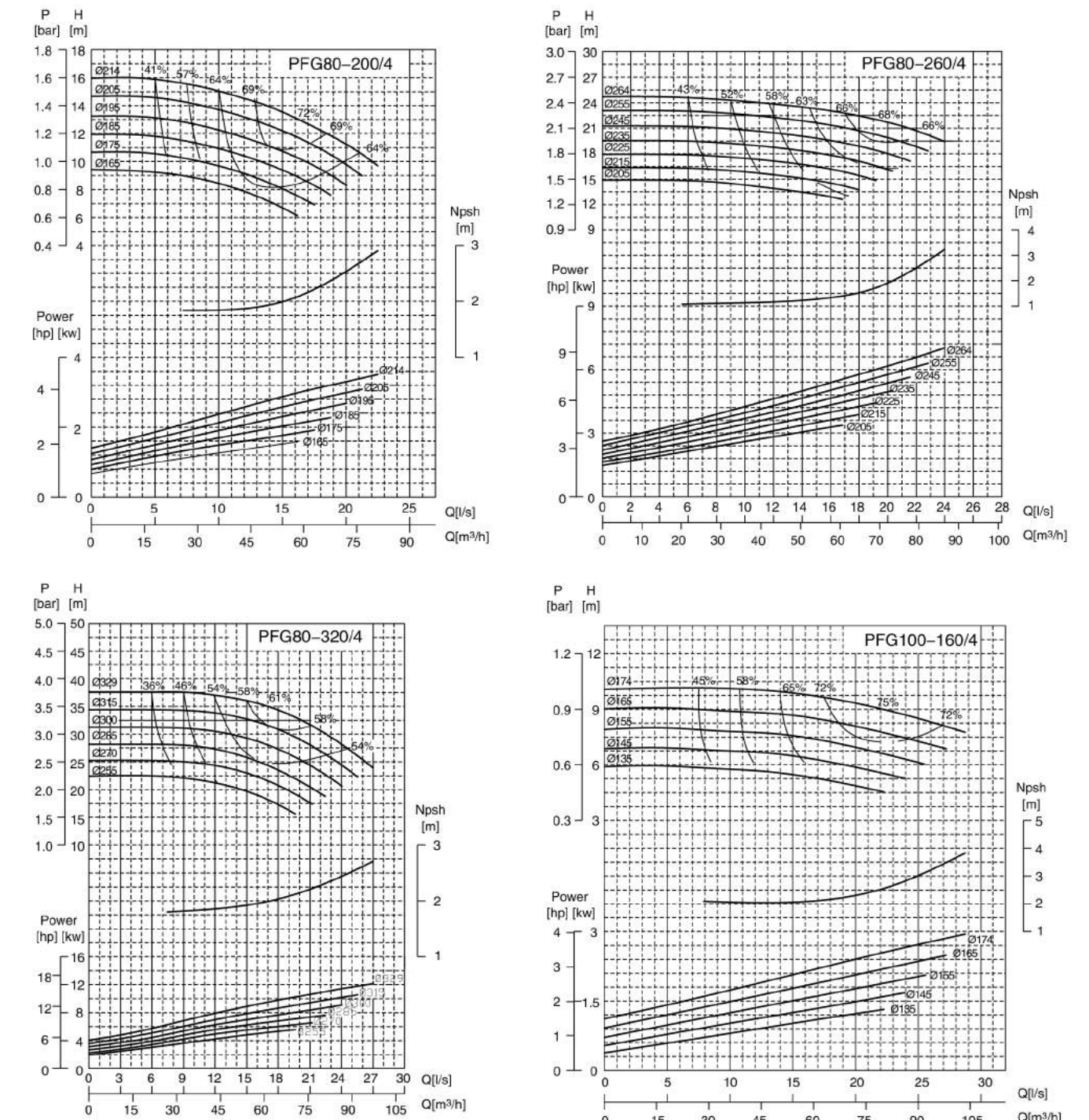
### VIII、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

