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## 2Gbs系列 双螺杆泵

2Gbs SERIES TWIN SCREW PUMPS

选型手册(2020版)

# COMPANY INTRODUCTION

## 企业简介

南京工业泵厂,成立于1970年,是一所具有五十年专业研发、生产、和服务经验的螺杆泵企业,参与起草多部国家标准,并获得多项技术发明专利,是全国螺杆泵行业重点生产企业。

为适应市场需求,企业在2001年进行股份制改造,同期又与南京泵厂进行兼并重组,企业规模得到进一步扩大,拥有生产办公用地50余亩,固定资产超4500万元,职工人数100余人,并拥有各类精密机械加工检测设备,年生产能力达万台套,年产值超过8000万元。

2019年企业不断自我革新,为了实现智能化、系统化全面发展,一期投入5000万元兴建新厂区,进一步提升研发能力、提高生产质量、强化服务能力,使企业进入一个新的发展阶段。

南京工业泵厂将一直秉承“精工细作、持久发展”的经营理念,坚持“真诚、可靠、敬业”的核心价值观,不断引进优秀人才、吸收高新技术、购置精密设备,积极推行创新,探索发展之路,持续为客户提供更加完善,优质的服务。

Founded in 1970, **Nanjing Industrial Pump Factory** is a screw pump enterprise specializing in research, development, production and service for 50 years. It has participated in the drafting of many national standards and applied for a number of technical invention patents. It is a key manufacturer of the Chinese screw pump industry.

In order to meet the market demand, it carried out the joint-stock transformation in 2001. It was also merged and reorganized with Nanjing Pump Factory, which further expanded the enterprise scale. It was endowed with the production and office land covering an area of more than fifty mu, the fixed assets of more than 45 million yuan, more than one hundred employees, various precision machining and testing equipment, the annual production capacity of thousands of sets of products and the annual output value of more than 80 million yuan.

It was innovated constantly in 2019. In order to achieve the intelligent, systematic and comprehensive development, the company invested 50 million yuan in the first phase to build a new factory to further improve its research and development capacity, production quality and service capacity, so that it entered a new stage of development.

It always adheres to the business philosophy of "precision work and long-term development" as well as the core values of "sincerity, reliability and dedication". It introduces excellent talents and absorbs high-tech and purchases precision equipment constantly. It promotes innovation and explores the way of development actively. It provides customers with the more perfect and higher-quality service.



# 2Gbs 系列双螺杆泵

2Gbs Series Twin Screw Pump

产品特点:本系列产品是2Gb系列双螺杆泵基础上,改制成双吸结构特性,这样轴向力完全得到平衡,有内置式和外置式轴承形式;产品流量大,压力高。可输送各种液体介质和少量含粉末状液体介质,使用维修方便等优点。

主要性能范围:

流量: 3~1700m<sup>3</sup>/h      出口压力: 1.0~6.3MPa  
转速: 750~1450r/min      介质粘度: 1~200000mm<sup>2</sup>/s

使用场合:

本系列产品可输送各种液体介质或汽液混输,当主要零部件经过特殊热处理后还可输送少量含粉末状液体介质。

## 2Gbs series twin screw pump

1.Features:With double-suction structure,the axial forces are balanced.There are internal and external bearing structures:the products are large capacity,high pressure applicable to delivering all kinds of liquid and the liquid with a small quantity of powder easy maintenance.

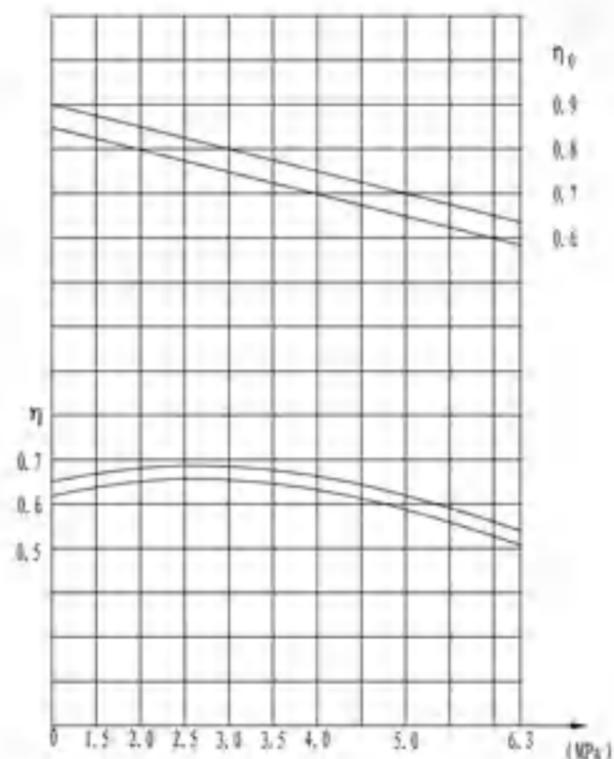
2.performance data:

Capacity:3~1700m<sup>3</sup>/h      Outlet pressure:1.0~6.3MPa  
Speed:750~1450r/min      Viscosity range:1~200000mm<sup>2</sup>/s

3:Application:

This series of products can transport various liquid media or steam and liquid mixed after a special heat treatment, when the main components can also transport a small amount of powder-containing liquid medium.





### 2Gbs 系列双螺杆泵性能曲线图

2Gbs Series twin screw pump performance curves

1450rpm 75mm2/S

$\eta_0, \eta$ — 规格大时取上限; 规格小时取下限

注: 介质粘度>1500mm<sup>2</sup>/s; 工作温度>150° 时, 请与我公司技术处 (电话: 025-68139288) 联系。

$\eta_0, \eta$ — upper limit when big size, lower limit when small size

Note: When viscosity>1500mm<sup>2</sup>/s, temperature>150°, please contact with our technical department. (Tel: 86-025-68139288)

### 2Gbs 系列双螺杆泵特性参数表

2Gbs Series twin screw pump characteristics

序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery pressure(MPa)	运动粘度 Viscosity(mm <sup>2</sup> /s)															
				1		6		20		40		75		150		380		760	
				流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW	流量 l/min	功率 kW
1	2Gbs 78-20	1450	1.5	7.8	4.4	8.3	4.8	8.8	5.2	9.1	5.5	9.3	6.1	9.6	6.7	9.8	8.2	10.2	10.1
			2.0	7.1	5.7	7.7	6.1	8.3	6.5	8.7	6.9	8.9	7.4	9.2	8.2	9.6	9.7	9.8	11.4
			2.5	6.4	7.1	7.1	7.5	7.8	7.9	8.3	8.4	8.6	8.9	8.9	9.6	9.4	11.2	9.6	12.9
			3.0	5.5	8.4	6.4	8.9	7.3	9.4	7.9	9.7	8.3	10.2	8.7	11.0	9.2	12.5	9.5	14.2
			3.5	4.7	9.9	5.8	10.3	6.9	10.7	7.5	11.1	7.9	11.6	8.5	12.3	9.1	13.9	8.4	15.5
			4.0	4.0	11.3	5.2	11.7	6.4	12.1	7.1	12.5	7.7	13.0	8.2	13.7	8.9	15.2	9.2	16.8
		5.0				5.4	14.9	6.3	15.3	7.0	15.7	7.7	16.4	8.5	17.9	8.9	19.5		
		950	1.5	4.4	3.1	4.8	3.2	5.2	3.3	5.5	3.5	5.7	3.7	5.9	4.1	6.2	4.9	6.3	5.8
			2.0	3.5	3.6	4.1	3.9	4.7	4.2	5.1	4.4	5.4	4.6	5.7	5.1	6.1	5.8	6.2	6.7
	2.5		2.7	4.7	3.5	4.9	4.3	5.1	4.7	5.3	5.1	5.6	5.4	5.9	5.8	6.8	6.1	7.7	
