



# 专业螺杆泵制造商

Professional Single Screw Pump Manufacturer

申贝螺杆泵  
ShenBei Single Screw Pump



上海申贝泵业制造有限公司  
Shanghai Shenbei Pump Manufacture Co., Ltd.

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中石化供应商

供应商编码: 41939680

# 申贝螺杆泵

ShenBei Single Screw pump

## 申贝泵业 Shenbei Pump Manufacture



ISO 9001:2000 质量体系认证

申贝泵业是专业从事计量泵、高压往复泵、螺杆泵等特种泵类产品的开发、生产的现代化泵阀企业。严格按照企标ISO9001国际质量管理体系为标准生产。重质量、守信用。

公司实力雄厚，检测设备精良，试验手段完善。聚焦了一批高素质的科技和管理人才，形成明显的人力资源优势和强大的技术优势，并逐步同国际制泵水平接轨。公司产品广泛用于化工、制药、石油、电镀、环保、印染、食品、暖通等行业并得到一致好评。

公司全体员工将以“和、诚、干、学”为精神、市场需求为目标、不断开拓进取，用自己的努力为公司争得信誉，为自己的发展拓展空间。在国内外激烈的市场竞争中，随着业务不断的发展，我们将一如既往地本着“质量第一，用户至上；开拓进取、追求卓越；以一切为了用户满意”的经营理念，提高产品质量及完善售后服务体系，努力为客户提供最优质的服务和回报各界对我公司的厚爱。申贝公司将不懈努力，为您提供优质的产品和优质的售后服务。申贝愿同国内外新老用户竭诚合作、共同发展。

“申贝”人时刻把握瞬息时机，向着未来勇敢的冲击。衷心欢迎海内外同仁，新老客户前来合作，携手共绘明天蓝图！

Shen Bei pump is a modernization pump company, which professionally undertake researching and manufacture several special type pump, such as metering pump , high-pressure reciprocating pump ,screw pump and so on, The product is strict according to company standard and ISO9001 international quality management system. Paying regard to quality and keeping faith. Close corporation with many scientific research organization in domestic, which makes our products having a ready market at home and overseas.

The machine of checking and measure are all of exactitude and the ways of research are perfect. So many talents of high makings of technology and management assembled, which formed obvious advantage of people resource and technology. Then joint the international level of producing pump. The product widely use in several fields, such as chemistry industry, pharmacy, petroleum, galvanization, environment protection, printing and dyeing, food, heating and so on.

Shen bei people always hold any opportunity to create nice future and heartfelt welcome coterie national or international and fresh or familiar customer to cooperate with each other, painting a blue-future together.

## 2. 申贝螺杆泵

## ShenBei Single Screw Pump

### 工作特点

- 适应范围广，可输送一切流动甚至非流动性物料
- 可双向旋转，双向输送
- 流量压力稳定，无脉动
- 流量与转速成正比，可用作计量投加
- 工作噪音小，无泄露，无温升，寿命长，运行维护成本低

### 输送介质

- 各种粘度的流体，特别是高粘度难输送的介质（达 $106\text{ mm}^2/\text{s}$ ）
- 各种浓度的流体及经过分离脱水的干物料
- 含固体颗粒（达70%）、纤维（达350mm）和悬浮物的介质
- 流体、气体和固体的混合物
- 不能受搅动、剪切和挤压的敏感性流体
- 腐蚀性介质（PH=0-14）
- 高低温介质（-10-150℃）

### 应用领域

#### 环境工程

- 油水分离及废气工程
- 絮凝剂及化学制剂的计量投加
- 脱水污泥输送
- 各种污水输送

#### 造纸行业

- 渣浆及废水处理
- 化学计量
- 涂布和着色过程
- 原料制备

#### 石油化工

- 稠油输送
- 油气混输
- 油水分离和废油回收系统
- 污水处理
- 聚合物输送

#### 点解液处理

- 化工及制药
- 各类膏状物
- 各类乳状物
- 各类悬浮物
- 各类含气，含固液体
- 各类不能受搅动和剪切的介质

#### 矿产工程

- 水煤浆制备与输送
- 钛白粉、高岭土、碳酸钙等的生产制备
- 给旋流体、过滤体喂料
- 化学投加
- 装料及灌浆

#### 食品工程

- 乳制品
- 果汁、果泥、菜浆
- 肉糜和调味品
- 啤酒和酿造

### Working Features

- Wide application, deliver all kinds of fluid media, even non-fluid ones
- Bilateral rotation and delivery
- Stable capacity and pressure, no pulse
- Capacity is proportional to speed, so the pump can be used as dosing pump
- Low operated noise, no-leakage and no temperature rise
- Long life, low cost of operation maintenance

### Delivery Media

- Different viscous liquids, especially for the liquids with high viscosity which are difficult to be pumped. (up to  $106\text{ mm}^2/\text{s}$ )
- Different dense liquids and dewatered dry medium
- Liquids with solid particles (up to 70%), fibers (up to 350mm) and suspending media
- Intermixtures of liquid, air and solid
- Sensitive liquids that can not be churned, sheared and compressed
- Corrosive liquids (PH=0-14)
- Fluid at high or low temperature (-10-150℃)

### Application Area

#### Environmental engineering

- Separate oil from water and desulfurize from waste air
- Metering and dosing flocculation and other chemical compound
- Delivery of dewatered sludge
- Delivery of all kinds of sewage

#### Paper Making Industry

- Dregs slurry and waste water treatment
- Metering for chemical slurry
- Spreading and coloring process
- Preparing for material

#### Oil Industry

- Viscous oil delivery
- Mixed delivery of oil and air
- Separating oil from water and waste oil recovery system
- Sewage treatment
- Polymer delivery

#### Electrolyte Treatment

- Chemical and pharmaceutical industry
- Various pasted liquids
- Various milky liquids
- Various suspending liquid
- Liquids with air or solid
- Liquids which can not be churned or sheared