## PFG SERIES / 立式管道泵 PFG系列

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



PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

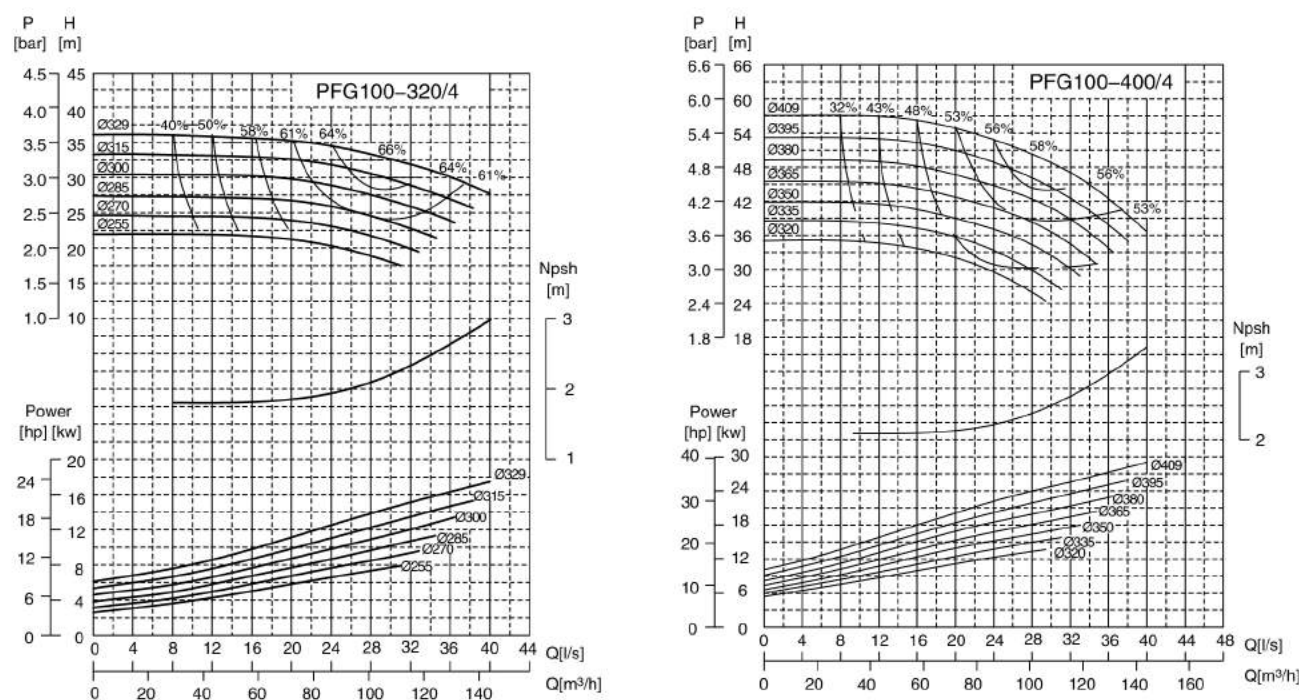
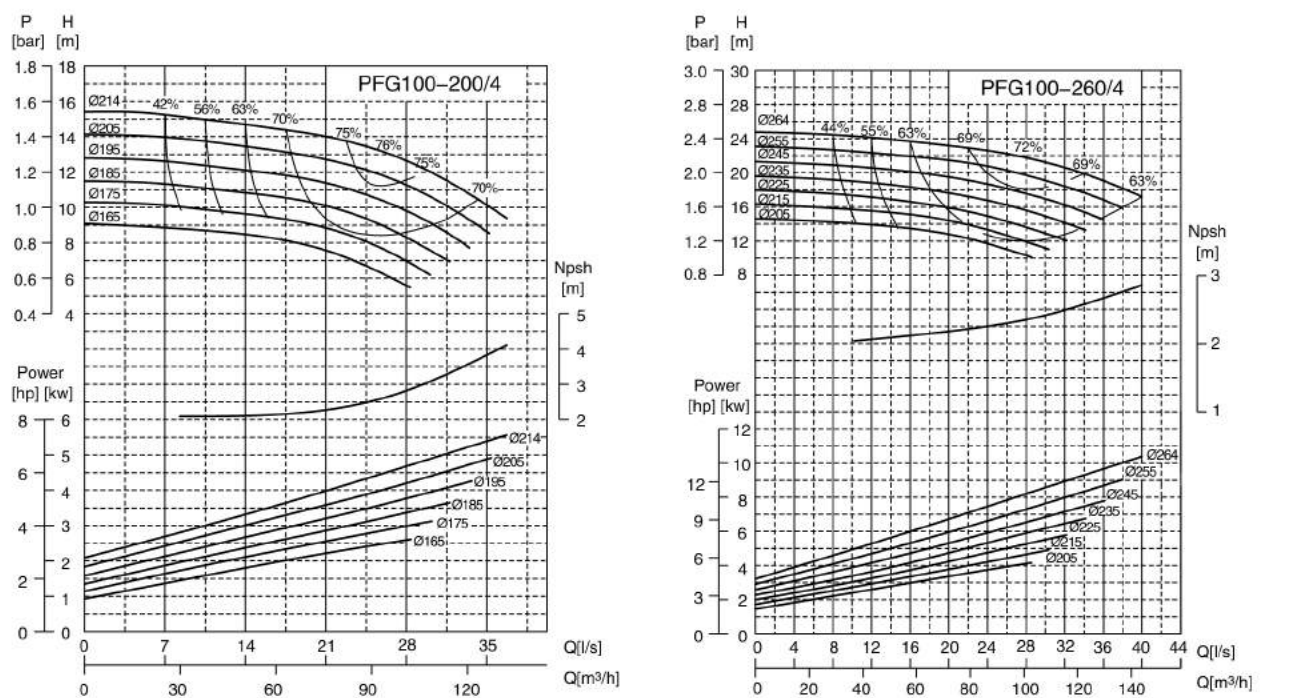
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PFG SERIES / 立式管道泵 PFG系列

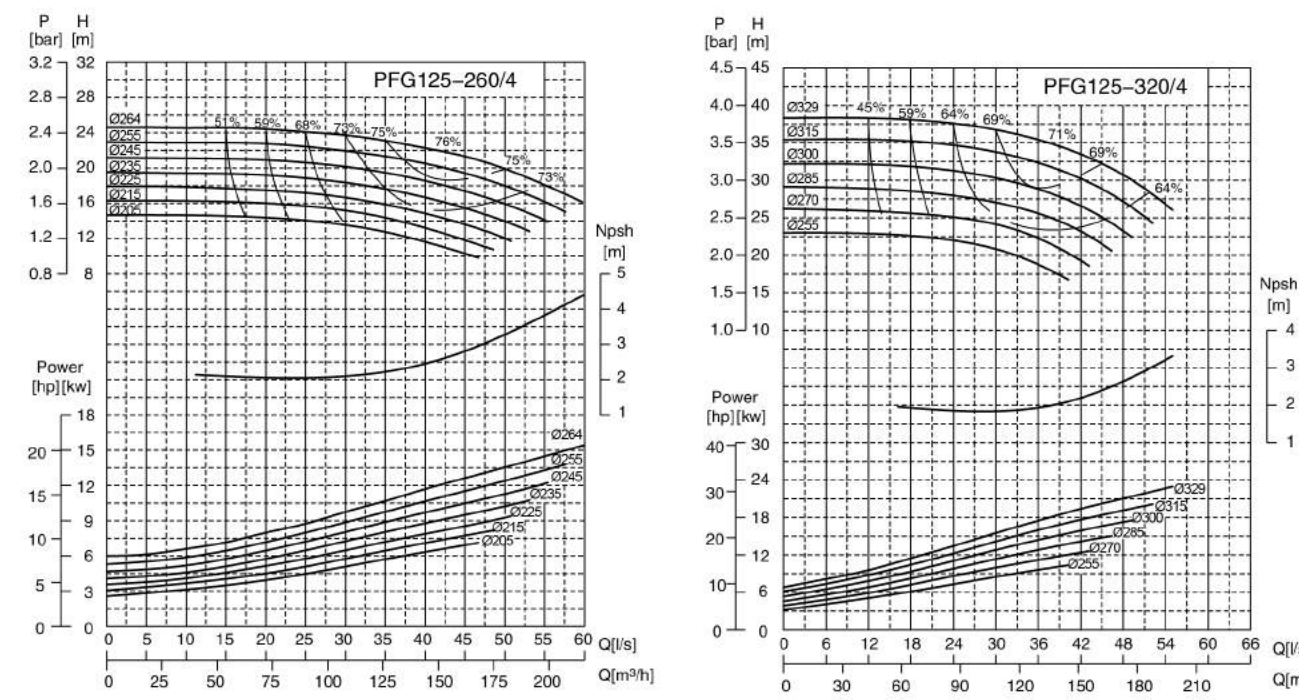
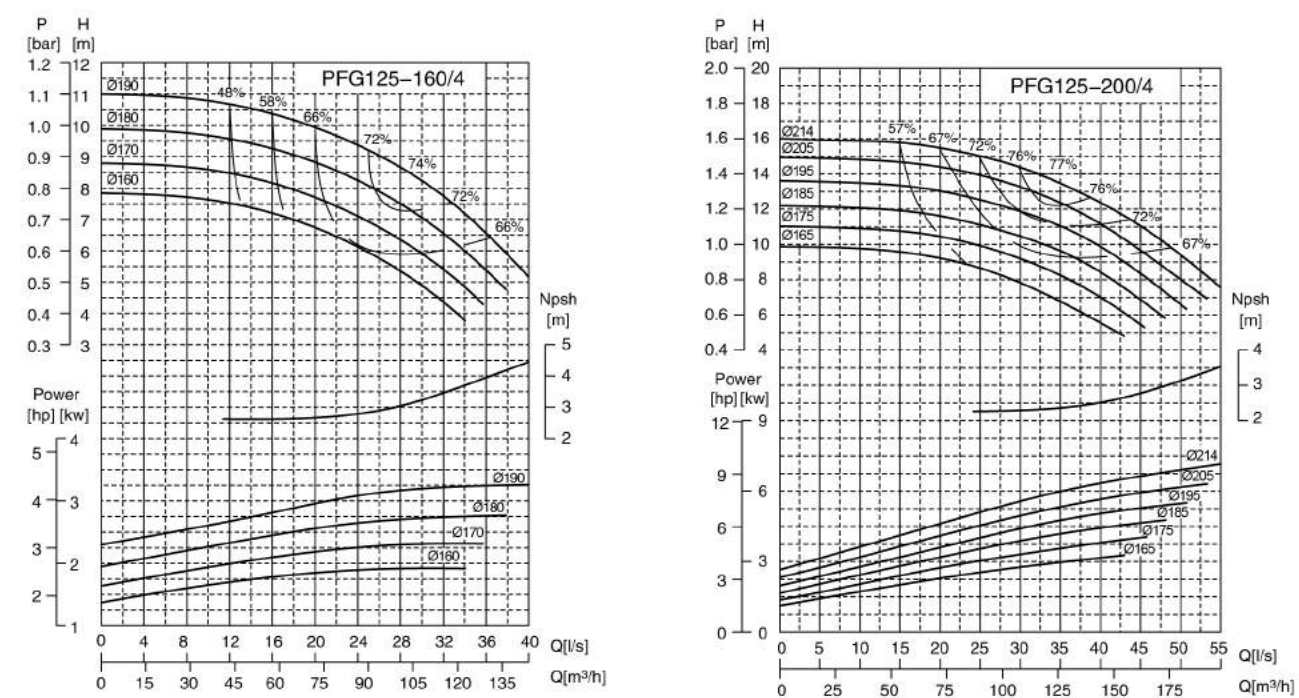
## VIII、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