	3.0						3.8	6.1	4.3	6.2	4.8	6.5	5.2	6.9	5.7	7.7	5.9	8.6	
	3.5						3.3	6.9	3.9	7.1	4.4	7.4	4.9	7.8	5.5	8.6	5.8	9.5	
	4.0								3.5	8.1	4.1	8.3	4.7	8.7	5.3	9.5	5.7	10.3	
	5.0									3.5	10.1	4.2	10.5	4.9	11.2	5.4	12.1		
	750	1.5	3.8	2.2	4.1	2.4	4.4	2.6	4.5	2.8	4.6	3.1	4.9	3.4	4.9	4.1	4.8	5.1	
2.0		3.4	2.9	3.8	3.1	4.2	3.3	4.3	3.5	4.5	3.7	4.6	4.1	4.8	4.8	4.9	5.7		
2.5		3.1	3.7	3.5	3.8	3.9	3.9	4.1	4.2	4.3	4.4	4.5	4.8	4.7	5.6	4.8	6.5		
3.0						3.7	4.7	3.9	4.9	4.2	5.1	4.4	5.5	4.6	6.3	4.7	7.1		
3.5						3.4	5.4	3.7	5.6	3.9	5.8	4.2	6.2	4.5	6.9	4.7	7.8		
4.0								3.5	6.3	3.8	6.5	4.1	6.9	4.4	7.6	4.6	8.4		
5.0											3.5	7.9	3.9	8.2	4.3	8.9	4.5	9.8	
2	2Gbs 78-24	1450	1.5	9.3	5.0	9.9	5.6	10.5	6.2	10.9	6.7	11.1	7.2	11.4	8.1	11.7	9.8	11.9	11.7
			2.0	8.5	6.7	9.2	7.3	9.9	7.9	10.4	8.3	10.7	8.9	11.1	9.8	11.5	11.6	11.7	13.8
			2.5	7.6	8.4	8.5	9.0	9.4	9.6	9.9	10.0	10.3	10.6	10.8	11.5	11.3	13.4	11.5	15.5
			3.0	6.6	10.2	7.7	10.7	8.8	11.2	9.4	11.7	9.9	12.3	10.5	13.2	11.1	15.0	11.4	17.0
			3.5	5.6	11.9	6.9	12.4	8.2	12.9	8.9	13.3	9.6	13.9	10.2	14.8	10.8	16.6	11.2	18.6
			4.0	4.8	13.6	6.2	14.1	7.6	14.6	8.5	15.0	9.2	15.6	9.9	16.5	10.6	18.2	11.1	20.2
		5.0					6.5	17.9	7.5	18.3	8.4	18.9	9.3	19.7	10.2	21.5	10.8	23.4	
		950	1.5	5.1	3.5	5.7	3.7	6.3	3.9	6.6	4.1	6.9	4.4	7.1	4.9	7.4	5.9	7.6	6.9
			2.0	4.1	4.4	4.9	4.7	5.7	5.0	6.1	5.3	6.5	5.6	6.8	6.0	7.2	7.0	7.4	8.0
	2.5		3.3	5.5	4.2	5.8	5.1	6.1	5.6	6.4	6.1	6.7	6.5	7.2	7.0	8.2	7.3	9.3	
	3.0						4.5	7.2	5.1	7.5	5.7	7.8	6.2	8.3	6.8	9.2	7.1	10.3	
	3.5						3.9	8.3	4.7	8.6	5.3	8.9	5.9	9.3	6.6	10.3	6.9	11.4	
	4.0								4.2	9.6	4.9	9.9	5.6	10.4	6.4	11.3	6.8	12.4	
	5.0									4.2	12.1	5.0	12.6	5.9	13.5	6.5	14.5		
	750	1.5	4.5	2.5	4.9	2.8	5.3	3.1	5.5	3.4	5.6	3.6	5.7	4.1	5.9	4.9	6.0	5.9	
2.0		4.3	3.5	4.6	3.7	4.9	3.9	5.2	4.2	5.4	4.5	5.6	4.9	5.8	5.8	5.9	6.8		