#### Mine Industry

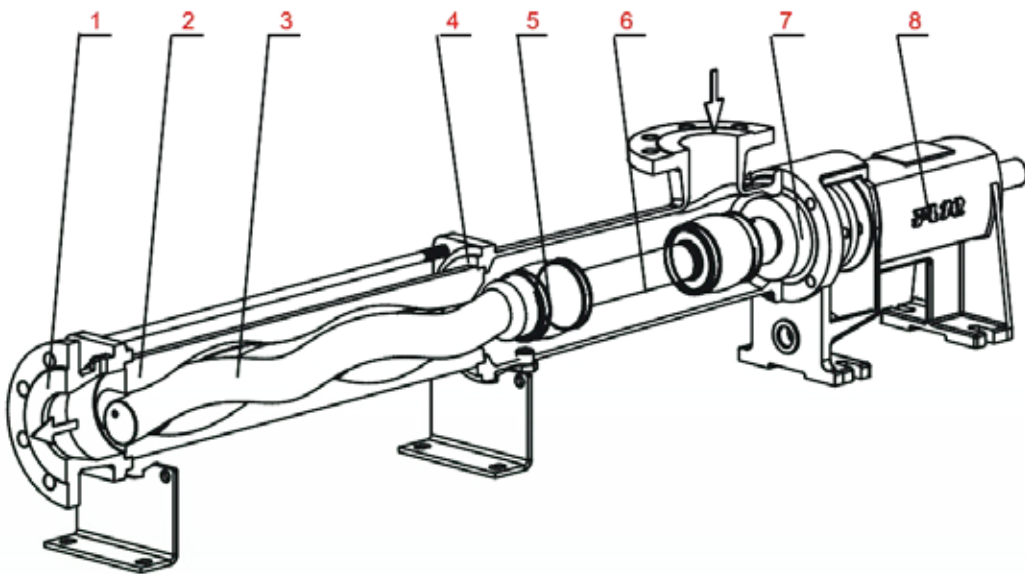
- Preparing and delivering the water and coal slurry
- Producing and preparing the titanium white powder, kaolin and carbonate
- Feeding whirl fluid body and filtrate body on material
- Dosing chemical slurry
- Loading and grouting

#### Fooding Industry

- Milk products
- Fruit juice, mashed fruit, vegetable slurry
- Meat gruel and flavoring
- Beer and brewing industry

### 3. 单螺杆泵的基本结构

### Basic Structure of Single Screw Pump



1 排出体 Discharge casing 2 定子Stator 3 转子Rotor 4 吸入室 Suction chamber 5 万向节 Universal joint 6 中间轴 Intermediate shaft 7 轴封部件 Axial seal components 8 轴承座部件 Components of bearing pedestal

### 4. 单螺杆泵的类型

### Model of Single Screw Pump

**企业标识**  
S - 申贝泵业

**系列代号**  
G - 标准导程系列  
L - 长导程系列  
P - 喷浆泵系列  
Y - 高转矩系列

**结构**  
B - 标准卧式

**材料或特性**  
K - 快换螺纹接口  
w - 食品卫生型  
H - 带“破桥”松料器  
N - 带喂料器  
S - 带松动桨  
D - 短式  
L - 立式  
Z - 轴承座式结构  
J - 直连式结构

**Corporate logo**  
S - ShenBei Pump

**Code of series**  
G - Standard lead series  
L - Long lead series  
P - Slurry spout pu -mp series  
Y - High torque series

**Structure**  
K - Quick-assembled thread connection  
w - Hygienic food style  
H - With 'broken bridge' and feeder  
N - With feeder  
S - With loosing propeller  
D - Large short style  
L - Verticle style  
B - Standard horizontal

**Materials or Features**  
Q - Others  
A - Special for CWS  
M - 1Cr18Ni12Mo2Ti  
F - 1Cr18Ni9Ti  
P - Ordinary (carbon steel, cast iron)

**S G 050 B 02 Z P**

**规格代号**

SG	SL	SP	SY
501	001	030	030
502	002	035	035
503	005	040	040
504	008	050	050
505	014	060	060
515	024	070	070
520	041	085	085
	069		105
030	115		135
035			150
040			170
050			220
060			
070			
085			
105			
135			
150			
170			
220			

**压力等级或级数 (导程数)**

SG
01
02
03
04
XL
06
XP
06
12
18

**Code of specification**

SG	SL	SP	SY
501	001	030	030
502	002	035	035
503	005	040	040
504	008	050	050
505	014	060	060
515	024	070	070
520	041	085	085
	069		105
030	115		135
035			150
040			170
050			220
060			
070			
085			
105			
135			
150			
170			
220			

**Head or pressure**

SG
01
02
03
04
XL
06
XP
06
12
18

**Structure**

Z - Bearing pedestal structure  
J - Direct-coupled structure

## 5. 单螺杆泵的常用型式

## Usual Style of Single Screw Pump



## ■ 卧式

## Horizontal Style

## 直连式

减速机（或电动机）直接驱动，结构紧凑，长度较短。  
 最大流量：400m<sup>3</sup>/h  
 最大压力：2.4MPa或更高

## Direct-coupled

Reducer(or motor) is directly driven,  
 Compact structure and shorter length  
 Capacity (max):400m<sup>3</sup>/h  
 Pressure (mix):2.4MPa or higher

## 轴承座式

减速机（或电动机）通过轴承座驱动，承载能力强，刚性好。  
 最大流量：500m<sup>3</sup>/h  
 最大压力：2.4MPa或更高

## Bearing pedestal

Reducer(or motor) is directly driven through bearing pedestal  
 Strong load-bearing ability,good rigidity  
 Capacity (max):500m<sup>3</sup>/h  
 Pressure (mix):2.4MPa or higher

## ■ 立式

## Vertical Style

有基座式、壁挂式、吊装式、插桶式等多种安装形式，可用于池、井、涵洞等场所。  
 最大流量：500m<sup>3</sup>/h  
 最大压力：2.4MPa或更高  
 安装长度：按需要决定

## Vertical

There are various installation types,such as foundation installed on the wall, hoisting, inserted in the barrel. The pump can used in pond, well, culvert and so on.