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PFG SERIES / 立式管道泵 PFG系列

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



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PFG200

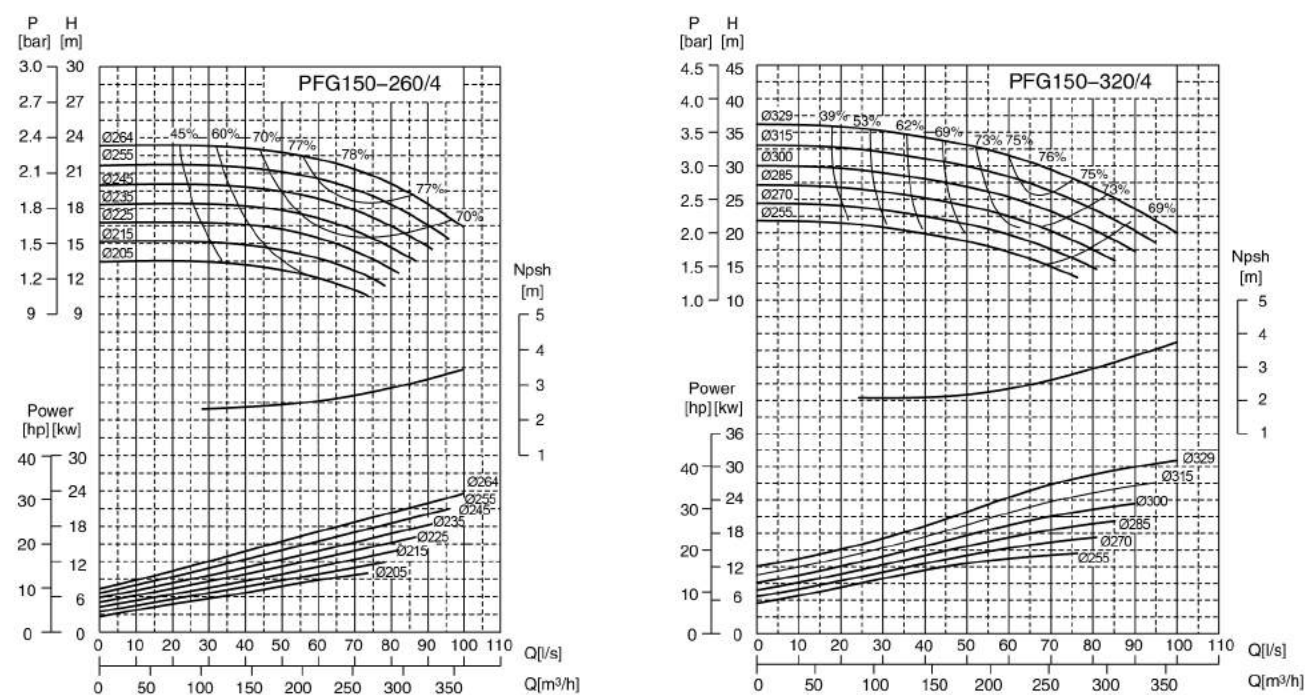
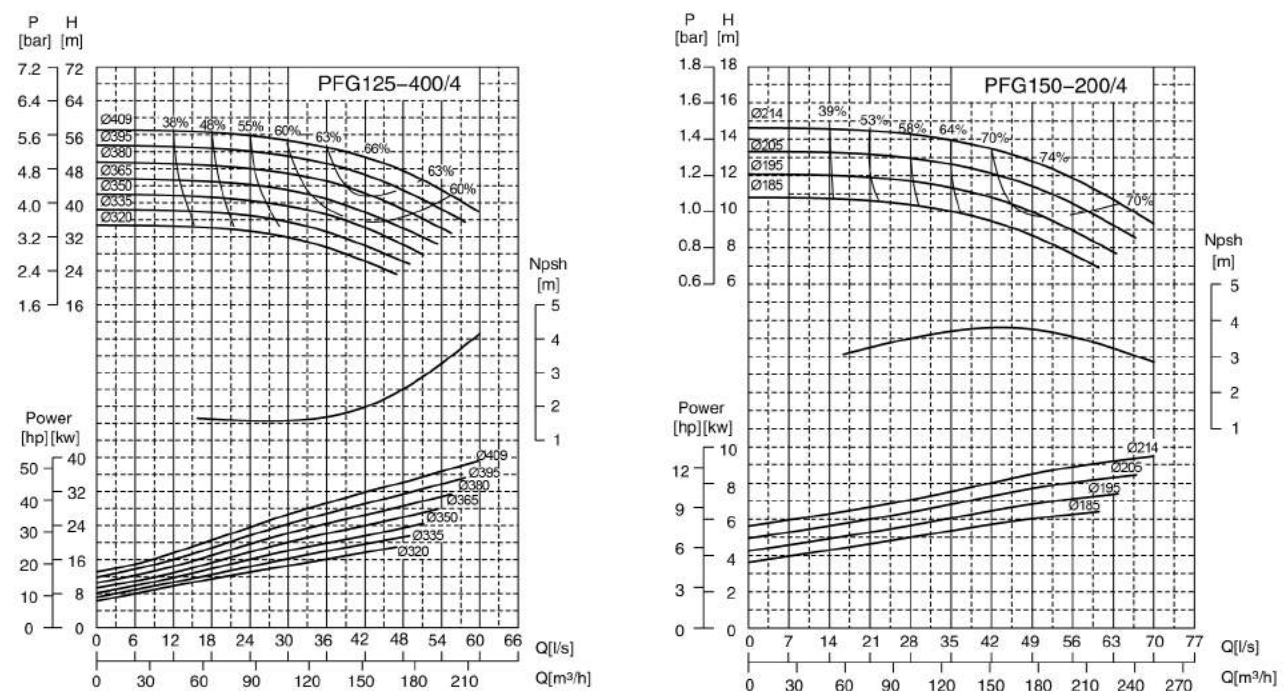
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PFG SERIES / 立式管道泵 PFG系列