2.5		3.7	4.2	4.2	4.5	4.7	3.8	4.9	5.0	5.2	5.3	5.4	5.8	5.7	6.7	5.8	7.8		
3.0						4.4	5.6	4.7	5.9	4.9	6.2	5.3	6.6	5.6	7.5	5.7	8.5		
3.5						4.1	6.5	4.5	6.7	4.8	6.9	5.1	7.4	5.4	8.3	5.6	9.3		
4.0								4.2	7.5	4.6	7.8	4.9	8.3	5.3	9.1	5.6	10.1		
5.0									4.2	9.5	4.6	9.9	5.1	10.8	5.4	11.7			
3	2Gbs 91-24	1450	1.5	12.8	7.0	13.5	7.7	14.2	8.4	14.7	8.9	15.1	9.7	15.5	10.9	15.9	13.4	16.1	16.1
			2.0	11.5	9.1	12.5	9.9	13.5	10.7	14.1	11.3	14.6	12.1	15.1	13.3	15.6	15.8	15.9	18.6
			2.5	10.2	11.6	11.5	12.3	12.8	13.0	13.5	13.7	14.1	14.5	14.7	15.7	15.3	18.2	15.7	21.1
			3.0	9	13.9	10.5	14.6	12.0	15.3	12.8	15.9	13.6	16.7	14.3	17.9	15.0	20.4	15.5	23.2
			3.5	7.8	16.3	9.5	16.9	11.2	17.5	12.2	18.2	13.0	19.0	13.9	20.2	14.8	22.6	15.3	25.4
			4.0	6.4	18.4	8.4	19.1	10.4	19.8	11.5	20.4	12.5	21.2	13.4	22.4	14.5	24.8	15.1	27.5
		5.0					8.8	24.3	10.2	24.9	11.4	25.7	12.6	26.9	13.9	29.2	14.6	31.8	
		950	1.5	7.1	4.5	7.8	4.9	8.5	5.3	8.9	5.6	9.4	6.0	9.7	6.7	10.1	7.9	10.3	9.4
			2.0	5.6	6.0	6.7	6.4	7.8	6.8	8.3	7.1	8.8	7.6	9.3	8.2	9.8	9.5	10.1	11.0
	2.5		4.5	7.5	5.7	7.9	6.9	8.3	7.7	8.7	8.3	9.1	8.9	9.8	9.5	11.1	9.9	12.6	
	3.0						6.2	9.8	7.0	10.2	7.8	10.6	8.5	11.2	9.3	12.6	9.7	14.0	
	3.5						5.4	11.3	6.4	11.6	7.2	12.1	8.1	12.7	8.9	14.0	9.5	15.5	
	4.0								5.7	13.1	6.7	13.5	7.7	14.2	8.7	15.4	9.3	16.9	
	5.0									5.7	16.5	6.8	17.1	8.1	18.3	8.9	19.7		
	750	1.5	6.5	3.4	6.8	3.8	7.1	4.2	7.4	4.5	7.6	4.9	7.8	5.5	7.9	6.7	8.1	8.1	
2.0		5.8	4.4	6.3	4.9	6.8	5.4	7.1	5.7	7.3	6.1	7.6	8.7	7.8	7.9	7.9	9.3		
2.5		5.2	3.9	5.8	6.2	6.4	6.5	6.8	6.9	7.1	7.3	7.4	7.9	7.7	9.1	7.8	10.6		
3.0						6.0	7.7	6.4	7.9	6.8	8.4	7.2	8.9	7.5	10.2	7.7	11.6		
3.5						5.6	8.8	6.1	9.1	6.5	9.5	6.9	10.1	7.4	11.3	7.6	12.7		
4.0								5.8	10.2	6.3	10.6	6.7	11.2	7.3	12.4	7.5	13.8		
5.0									5.7	12.9	6.3	13.5	6.9	14.6	7.3	15.9			