Capacity (max):500m<sup>3</sup>/h  
 Pressure (mix):2.4MPa or higher  
 The length of installation is dependent on your requirements



### ■ 车载式

### Pump with a go-cart

泵置于移动小车上，有立式、卧式和搅拌式。  
最大流量：30m<sup>3</sup>/h  
最大压力：2.4MPa或更高

#### Pump with a go-cart

This pump is installed on the trolley;  
There are vertical, horizontal and stirring  
Capacity (max):500m<sup>3</sup>/h  
Pressure (mix):2.4MPa or higher



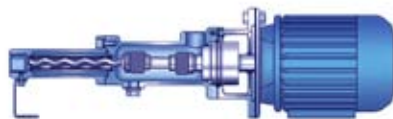
### ■ 喂料式

### Pump with a feeder

适用于输送浓缩、脱水污泥等非流动性物料，吸入室带矩形料斗和螺旋送料器。  
最大流量：50m<sup>3</sup>/h  
最大压力：2.4MPa或更高

#### Pump with a feeder

Deliver concentrated, dewatered sludge and other non-fluid medium;  
With rectangular hopper and feeder  
Capacity (max):50m<sup>3</sup>/h  
Pressure (mix):2.4MPa or higher



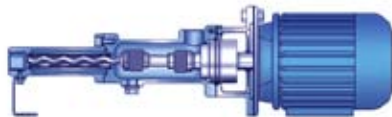
### ■ 微型计量式

### Micro metering style

适用于小流量输送粘稠物料，带调速装置可用于化学介质计量投加。  
最大流量：0.03 L/min  
最大压力：1.2MPa或更高

#### Micro metering style

Deliver viscous media at low capacity  
With adjustable speed device the pump can be used to meter and dose chemicals  
Capacity (max):0.03 L/min  
Pressure (mix):1.2MPa or higher



### ■ 破桥式 "Broken-bridge" style

用于输送有“搭桥”效应的非流动性物料，吸入室带加大矩形进料斗。

最大流量：50m<sup>3</sup>/h

最大压力：2.4MPa或更高

"Broken-bridge" style

Used for the unfluid media with "building bridge" effect, Suction chamber with enlarge rectangular hopper.

Capacity (max):50m<sup>3</sup>/h

Pressure (mix):2.4MPa or higher

### ■ 喂料式 Pump with a feeder

适用于输送浓缩、脱水污泥等非流动性物料，吸入室带矩形料斗和螺旋送料器。

最大流量：50m<sup>3</sup>/h

最大压力：2.4MPa或更高

Pump with a feeder

Deliver concentrated, dewatered sludge and other non-fluid medium;

With rectangular hopper and feeder

Capacity (max):50m<sup>3</sup>/h

Pressure (mix):2.4MPa or higher

### ■ 微型计量式 Micro metering style

适用于小流量输送粘稠物料，带调速装置可用于化学介质计量投加。

最大流量：0.03 L/min

最大压力：1.2MPa或更高

Micro metering style

Deliver viscous media at low capacity

With adjustable speed device the pump can be used to meter and dose chemicals

Capacity (max):0.03 L/min

Pressure (mix):1.2MPa or higher







泵性能参数  
SG - 系列Performance Data of Single Screw Pump  
SG - Series

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。

The power in the table indicates that of motor under related pressure, When the max pressure related one, the matching power of motor can be decreased.

泵型号 Model of Pump	额定 压力	转 速 Speed r/min															
		604		533		467		408		366		324		292		262	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	M <sup>3</sup> / kW	
SG030 SP030	0.6	2.4	1.1	2.0	0.75	1.8	0.75	1.5	0.75	1.3	0.55	1.2	0.55	1.0	0.37	0.9	0.37
	1.2	2.4	2.2	2.1	1.5	1.8	1.5	1.6	1.1	1.4	1.1	1.2	1.1	1.1	0.75	1.0	0.75
	1.8	2.4	3	2.1	2.2	1.8	2.2	1.6	2.2	1.4	1.5	1.2	1.5	1.1	1.5	1.0	1.1
	2.4	2.4	4	2.1	3	1.8	3	1.6	2.2	1.4	2.2	1.2	2.2	1.1	2.2	1.0	1.5
SG035 SP035	0.6	4.1	1.5	3.5	1.5	3.1	1.1	2.6	1.1	2.3	0.75	2.0	0.75	1.8	0.75	1.6	0.55
	1.2	4.1	3	3.6	3	3.1	2.2	2.7	2.2	2.4	2.2	2.1	1.5	1.9	1.5	1.7	1.1
	1.8	4.1	4	3.6	4	3.1	3	2.7	3	2.4	3	2.1	2.2	1.9	2.2	1.7	2.2
	2.4	4.1	5.5	3.6	5.5	3.1	5.5	2.7	4	2.4	4	2.1	3	1.9	3	1.7	3
SG040 SP040	0.6			7.0	3	6.1	2.2	5.2	2.2	4.6	2.2	4.1	1.5	3.6	1.5	3.2	1.1
	1.2			7.2	5.5	6.3	5.5	5.4	4	4.8	4	4.3	3	3.8	3	3.4	2.2
	1.8			7.2	7.5	6.3	7.5	5.4	5.5	4.8	5.5	4.3	5.5	3.8	4	3.4	4
	2.4			7.2	11	6.3	11	5.4	7.5	4.8	7.5	4.3	7.5	3.8	5.5	3.4	5.5
SG050 SP050	0.6			14.1	5.5	12.4	5.5	10.5	4	9.3	4	8.1	3	7.2	3	6.4	2.2
	1.2			14.2	11	12.4	11	10.8	7.5	9.6	7.5	8.5	7.5	7.6	5.5	6.8	5.5
	1.8			14.2	15	12.4	15	10.8	11	9.6	11	8.5	11	7.6	7.5	6.8	7.5
	2.4			14.2	18.5	12.4	18.5	10.8	15	9.6	15	8.5	15	7.6	11	6.8	11
SP060	0.6					17.6	7.5	15.0	5.5	13.3	5.5	11.6	5.5	10.3	4	9.9	4
	1.2					18.1	15	15.7	11	14.0	11	12.4	11	11.1	7.5	9.9	7.5
	1.8					18.1	18.5	15.7	18.5	14.0	15	12.4	15	11.1	15	9.9	11
	2.4					18.1	30	15.7	22	14.0	22	12.4	18.5	11.1	15	9.9	15
SG070 SP070	0.6					24.4	11	20.7	7.5	18.4	7.5	16.0	7.5	14.2	5.5	12.6	5.5
	1.2					25.1	18.5	21.8	15	19.4	15	17.1	15	15.4	13.7	13.7	11
	1.8					25.1	30	21.8	22	19.4	22	17.1	18.5	15.4	18.5	13.7	15
	2.4					25.1	37	21.8	30	19.4	30	17.1	30	15.4	22	13.7	18.5
SG085 SP085	0.6									38.2	15	33.1	11	29.2	11	25.6	11
	1.2									40.0	30	35.2	30	31.5	22	28.1	18.5
	1.8									40.0	45	35.2	37	31.5	30	28.1	30
	2.4									40.0	55	35.2	45	31.5	45	28.1	37
SG105	0.6													59.5	22	52.6	18.5
	1.2													63.5	45	56.8	37
	1.8													63.5	75	56.8	55
	2.4													63.5	90	56.8	75
SG135	0.6															105.5	37
	1.2															117	75
	1.8															117.3	132
	2.4															117.3	160
SG150	0.6																
	1.2																
	1.8																
	2.4																
SG170	0.6																
	1.2																
	1.8																
	2.4																
SG220	0.6																
	1.2																
	1.8																
	2.4																