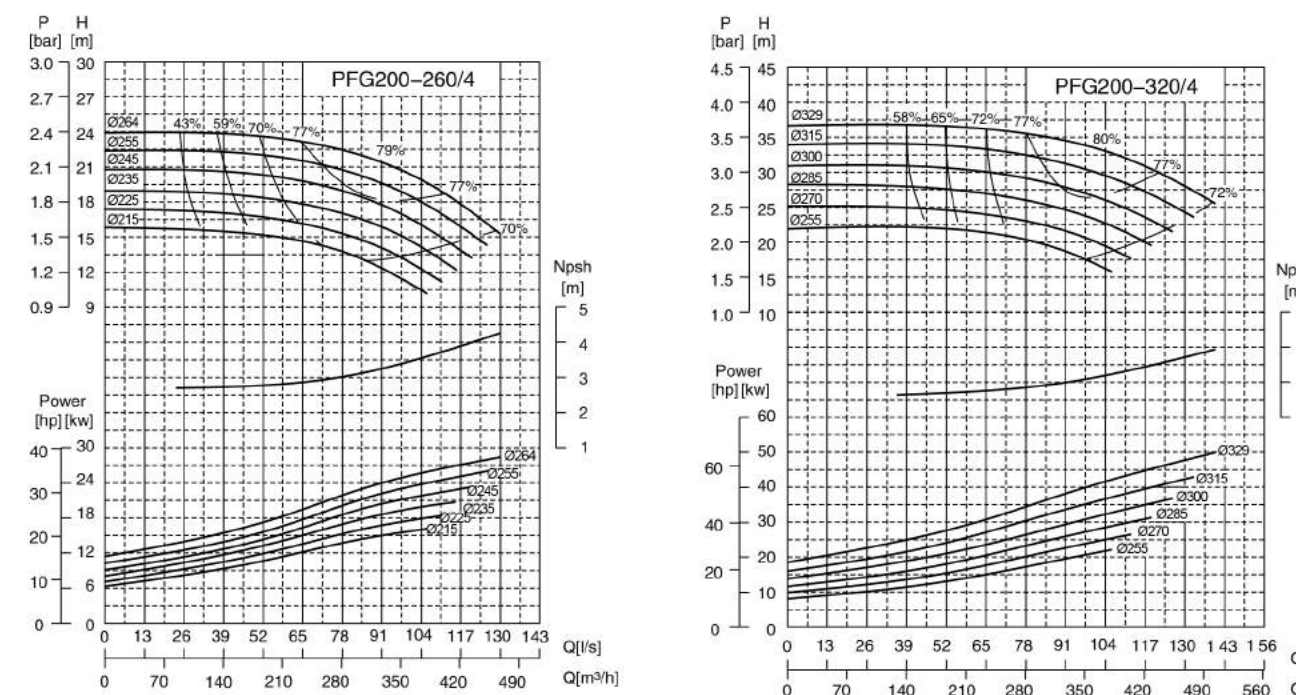
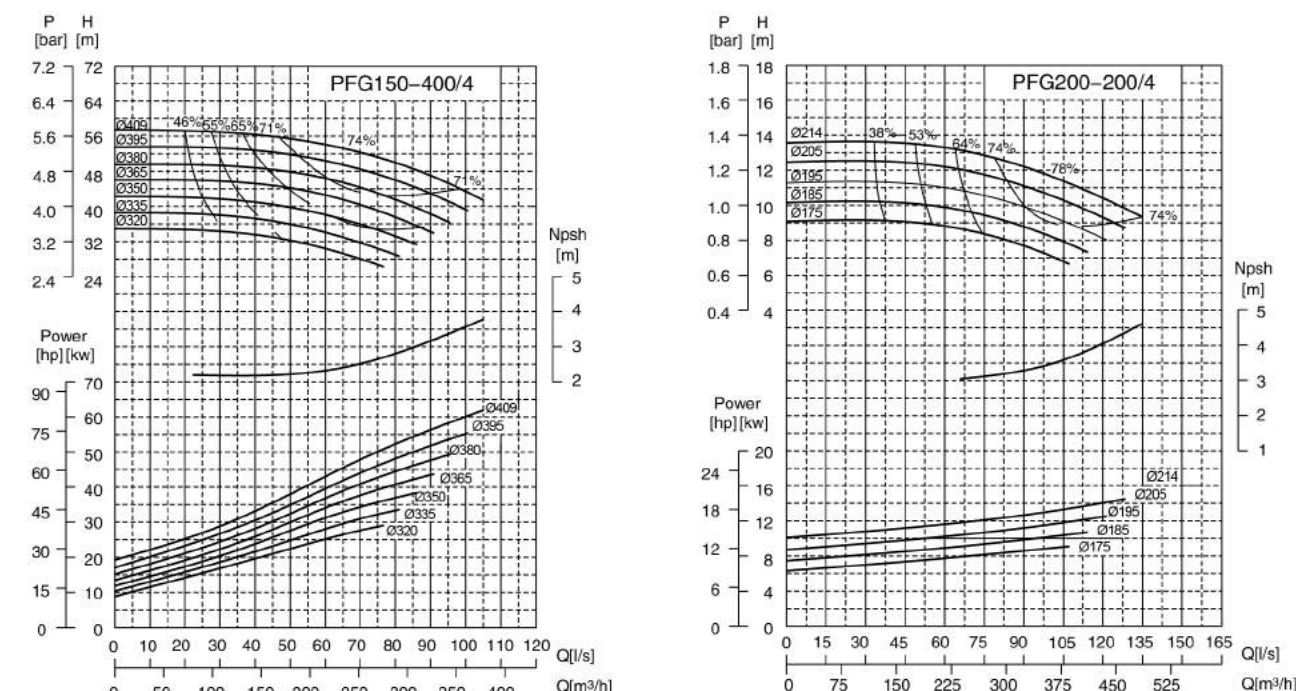
## VIII、PERFORMANCE CURVE CHART 性能曲线图(1450rpm)