泵性能参数 Performance Data of Single Screw Pump  
SG - 系列 SG - Series

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。

The power in the table indicates that of motor under related pressure, When the max pressure related one, the matching power of motor can be decreased.

泵型号 Model of Pump	额定 压力	转 速 Speed r/min															
		238		196		156		137		110		88		70		56	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
MPa	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	
SG030 SP030	0.6	0.8	0.37	0.7	0.55												
	1.2	0.9	0.75	0.7	0.55												
	1.8	0.9	1.1	0.7	0.75												
	2.4	0.9	1.5	0.7	1.1												
SG035 SP035	0.6	1.4	0.55	1.1	0.55												
	1.2	1.6	1.1	1.3	1.1												
	1.8	1.6	2.2	1.3	1.5												
	2.4	1.6	2.2	1.3	2.2												
SG040 SP040	0.6	2.9	1.1	2.3	1.1	1.8	0.75										
	1.2	3.1	2.2	2.5	2.2	2.0	1.5										
	1.8	3.1	3	2.5	3	2.0	2.2										
	2.4	3.1	4	2.5	4	2.0	3										
SG050 SP050	0.6	5.7	2.2	4.6	2.2	3.6	1.5										
	1.2	6.2	4	5.1	4	4.0	3										
	1.8	6.2	7.5	5.1	5.5	4.0	4										
	2.4	6.2	11	5.1	7.5	4.0	5.5										
SP060	0.6	8.1	3	6.6	3	5.2	2.2										
	1.2	8.9	7.5	7.3	5.5	5.8	4										
	1.8	8.9	11	7.3	7.5	5.8	7.5										
	2.4	8.9	15	7.3	1.1	5.8	11										
SG070 SP070	0.6	11.3	4	9.2	4	7.2	3	6.2	2.2								
	1.2	12.4	11	10.2	7.5	8.0	5.5	7.0	5.5								
	1.8	12.4	15	10.2	11	8.0	11	7.0	7.5								
	2.4	12.4	18.5	10.2	15	8.0	11	7.0	11								
SG085 SP085	0.6	22.8	7.5	18.3	7.5	14.2	5.5	12.2	4	9.6	3						
	1.2	25.3	18.5	20.7	15	16.4	11	14.3	11	11.4	7.5						
	1.8	25.3	30	20.7	22	16.4	18.5	14.3	15	11.4	11						
	2.4	25.3	37	20.7	30	16.4	22	14.3	18.5	11.4	15						
SG105	0.6	47.1	15	38.2	15	30.0	11	25.9	11	20.5	7.5	16.2	5.5				
	1.2	51.4	37	42.2	30	33.5	22	29.3	18.5	23.5	15	18.7	15				
	1.8	51.4	55	42.2	45	33.5	37	29.3	30	23.5	30	17.9	18.5				
	2.4	51.4	75	42.2	55	33.5	45	29.3	37	23.5	30	18.7	30				
SG135	0.6	93.6	37	75.2	30	58.4	22	50.0	18.5	39.1	15	30.4	11	23.5	11		
	1.2	106.1	75	87.0	55	68.9	45	60.3	45	48.2	37	38.4	30	30.4	22		
	1.8	106.1	110	87.0	90	68.9	75	60.3	75	48.2	55	38.4	37	30.4	30		
	2.4	106.1	160	87.0	110	68.9	90	60.3	90	48.2	75	38.4	55	30.4	45		
SG150	0.6	165.4	55	134.6	45	105.8	37	91.8	30	72.8	30	57.5	22	45.1	15	35.6	15
	1.2	178.4	132	146.4	110	116.1	75	101.7	75	81.3	55	64.9	45	51.4	37	41.0	30
	1.8	178.4	200	146.4	160	116.1	110	101.7	110	81.3	90	64.9	75	51.4	55	41.0	45
	2.4	178.4	250	146.4	200	116.1	160	101.7	132	81.3	110	64.9	90	51.4	75	41.0	55
SG170	0.6	260.0	90	211.6	75	166.4	55	144.4	55	114.5	37	90.5	30	71.1	30	56.1	18.5
	1.2	276.8	200	227.2	132	180.2	110	157.7	110	126.2	75	100.6	75	79.8	55	63.6	37
	1.8			227.2	200	180.2	160	157.7	160	126.2	110	100.6	90	79.8	75	63.6	75
	2.4			227.2	280	180.2	220	157.7	200	126.2	160	100.6	132	79.8	110	63.6	75
SG220	0.6			479.6	160	378.1	132	328.9	110	261.6	90	207.2	75	163.2	55	129.3	45
	1.2			511.1	315	405.9	250	355.7	220	285.0	200	227.5	132	180.5	110	144.1	90
	1.8					405.9	400	355.7	315	285.0	280	227.5	220	180.5	200	144.1	132
	2.4					405.9	500	355.7	450	285.0	355	227.5	280	180.5	220	144.1	200