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

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



PFG

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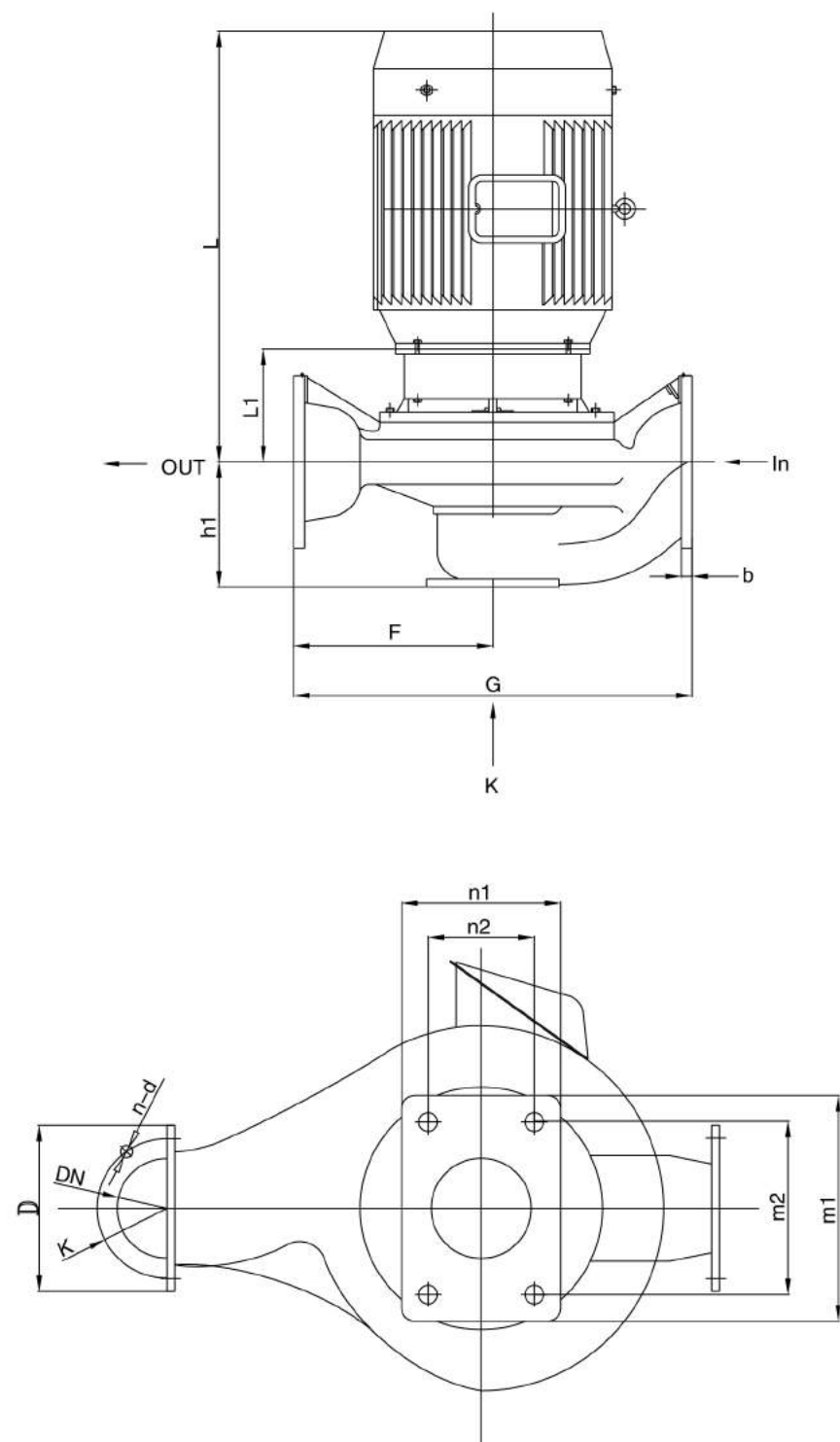
OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

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



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG系列

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

BASIC PARAMETERS 基本参数 (2900rpm)

Model 型号	KW 功率	h1	L1	F	G	L	n2x2	n1x1	s1	DN	D	K	n-d	b
PFG40-130/2	1.1	113	152	150	310	407	170x200	200x230	12	40	150	110	4-φ18	18
	1.5	113	152	150	310	422	170x200	200x230	12	40	150	110	4-φ18	18
	2.2	113	152	150	310	447	170x200	200x230	12	40	150	110	4-φ18	18
PFG50-160/2	2.2	118	152	160	320	447	170x200	200x230	12	50	165	125	4-φ18	20
	3	118	164	160	320	504	170x200	200x230	12	50	165	125	4-φ18	20
	5.5	118	187	160	320	577	170x200	200x230	12	50	165	125	4-φ18	20
PFG50-200/2	5.5	118	186	210	420	576	170x200	200x230	14	50	165	125	4-φ18	20
	7.5	118	186	210	420	576	170x200	200x230	14	50	165	125	4-φ18	20
	11	118	218	210	420	723	170x200	200x230	14	50	165	125	4-φ18	20
PFG50-260/2	11	118	228	230	470	733	170x200	200x230	14	50	165	125	4-φ18	20
	15	118	228	230	470	733	170x200	200x230	14	50	165	125	4-φ18	20
	18.5	118	228	230	470	788	170x200	200x230	14	50	165	125	4-φ18	20
PFG65-130A/2	1.5	128	152	175	360	422	170x200	200x230	12	65	185	145	4-φ18	20
	2.2	128	152	175	360	447	170x200	200x230	12	65	185	145	4-φ18	20
	3	128	164	175	360	489	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160A/2	4	128	164	175	360	504	170x200	200x230	12	65	185	145	4-φ18	20
	3	138	164	175	370	489	170x200	200x230	12	65	185	145	4-φ18	20
	4	138	164	175	370	504	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160A/2	5.5	138	187	175	370	577	170x200	200x230	12	65	185	145	4-φ18	20
	7.5	138	187	175	370	577	170x200	200x230	12	65	185	145	4-φ18	20
	5.5	138	186	240	480	576	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-200A/2	7.5	138	186	240	480	576	170x200	200x230	14	65	185	145	4-φ18	20
	11	138	218	240	480	723	170x200	200x230	14	65	185	145	4-φ18	20
	11	138	228	260	520	733	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-260A/2	15	138	228	260	520	733	170x200	200x230	14	65	185	145	4-φ18	20
	18.5	138	228	260	520	788	170x200	200x230	14	65	185	145	4-φ18	20
	22	138	228	260	520	818	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-320A/2	22	138	231	290	580	861	170x200	200x230	14	65	185	145	4-φ18	20
	30	138	237	290	580	897	170x200	200x230	14	65	185	145	4-φ18	20
	37	138	237	290	580	897	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-130B/2	45	138	237	290	580	942	170x200	200x230	14	65	185	145	4-φ18	20
	4	155	164	200	410	504	170x200	200x230	12	65	185	145	4-φ18	20
	5.5	155	187	200	410	577	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160B/2	7.5	155	187	200	410	577	170x200	200x230	12	65	185	145	4-φ18	20
	5.5	138	187	220	440	577	170x200	200x230	12	65	185	145	4-φ18	20
	7.5	138	187	220	440	577	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160B/2	11	138	220	220	440	725	170x200	200x230	12	65	185	145	4-φ18	20
	15	138	220	220	440	725	170x200	200x230	12	65	185	145	4-φ18	20
	11	138	221	240	480	726	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-200B/2	15	138	221	240	480	726	170x200	200x230	14	65	185	145	4-φ18	20
	18.5	138	221	240	480	781	170x200	200x230	14	65	185	145	4-φ18	20
	37	155	237	290	580	897	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-320B/2	45	155	237	290	580	942	170x200	200x230	14	65	185	145	4-φ18	20
	55	155	273	290	580	1043	170x200	200x230	14	65	185	145	4-φ18	20
	75	155	273	290	580	1118	170x200	200x230	14	65	185	145	4-φ18	20

PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

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

BASIC PARAMETERS 基本参数 (2900rpm)

Model 型号	KW 功率	h1	L1	F	G	L	n2xm2	n1xm1	s1	DN	D	K	n-d	b
PFG80-130/2	7.5	160	187	220	460	577	170x200	200x230	12	80	200	160	8-φ18	25
	11	160	220	220	460	725	170x200	200x230	12	80	200	160	8-φ18	25
PFG80-160/2	7.5	158	187	220	480	577	170x200	200x230	12	80	200	160	8-φ18	25
	11	158	220	220	480	725	170x200	200x230	12	80	200	160	8-φ18	25
	15	158	220	220	480	725	170x200	200x230	12	80	200	160	8-φ18	25
PFG80-200/2	15	150	218	260	540	723	170x200	200x230	14	80	200	160	8-φ18	25
	18.5	150	218	260	540	778	170x200	200x230	14	80	200	160	8-φ18	25
	22	150	218	260	540	808	170x200	200x230	14	80	200	160	8-φ18	25
	30	150	221	260	540	881	170x200	200x230	14	80	200	160	8-φ18	25
PFG80-260/2	30	168	237	290	590	897	170x200	200x230	14	80	200	160	8-φ18	22
	37	168	237	290	590	897	170x200	200x230	14	80	200	160	8-φ18	22
	45	168	237	290	590	942	170x200	200x230	14	80	200	160	8-φ18	22
	55	168	271	290	590	1041	170x200	200x230	14	80	200	160	8-φ18	22
	45	175	252	310	640	957	200x250	250x300	18	80	200	160	8-φ18	22
PFG80-320/2	55	175	272	310	640	1042	200x250	250x300	18	80	200	160	8-φ18	22
	75	175	272	310	640	1117	200x250	250x300	18	80	200	160	8-φ18	22
	90	175	272	310	640	1167	200x250	250x300	18	80	200	160	8-φ18	22
PFG100-160/2	15	188	220	260	540	725	170x200	200x230	12	100	220	180	8-φ18	24
	18.5	188	220	260	540	780	170x200	200x230	12	100	220	180	8-φ18	24
	22	188	220	260	540	810	170x200	200x230	12	100	220	180	8-φ18	24
	30	188	222	260	540	839	170x200	200x230	12	100	220	180	8-φ18	24
PFG100-200/2	22	188	234	290	600	824	170x200	200x230	14	100	220	180	8-φ18	24
	30	188	237	290	600	897	170x200	200x230	14	100	220	180	8-φ18	24
	37	188	237	290	600	897	170x200	200x230	14	100	220	180	8-φ18	24
	45	188	237	290	600	942	170x200	200x230	14	100	220	180	8-φ18	24
PFG100-260/2	37	188	237	310	630	897	170x200	200x230	14	100	220	180	8-φ18	24
	45	188	237	310	630	942	170x200	200x230	14	100	220	180	8-φ18	24
	55	188	271	310	630	1041	170x200	200x230	14	100	220	180	8-φ18	24
PFG100-320N/2	75	188	271	310	630	1116	170x200	200x230	14	100	220	180	8-φ18	24
	75	186	272	340	700	1117	200x250	250x300	18	100	220	180	8-φ18	24
PFG100-320N/2	90	186	272	340	700	1167	200x250	250x300	18	100	220	180	8-φ18	24
	18.5	220	234	330	690	794	260x260	300x300	18	125	250	210	8-φ18	26
PFG125-160/2	22	220	234	330	690	824	260x260	300x300	18	125	250	210	8-φ18	26
	30	220	237	330	690	897	260x260	300x300	18	125	250	210	8-φ18	26
	30	220	237	330	680	897	200x250	250x300	18	125	250	210	8-φ18	26
	37	220	237	330	680	897	200x250	250x300	18	125	250	210	8-φ18	26
PFG125-200/2	45	220	237	330	680	942	200x250	250x300	18	125	250	210	8-φ18	26
	55	220	271	330	680	1041	200x250	250x300	18	125	250	210	8-φ18	26
	75	220	271	330	680	1116	200x250	250x300	18	125	250	210	8-φ18	26
PFG125-260/2	75	220	275	340	700	1120	200x250	250x300	18	125	250	210	8-φ18	26
	90	220	275	340	700	1170	200x250	250x300	18	125	250	210	8-φ18	26
PFG150-200/2	55	260	271	360	740	1041	200x250	250x300	18	150	285	240	8-φ22	26
	75	260	271	360	740	1116	200x250	250x300	18	150	285	240	8-φ22	26
	90	260	271	360	740	1166	200x250	250x300	18	150	285	240	8-φ22	26

# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

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

BASIC PARAMETERS 基本参数 (1450rpm)