## 泵性能参数 Performance Data of Single Screw Pump

### SL - 系列 (长导程泵)

### SL - Series

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。

The power in the table indicates that of motor under related pressure, When the max pressure related one, the matching power of motor can be decreased.

泵型号 Model of Pump	压力	转 速 Speed r/min															
		605		533		467		408		366		324		292		262	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
		M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW	M <sup>3</sup> /h	kW
SL001	0.6	1.7	0.75	1.5	0.55	1.3	0.55	1.1	0.55	1.0	0.37	0.8	0.37	0.8	0.37	0.7	0.37
SL002	0.6	4.0	2.2	3.4	2.2	2.9	1.5	2.5	1.1	2.1	1.1	1.8	1.1	1.6	0.75	1.4	0.75
SL005	0.6	12.1	5.5	10.4	5.5	8.8	4	7.5	4	6.5	3	5.6	3	4.9	2.2	4.3	2.2
SL008	0.6			16.9	7.5	14.4	7.5	12.3	5.5	10.7	5.5	9.2	4	8.0	4	7.0	3
SL014	0.6					27.5	11	23.5	11	21	7.5	18	7.5	16	7.5	14	5.5
SL024	0.6					47.8	18.5	40.8	15	36	15	31	11	27	11	24	11
SL041	0.6									62	30	54	18.5	47	18.5	41	15
SL047	0.6									71.3	30	62.1	18.5	54	18.5	47.2	15
SL069	0.6									105	37	90	30	79	30	69	30
SL115	0.6													159	45.0	143	37.0
SL168	0.6															216	55.0
SL320	0.6																

## SG - 系列 (微型计量泵)

### SG - Series(Micro-metering Pump)

泵型号 Model of Pump	压力	转 速 Speed r/min															
		1400		1200		1000		900		790		690		604		533	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
		l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW
SG501	1.2	0.102	0.25	0.09	0.25	0.07	0.25	0.06	0.25	0.05	0.25	0.04	0.25	0.04	0.25	0.03	0.25
SG502	1.2	0.28	0.25	0.24	0.25	0.19	0.25	0.17	0.25	0.14	0.25	0.12	0.25	0.10	0.25	0.09	0.25
SG502.1	1.2	0.72	0.25	0.62	0.25	0.50	0.25	0.43	0.25	0.36	0.25	0.30	0.25	0.25	0.25	0.22	0.25
SG503	1.2	1.37	0.25	1.18	0.25	0.96	0.25	0.84	0.25	0.72	0.25	0.61	0.25	0.52	0.25	0.46	0.25
SG504	1.2	3.65	0.25	3.13	0.25	2.57	0.25	2.28	0.25	1.98	0.25	1.70	0.25	1.47	0.25	1.29	0.25
SG505	1.2	6.39	0.37	5.48	0.37	4.56	0.37	4.11	0.37	3.61	0.37	3.15	0.37	2.76	0.37	2.43	0.37
SG515	0.6																
	1.2																
	1.8																
	2.4																
SG520	0.6																
	1.2																
	1.8																
	2.4																

## 泵性能参数 Performance Data of Single Screw Pump

## SL - 系列 (长导程泵)

## SL - Series

表列功率为额定压力下的配套电机功率，最大工作压力低于额定压力时，配套功率可适当减小。

The power in the table indicates that of motor under related pressure, When the max pressure related one, the matching power of motor can be decreased.

泵型号 Model of Pump	压力	转 速 Speed r/min															
		238		196		156		137		110		88		70		56	
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
MPa	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	m <sup>3</sup> /h	kW	
SL001	0.6																
SL002	0.6																
SL005	0.6	3.7	2.2														
SL008	0.6	6.1	3	4.9	2.2												
SL014	0.6	12	5.5	10	4	7	3										
SL024	0.6	21	7.5	17	7.5	13	5.5	11	4								
SL041	0.6	37	15	29	11	23	7.5	19	7.5	15	5.5						
SL047	0.6	42.8	15	35	15	28	11	25	7.5	20	7.5						
SL069	0.6	61	22	49	18.5	38	15	33	11	25	11	20	7.5				
SL115	0.6	130	37.0	107	30.0	85	22.0	75	18.5	60	18.5	48	15.0	38	11.0	31	11.0
SL168	0.6	196	55.0	161	45.0	128	37.0	113	30.0	91	22.0	72	18.5	58	15.0	46	11.0
SL320	0.6	378	88.7	311	75.0	248	75.0	217	55.0	175	45.0	140	37.0	111	30.0	89	22.0
SL530	0.6			511	160.0	407	110.0	357	90.0	287	75.0	230	55.0	183	45.0	146	37.0

## SG - 系列 (微型计量泵)

## SG - Series(Micro-metering Pump)

泵型号 Model of Pump	压力	转 速 Speed r/min															
		467		408		366		324		292		238					
		Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P		
MPa	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW			
SG501	1.2	0.03	0.25	0.02	0.25	0.02	0.25										
SG502	1.2	0.07	0.25	0.06	0.25	0.05	0.25										
SG502.1	1.2	0.19	0.25	0.16	0.25	0.13	0.25										
SG503	1.2	0.39	0.25	0.33	0.25	0.29	0.25										
SG504	1.2	1.12	0.25	0.96	0.25	0.85	0.25										
SG505	1.2	2.13	0.37	1.86	0.37	1.67	0.37										
SG515	0.6	5.52	0.55	4.66	0.55	4.03	0.55	2.98	0.55								
	1.2	6.02	0.75	5.19	0.55	4.60	0.55	3.57	0.55								
	1.8	6.02	1.1	5.19	1.1	4.60	0.75	3.57	0.75								
	2.4	6.02	1.5	5.19	1.1	4.60	1.1	3.57	0.75								
SG520	0.6	12.13	0.75	9.72	0.55	7.94	0.75	5.08	0.55	4.00	0.55	3.13	0.55				
	1.2	12.41	1.1	10.35	0.75	8.83	0.75	6.33	0.75	5.36	0.55	4.58	0.55				
	1.8	12.41	1.5	10.35	1.1	8.83	1.1	6.33	1.1	5.36	0.75	4.58	0.75				
	2.4	12.41	1.5	10.35	1.5	8.83	1.5	6.33	1.1	5.36	0.75	4.58	0.75				



泵型 Type	转速 Speed r/min	减速机型号 Reducer	电动机型号 Motor	安装尺寸 Installation Dimensions													进口法兰 Inlet Flange					出口法兰 Outlet Flange					距维 离修																					
				L	L1	L2	L3×n	L4	L5	n-φd	B1	T	H	H1	H2	DNI	Q1	D1	P1	Z1-d1	DNI	Q2	D2	P2	Z3-d2	s																						
SG035B03Z	467,366	JZS160	Y100L2-4/3	2106	943	2000	860×2	40	62	6-φ14	300	180	380	230	365	65	145	185	20	4-φ18	65	145	185	20	4-φ18	550																						
	324,292,238	G811	Y100L1-4/2.2	2050	943	1600	640×2	40	62	6-φ14	240	210	410	230	365	65	145	185	20	4-φ18	65	145	185	22	8-φ18	710																						
SG035B04Z	467	JZS160	Y132S-4/5.5	2424	1148	2200	860×2	40	62	6-φ14	300	210	380	230	365	65	145	185	20	4-φ18	65	145	185	22	8-φ18	710																						
	366		190																																													
	324,292		180																																													
	238,196		180																																													
SG040B01Z	467,366	G811	Y100L1-4/2.2	1750	640	1300	1120×1	40	62	4-φ14	240	180	380	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	280																						
	292		1720	155	390	210	345	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	480																					
	467		2109	210	410	230	365	210	410	230	365	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	670																						
	366,324		2054	190	380	230	365	190	380	230	365	190	380	230	365	80	160	200	20	8-φ18	80	160	200	24	8-φ18	670																						
SG040B03Z	292	JZS160	Y100L2-4/3	2034	840	1800	760×2	110	80	6-φ14	300	210	410	230	365	80	160	200	20	8-φ18	80	160	200	24	8-φ18	670																						
	238,196		180																																													
	467		2421	255								510															280	445	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	870					
	366,324		2381	210								440															260	425	210	440	260	425	210	440	260	425	80	160	200	20	8-φ18	80	160	200	24	8-φ18	870	
SG040B04Z	292	JZS160	Y112M-4/4	2326	1114	2200	640×3	125	90	6-φ14	300	190	410	230	365	80	160	200	20	8-φ18	80	160	200	24	8-φ18	870																						
	238,196		180																																													
	467		2867	255								510															280	445	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	870					
	366,324		2781	210								440															260	425	210	440	260	425	210	440	260	425	80	160	200	20	8-φ18	80	160	200	24	8-φ18	870	
SG050B01Z	292	JZS160	Y132S-4/5.5	2741	1390	2400	700×3	125	90	6-φ14	300	190	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	340																						
	238,196		180																																													
	467		2036	210								410															230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	340				
	366		1981	190								380															230	365	190	380	230	365	190	380	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	340	
SG050B02Z	292	JZS160	Y100L2-4/3	1961	765	1700	760×2	55	80	6-φ14	300	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	580																						
	238,196		180																																													
	467		2405	255								480															280	415	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	580
	366,324		2319	210								410															230	365	210	410	230	365	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	580	
SG050B03Z	292,238	JZS160	Y132S-4/5.5	2279	1006	2000	860×2	40	80	6-φ14	300	190	380	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	840																						
	196		180																																													
	467		2424	255								480															280	415	210	410	230	365	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	840
	324		2880	210								410															230	365	210	410	230	365	210	410	230	365	80	160	200	20	8-φ18	80	160	200	24	8-φ18	840	