Model 型号	KW 功率	h1	L1	F	G	L	n2xm2	n1xm1	s1	DN	D	K	n-d	b
PFG40-130/4	0.55	113	152	150	310	407	170x200	200x230	12	40	150	110	4-φ18	18
PFG50-160/4	0.55	118	152	160	320	407	170x200	200x230	12	50	165	125	4-φ18	20
	0.75	118	152	160	320	407	170x200	200x230	12	50	165	125	4-φ18	20
PFG50-200/4	0.55	118	151	210	420	406	170x200	200x230	14	50	165	125	4-φ18	20
	0.75	118	151	210	420	406	170x200	200x230	14	50	165	125	4-φ18	20
	1.1	118	151	210	420	421	170x200	200x230	14	50	165	125	4-φ18	20
	1.5	118	151	210	420	446	170x200	200x230	14	50	165	125	4-φ18	20
PFG50-260/4	2.2	118	173	230	470	498	170x200	200x230	14	50	165	125	4-φ18	20
	3	118	173	230	470	498	170x200	200x230	14	50	165	125	4-φ18	20
PFG65-130A/4	0.55	128	152	175	360	407	170x200	200x230	12	65	185	145	4-φ18	20
	0.55	138	152	175	370	407	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160A/4	0.75	138	152	175	370	407	170x200	200x230	12	65	185	145	4-φ18	20
	1.1	138	152	175	370	422	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-200A/4	0.75	138	151	240	480	406	170x200	200x230	14	65	185	145	4-φ18	20
	1.1	138	151	240	480	421	170x200	200x230	14	65	185	145	4-φ18	20
	1.5	138	151	240	480	446	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-260A/4	2.2	138	173	260	520	498	170x200	200x230	14	65	185	145	4-φ18	20
	3	138	173	260	520	498	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-320A/4	3	138	179	290	580	504	170x200	200x230	14	65	185	145	4-φ18	20
	4	138	179	290	580	519	170x200	200x230	14	65	185	145	4-φ18	20
	5.5	138	201	290	580	591	170x200	200x230	14	65	185	145	4-φ18	20
	7.5	138	201	290	580	631	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-130B/4	0.55	155	152	200	410	407	170x200	200x230	12	65	185	145	4-φ18	20
	0.75	155	152	200	410	407	170x200	200x230	12	65	185	145	4-φ18	20
	1.1	155	152	200	410	422	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-160B/4	0.55	138	152	220	440	407	170x200	200x230	12	65	185	145	4-φ18	20
	0.75	138	152	220	440	407	170x200	200x230	12	65	185	145	4-φ18	20
PFG65-200B/4	1.1	138	152	220	440	422	170x200	200x230	12	65	185	145	4-φ18	20
	1.5	138	152	220	440	447	170x200	200x230	12	65	185	145	4-φ18	20
	1.5	138	154	240	480	449	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-200B/4	2.2	138	166	240	480	491	170x200	200x230	14	65	185	145	4-φ18	20
	3	138	166	240	480	491	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-260B/4	2.2	138	174	260	520	497	170x200	200x230	14	65	185	145	4-φ18	20
	3	138	174	260	520	497	170x200	200x230	14	65	185	145	4-φ18	20
	4	138	174	260	520	512	170x200	200x230	14	65	185	145	4-φ18	20
	5.5	138	197	260	520	587	170x200	200x230	14	65	185	145	4-φ18	20
PFG65-320B/4	5.5	155	201	290	580	591	170x200	200x230	14	65	185	145	4-φ18	20
	7.5	155	201	290	580	631	170x200	200x230	14	65	185	145	4-φ18	20
	11	155	231	290	580	736	170x200	200x230	14	65	185	145	4-φ18	20
PFG80-130/4	0.75	160	152	220	460	407	170x200	200x230	12	80	200	160	8-φ18	25
	1.1	160	152	220	460	422	170x200	200x230	12	80	200	160	8-φ18	25

PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

OTHERS



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

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

BASIC PARAMETERS 基本参数 (1450rpm)

Model 型号	KW 功率	h1	L1	F	G	L	n2x2	n1x1	s1	DN	D	K	n-d	b
PFG80-160/4	0.75	158	152	220	480	407	170x200	200x230	12	80	200	160	8-φ18	25
	1.1	158	152	220	480	422	170x200	200x230	12	80	200	160	8-φ18	25
	1.5	158	152	220	480	447	170x200	200x230	12	80	200	160	8-φ18	25
PFG80-200/4	2.2	158	164	220	480	489	170x200	200x230	12	80	200	160	8-φ18	25
	2.2	150	163	260	540	488	170x200	200x230	14	80	200	160	8-φ18	25
	3	150	163	260	540	488	170x200	200x230	14	80	200	160	8-φ18	25
PFG80-260/4	4	150	163	260	540	503	170x200	200x230	14	80	200	160	8-φ18	25
	4	168	179	290	590	519	170x200	200x230	14	80	200	160	8-φ18	22
	5.5	168	202	290	590	592	170x200	200x230	14	80	200	160	8-φ18	22
PFG80-320/4	7.5	168	202	290	590	632	170x200	200x230	14	80	200	160	8-φ18	22
	7.5	175	201	310	640	631	200x250	250x300	18	80	200	160	8-φ18	22
	11	175	235	310	640	740	200x250	250x300	18	80	200	160	8-φ18	22
PFG100-160/4	15	175	235	310	640	795	200x250	250x300	18	80	200	160	8-φ18	22
	1.5	188	152	260	540	447	170x200	200x230	12	100	220	180	8-φ18	24
	2.2	188	164	260	540	489	170x200	200x230	12	100	220	180	8-φ18	24
PFG100-200/4	3	188	164	260	540	489	170x200	200x230	12	100	220	180	8-φ18	24
	3	188	179	290	600	504	170x200	200x230	14	100	220	180	8-φ18	24
	4	188	179	290	600	519	170x200	200x230	14	100	220	180	8-φ18	24
PFG100-260/4	5.5	188	202	290	600	592	170x200	200x230	14	100	220	180	8-φ18	24
	5.5	188	202	290	600	632	170x200	200x230	14	100	220	180	8-φ18	24
	7.5	188	202	290	600	632	170x200	200x230	14	100	220	180	8-φ18	24
PFG100-320/4	7.5	188	202	310	630	592	170x200	200x230	14	100	220	180	8-φ18	24
	11	188	234	310	630	739	170x200	200x230	14	100	220	180	8-φ18	24
	11	186	235	340	700	740	200x250	250x300	18	100	220	180	8-φ18	24
PFG100-400/4	15	186	235	340	700	795	200x250	250x300	18	100	220	180	8-φ18	24
	18.5	186	235	340	700	825	200x250	250x300	18	100	220	180	8-φ18	24
	15	220	249	400	800	809	310x310	370x370	18	100	220	180	8-φ18	24
PFG125-160/4	18.5	220	249	400	800	839	310x310	370x370	18	100	220	180	8-φ18	24
	22	220	249	400	800	879	310x310	370x370	18	100	220	180	8-φ18	24
	30	220	249	400	800	909	310x310	370x370	18	100	220	180	8-φ18	24
PFG125-200/4	3	220	179	330	690	504	260x260	300x300	18	125	250	210	8-φ18	26
	4	220	179	330	690	519	260x260	300x300	18	125	250	210	8-φ18	26
	4	220	179	330	680	519	200x250	250x300	18	125	250	210	8-φ18	26
PFG125-260/4	5.5	220	202	330	680	592	200x250	250x300	18	125	250	210	8-φ18	26
	7.5	220	202	330	680	632	200x250	250x300	18	125	250	210	8-φ18	26
	11	220	234	330	680	739	200x250	250x300	18	125	250	210	8-φ18	26
PFG125-320/4	11	220	238	340	700	743	200x250	250x300	18	125	250	210	8-φ18	26
	15	220	238	340	700	798	200x250	250x300	18	125	250	210	8-φ18	26
	18.5	220	238	340	700	828	200x250	250x300	18	125	250	210	8-φ18	26

# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵  
PFG系列

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

BASIC PARAMETERS 基本参数 (1450rpm)

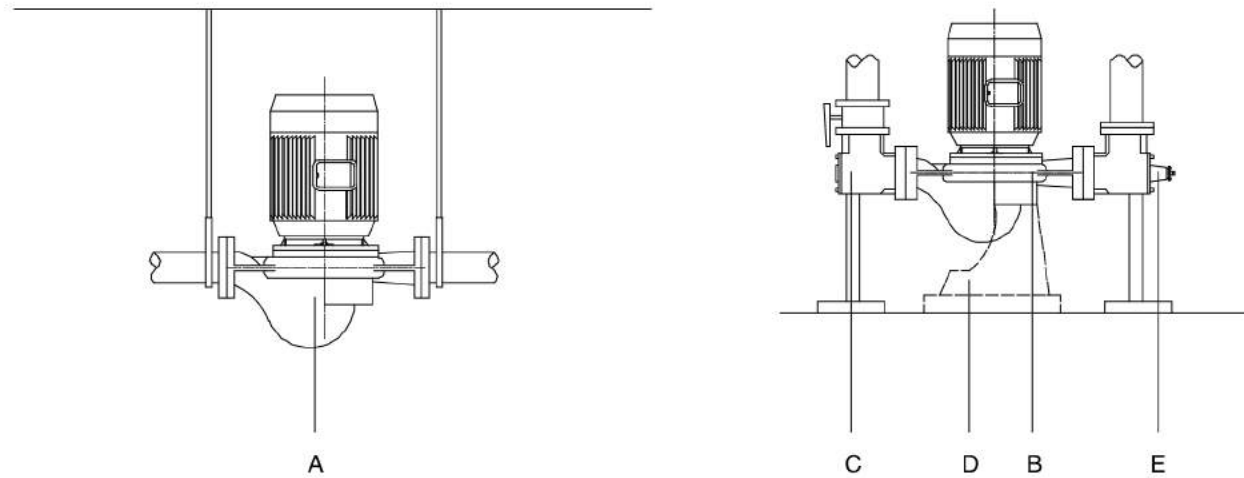
Model 型号	KW 功率	h1	L1	F	G	L	n2x2	n1x1	s1	DN	D	K	n-d	b
PFG125-320/4	15	240	235	360	740	795	200x250	250x300	18	125	250	210	8-φ18	26
	18.5	240	235	360	740	825	200x250	250x300	18	125	250	210	8-φ18	26
	22	240	235	360	740	865	200x250	250x300	18	125	250	210	8-φ18	26
PFG125-400/4	30	240	237	360	740	897	200x250	250x300	18	125	250	210	8-φ18	26
	22	240	249	380	810	879	200x250	250x300	18	125	250	210	8-φ18	26
	30	240	249	380	810	909	200x250	250x300	18	125	250	210	8-φ18	26
PFG150-200/4	37	240	284	380	810	964	200x250	250x300	18	125	250	210	8-φ18	26
	45	240	284	380	810	989	200x250	250x300	18	125	250	210	8-φ18	26
	7.5	260	202	360	740	632	200x250	250x300	18	150	285	240	8-φ22	26
PFG150-260/4	11	260	234	360	740	739	200x250	250x300	18	150	285	240	8-φ22	26
	15	260	238	360	760	798	200x250	250x300	18	150	285	240	8-φ22	26
	18.5	260	238	360	760	822	200x250	250x300	18	150	285	240	8-φ22	26
PFG150-320/4	22	260	238	360	760	862	200x250	250x300	18	150	285	240	8-φ22	26
	30	260	241	360	760	892	200x250	250x300	18	150	285	240	8-φ22	26
	15	260	249	400	895	809	340x340	420x420	18	150	285	240	8-φ22	26
PFG150-400/4	18.5	260	249	400	895	839	340x340	420x420	18	150	285	240	8-φ22	26
	22	260	249	400	895	879	340x340	420x420	18	150	285	240	8-φ22	26
	30	260	249	400	895	909	340x340	420x420	18	150	285	240	8-φ22	26
PFG200-200/4	37	260	284	400	895	964	340x340	420x420	18	150	285	240	8-φ22	26
	45	260	284	400	895	989	340x340	420x420	18	150	285	240	8-φ22	26
	55	260	284	400	850	1054	250x300	300x350	18	150	285	240	8-φ22	26
PFG200-260/4	75	260	284	400	850	1129	250x300	300x350	18	150	285	240	8-φ22	26
	11	280	261	400	840	766	340x340	420x420	18	200	340	295	12-φ22	28
	15	280	261	400	840	821	340x340	420x420	18	200	340	295	12-φ22	28
PFG200-320/4	18.5	280	261	400	840	851	340x340	420x420	18	200	340	295	12-φ22	28
	18.5	280	248	380	830	838	250x300	300x350	18	200	340	295	12-φ22	30
	22	280	248	380	830	878	250x300	300x350	18	200	340	295	12-φ22	30
OTHERS	30	280	248	380	830	908	250x300	300x350	18	200	340	295	12-φ22	30
	30	300	250	430	920	910	340x340	420x420	18	200	340	295	12-φ22	30
	37	300	285	430	920	965	340x340	420x420	18	200	340	295	12-φ22	30
OTHERS	45	300	285	430	920	990	340x340	420x420	18	200	340	295	12-φ22	30
	55	300	285	430	920	1055	340x340	420x420	18	200	340	295	12-φ22	30



# VERTICAL SINGLE-STAGE INLINE PUMP

PFG SERIES / 立式管道泵 PFG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

PFG SERIES / 立式管道泵 PFG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 <sup>3</sup> /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	1609344.0	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 <sup>3</sup> 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

PFG

PFG40

PFG50

PFG65

PFG80

PFG100

PFG125

PFG150

PFG200

OTHERS