申贝螺杆泵

泵型 Type	转速 Speed r/min	减速机 型号 Reducer	电动机型号 Motor	安装尺寸 Installation Dimensions													进口法兰 Inlet Flange				出口法兰 Outlet Flange				距维 离修 s		
				L	L1	L2	L3×n	L4	L5	n-φd	B1	T	H	H1	H2	DNI	Q1	D1	P1	z1-d1	DNI	Q2	D2	P2		Z3-d2	
SG050B04Z	467	JZS200	Y180M-4/18.5	3310	1676	2800	840×3	120	90	8-φ18	350	285	530	310	460	80	200	20	8-φ18	80	160	200	24	8-φ18	1100		
	3280			510									440														
	262,238			255									440													440	
SG060B01Z	196	JZS160	Y132M-4/7.5	2990	916	2750	840×3	40	100	6-φ14	300	210	440	260	425	100	220	22	8-φ18	100	180	220	22	8-φ18	370		
	467			440									440														
	366,324			410									260													425	
SG060B02Z	292	JZS160	Y132S-4/5.5	2150	2000	860×2	960×2	40	100	6-φ14	300	190	410	260	425	100	220	22	8-φ18	100	180	220	22	8-φ18	660		
	238,196			400									400														
	467			510									280													445	
SG060B03Z	324	JZS200	Y160M-4/11	2730	1203	2200	960×2	40	100	6-φ18	370	255	510	280	445	100	220	22	8-φ18	100	180	220	22	8-φ18	950		
	292,238			440									260													425	
	196			2440									210													440	440
SG060B04Z	467	JZS160	Y180M-4/18.5	3200	1562	2650	790×3	120	120	6-φ18	350	285	530	310	460	100	220	22	8-φ18	100	180	235	24	8-φ22	1240		
	324			790×3									510													460	
	262,238			210									440													440	
SG070B01Z	196,156	JZS200	Y160M-4/11	3630	1965	3100	950×3	120	120	6-φ18	350	255	560	385	520	100	220	22	8-φ18	100	180	235	24	8-φ22	1240		
	467			790×3									510													280	445
	366,324			210									440													260	425
SG070B02Z	292	JZS160	Y132S-4/5.5	2300	1007	2200	640×3	130	110	6-φ14	300	210	440	260	425	125	250	22	8-φ18	125	210	250	22	8-φ18	730		
	238,196			190									410														
	467			255									280													445	
SG070B03Z	324	JZS200	Y180M-4/18.5	2980	1326	2400	700×3	40	110	6-φ18	370	255	510	280	460	125	250	22	8-φ18	125	210	250	22	8-φ18	730		
	262,238			210									440													260	440
	196			2660									210													440	440
SG070B04Z	467	JZS160	Y132M-4/7.5	2660	1707	2950	870×3	160	120	8-φ18	460	285	600	350	540	125	250	22	8-φ18	125	210	250	22	8-φ26	1050		
	292			580									550														
	324			600									350													540	

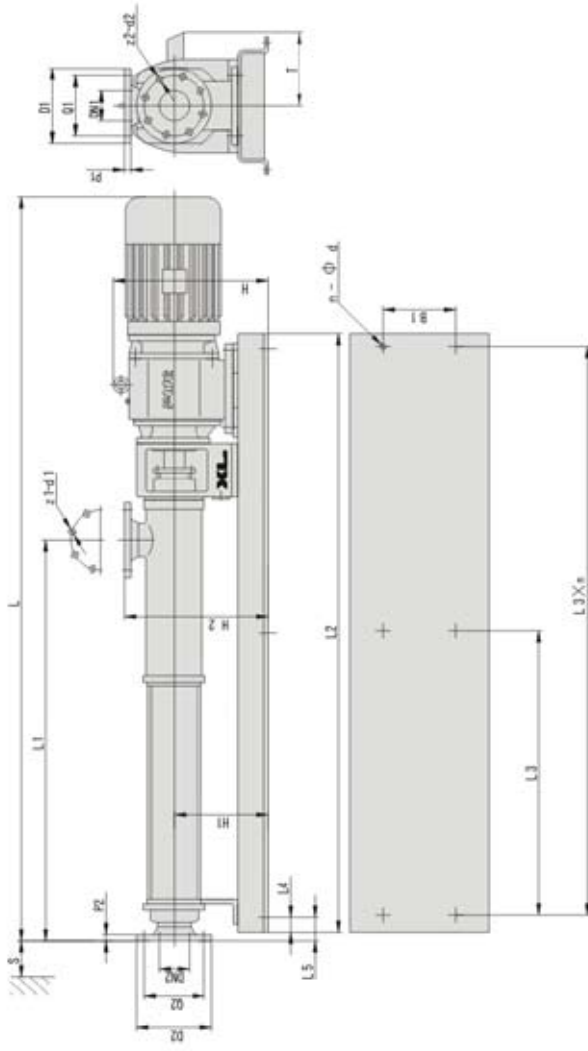






泵型 Type	转速 Speed r/min	减速机 型号 Reducer	电动机型号 Motor	安装尺寸 Installation Dimensions													进口法兰 Inlet Flange				出口法兰 Outlet Flange				距维 离修	
				L	L1	L2	L3×n	L4	L5	n-φd	B1	T	H	H1	H2	DN1	Q1	D1	P1	Z1-d1	DN1	Q2	D2	P2		Z3-d2
SG150B04Z	137	GR167	Y315M-4/132	7890	4816	6740	1460×4	450	160	8-φ18	500	530	850	435	730	250	355	405	26	12-φ26	250	370	425	32	12-φ30	3390
	110		Y315S-4/110																							
	88	GR147	Y280M-4/90	7560								385	790													
	70		Y280S-4/75	7510	6650							380														
	56		Y250M-4/55	7440									345													
SG170B01Z	196	GR147	Y280S-4/75	5120	2021	4260	990×4		160	10-φ24	380	410	790	535	730	250	355	405	25	12-φ26	250	355	405	26	12-φ26	1200
	156		Y250M-4/55	5040																						
	137	GR137	Y225S-4/37	4850								385	750													
	110		Y200L-4/30	4840	4170	960×4						420	310													
	88.70		Y180M-4/18.5	4770									285													
56																										
SG170B02Z	137	GR167	Y315S-4/110	6670	3201	5530	1060×5	115	100	8-φ18	500	530	850	435	730	250	355	405	26	12-φ26	250	355	405	26	12-φ26	2380
	110.88		Y280S-4/75	6290																						
	70	GR147	Y250M-4/55	6220								380	790													
	56		Y225S-4/37	6120																						
	137		Y315L1-4/160	8150																						
SG170B03Z	110	GR167	Y315S-4/110	4884	4884	6800	930×7	160	260	16-φ24	500	929	929	605	940	250	355	405	26	12-φ26	250	370	425	32	12-φ30	3430
	88		Y280M-4/90	7870																						
	70.56	GR167	Y280S-4/75	7820								410														
	56		Y280S-4/75	9250	6055	8150	980×8	160	260	18-φ24	500	530	929	605	980	250	355	405	26	12-φ26	250	370	425	32	12-φ30	4480
	137		Y315S-4/110	6460																						
SG220B01Z	88	GR167	Y280S-4/75	6200	3326	5060	950×5		310	12-φ24	500	530	850	605	940	300	410	460	28	12-φ26	300	410	460	28	12-φ26	1610
	110		Y280M-4/90	6090																						
	70	GR147	Y250M-4/55	5960								380	817													
	56		Y225M-4/45	5870																						
	56																									

直连架结构安装尺寸  
SL-J, SG-J 系列  
Installation Dimension of Direct Coupled Structure  
SL-J,SH-J - Series



泵型 Type	转速 Speed r/min	减速机型号 Reducer	电动机型号 Motor	安装尺寸 Installation Dimensions																进口法兰 Inlet Flange				出口法兰 Outlet Flange				维修 距离 S		
				L	L1	L2	L3x n	L4	L5	n-φd	B1	T	H	H1	H2	DN1	Q1	D1	P1	Z1-d1	DN1	Q2	D2	P2	Z3-d2					
SL002B06J	467	G811	Y90L-4/1.5	1260	528	800	620	40	58	4-φ14	240	155	280	172	265	50	125	165	20	4-φ18	50	125	165	20	4-φ18	360				
	408			1210	792	150	340	190	375	220	297	65	145	185	20	4-φ18	65	145	20	4-φ18	65	145	185	20	4-φ18	480				
	292			1200	820	240	180	320	172	277	277	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550			
SL005B06J	467	JFS160	Y113M-4/4	1510	762	1300	1120	40	60	4-φ14	300	190	375	220	345	65	145	185	20	4-φ18	65	145	185	20	4-φ18	480				
	366,324			1490	1000	820	240	180	320	172	277	277	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550		
	292,238			1510	1000	820	240	180	320	172	277	277	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550		
SL008B06J	467	JFS160	Y132M-4/7.5	1790	908	1500	660x2	40	65	6-φ14	300	190	380	230	345	65	145	185	20	4-φ18	65	145	185	20	4-φ18	480				
	366			1750	1200	1020	240	180	375	210	415	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550	
	324,292			1710	1200	1020	240	180	375	210	415	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550	
SL014B06J	238	G811	Y100L2-4/3	1690	1074	1700	760x2	40	80	6-φ14	300	190	380	230	345	65	145	185	20	4-φ18	65	145	185	20	4-φ18	480				
	196			1730	1200	1020	240	180	375	210	415	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550	
	467			2190	1200	1020	240	180	375	210	415	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550	
SL024B06J	366,324,292	JFS200	Y160M-4/11	2190	1280	2000	860x2	40	100	6-φ18	420	285	530	280	445	100	180	220	22	8-φ18	100	180	220	22	8-φ18	740				
	238			1950	1700	760x2	40	80	6-φ14	300	190	380	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550
	196			1860	1700	760x2	40	80	6-φ14	300	190	380	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550
SL024B06J	467	JFS200	Y180M-4/18.5	2490	1280	2000	860x2	40	100	6-φ18	420	285	530	280	445	100	180	220	22	8-φ18	100	180	220	22	8-φ18	740				
	324,262			2420	1700	760x2	40	80	6-φ14	300	190	380	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550
	238,196			2200	1700	760x2	40	80	6-φ14	300	190	380	230	345	80	160	200	20	8-φ18	80	160	200	20	8-φ18	80	160	200	20	8-φ18	550

泵型 Type	转速 Speed r/min	减速机 型号 Reducer	电动机型号 Motor	安装尺寸 Installation Dimensions													进口法兰 Inlet Flange				出口法兰 Outlet Flange				距维 离修
				L	L1	L2	L3 x n	L4	L5	n-φd	B1	T	H	H1	H2	DNI	Q1	D1	P1	z1-d1	DNI	Q2	D2	P2	
SG040B03J	467	JFS160	Y132M-4/7.5	1980	1114	1700	760x2	40	90	6-φ14	300	210	410	230	365	80	200	20	8-φ18	80	160	200	24	8-φ18	670
	366,324			190									380												
	292			180																					
	238,196			1870																					
SG040B04J	467	JFS200	Y160M-4/11	2530	1390	2000	860x4	40	90	6-φ14	370	255	510	260	445	80	200	20	8-φ18	160	200	24	8-φ18	870	
	366,324			440									425												
	292			410																					
	238,196			190																					
SG050B01J	467	JFS160	Y132S-4/5.5	1590	764	1400	610x2	40	80	4-φ14	300	190	210	230	365	80	200	20	8-φ18	160	200	20	8-φ18	340	
	366			380																					
	324,292			180																					
	238,196			1530																					
SG050B02J	467	JFS200	Y160M-4/11	2110	1006	1700	760x2	40	80	6-φ14	370	255	510	250	385	80	200	20	8-φ18	160	200	20	8-φ18	580	
	366,324			380																					
	292			190																					
	238,196			1790																					
SG050B03J	467	JFS200	Y160M-4/15	2540	1348	2000	860x2	40	90	6-φ14	370	255	510	280	445	80	200	20	8-φ18	160	200	24	8-φ18	840	
	324			260									425												
	292,238			210									260												
	196			190																					
SG050B04J	467	JFS160	Y180M-4/18.5	2890	1676	2400	700x3	40	90	6-φ14	300	285	530	280	460	80	200	20	8-φ18	160	200	24	8-φ18	1100	
	324			255									440												
	292,238			210									440												
	196			210									440												
SG060B01J	467	JFS160	Y132M-4/7.5	1820	915	1500	660x2	40	100	6-φ14	300	210	440	260	425	100	220	22	8-φ18	180	220	22	8-φ18	370	
	366,324			410																					
	292			180									400												
	238,196			1720																					
SG060B02J	467	JFS200	Y160L-4/15	2400	1203	2000	860x2	40	100	6-φ14	370	255	510	280	445	100	220	22	8-φ18	180	220	22	8-φ18	660	
	324			210									440												
	292,238			210									440												
	196			210									440												