续表一 Continue

序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery pressure(MPa)	运动粘度 Viscosity(mm <sup>2</sup> /s)															
				1		6		20		40		75		150		380		760	
				流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW
4	2Gbs 91-27	1450	1.5	14.6	7.8	15.3	8.6	16	9.4	16.6	10.0	17.0	10.9	17.5	12.3	18.0	15.1	18.1	18.1
			2.0	13.0	10.4	14.1	11.2	15.2	12.0	15.9	12.7	16.4	13.6	17.0	15.0	17.6	17.8	17.9	20.9
			2.5	11.4	13.0	12.9	13.8	14.4	14.6	15.2	15.4	15.8	16.3	16.5	17.7	17.2	20.5	17.7	23.7
			3.0	10.1	15.6	11.8	16.4	13.5	17.2	14.4	17.9	15.3	18.8	16.1	20.2	16.9	23.0	17.4	26.1
			3.5	8.6	18.3	10.6	19.0	12.6	19.7	13.7	20.4	14.7	21.3	15.6	22.7	16.6	25.5	17.2	28.5
		4.0	7.3	20.7	9.5	21.6	11.7	22.3	13.0	23.0	14.1	23.8	15.1	25.2	16.3	27.9	17.0	30.9	
		5.0					9.9	27.4	11.5	28.1	12.9	28.9	14.2	30.2	15.6	32.8	16.5	35.8	
		950	1.5	7.8	5.3	8.7	5.6	9.6	5.9	10.1	6.3	10.5	6.8	11.0	7.5	11.5	8.9	11.6	10.6
			2.0	6.5	6.9	7.6	7.3	8.7	7.7	9.4	8.0	9.9	8.5	10.5	9.2	11.1	10.7	11.4	12.4
			2.5	5.0	8.4	6.4	8.9	7.8	9.4	8.6	9.8	9.3	10.2	10.0	11.0	10.7	12.5	11.2	14.2
			3.0					6.9	11.0	7.9	11.4	8.7	11.9	9.5	12.6	10.4	14.1	10.9	15.8
			3.5					6.1	12.7	7.2	13.1	8.1	13.6	9.1	14.3	10.1	15.8	10.7	17.4
		4.0									6.5	14.8	7.5	15.2	8.6	15.9	9.8	17.4	19.0
		5.0										6.4	18.5	7.7	19.2	9.1	20.6	9.9	22.2
		750	1.5	7.4	3.9	7.7	4.3	8.0	4.7	8.3	5.0	8.5	5.5	8.8	6.2	9.0	7.6	9.1	9.1
2.0	6.6		5.2	7.1	5.6	7.6	6.0	7.9	6.4	8.2	6.8	8.5	7.5	8.8	8.9	8.9	10.5		
2.5	5.8		6.5	6.5	6.9	7.2	7.3	7.6	7.7	7.9	8.2	8.3	8.6	8.6	10.3	8.9	11.9		
3.0						6.8	8.6	7.2	8.9	7.7	9.4	8.1	10.1	8.5	11.5	8.7	13.1		
3.5						6.3	9.9	6.9	10.2	7.4	10.7	7.8	11.4	8.3	12.8	8.6	14.3		
4.0									7.1	11.9	7.6	12.6	8.3	13.9	8.5	15.5			
5.0									6.5	14.5	7.1	15.1	7.8	16.4	8.3	17.9			
5	2Gbs 104-27	1450	1.5	17.8	9.8	19.1	10.8	20.4	11.8	20.9	12.7	21.5	13.7	22.0	15.6	22.5	19.0	22.8	22.8
			2.0	16.2	13.1	17.7	14.1	19.2	15.1	20.0	16.0	20.7	17.1	21.4	18.9	22.1	22.4	22.5	26.3
			2.5	14.6	16.4	16.3	17.4	18.0	18.4	19.1	19.3	19.9	20.5	20.8	22.2	21.7	25.8	22.2	29.8
			3.0	12.7	19.6	14.8	20.6	16.9	21.6	18.2	22.5	19.2	23.6	20.2	25.4	21.3	28.9	21.9	32.8
			3.5	11.0	22.8	13.4	23.8	15.8	24.8	17.2	25.7	18.4	26.8	19.6	28.5	20.9	32.0	21.6	35.9
		4.0	9.1	26.2	11.9	27.1	14.7	28.0	16.3	28.9	17.7	30.0	19.0	31.7	20.5	35.1	21.3	38.9	
		5.0					12.5	34.4	14.5	35.3	16.2	36.4	17.9	38.0	19.7	41.3	20.7	45.0	
		950	1.5	9.9	7.0	11.0	6.9	12.1	6.8	12.7	7.9	13.3	8.6	13.8	9.4	14.3	11.3	14.6	13.2
			2.0	8.2	8.6	9.6	9.1	11.0	9.6	11.8	10.1	12.5	10.7	13.2	11.6	13.9	13.5	14.3	15.5
			2.5	6.3	10.8	8.1	11.3	9.9	11.8	10.9	12.3	11.7	12.9	12.6	13.8	13.5	15.7	14.0	17.8
			3.0					8.7	13.9	9.9	14.4	11.0	15.0	12.0	15.9	13.1	17.8	13.7	19.8
			3.5					7.6	16.0	9.0	16.5	10.2	17.1	11.4	18.0	12.7	19.8	13.4	21.9
		4.0							8.1	18.6	9.5	19.1	10.8	20.0	12.3	21.9	13.1	23.9	
		5.0									7.9	23.3	9.7	24.2	11.5	26.0	12.5	27.9	
		750	1.5	9.0	4.9	9.6	5.4	10.2	5.9	10.5	6.4	10.8	6.9	11.0	7.8	11.3	9.5	11.4	11.4
2.0	8.2		6.6	8.9	7.1	9.6	7.6	10.0	8.0	10.4	8.6	10.7	9.5	11.1	11.2	11.3	13.2		
2.5	7.4		8.2	8.2	8.7	9.0	9.2	9.6	9.7	9.9	10.3	10.4	11.1	10.9	12.9	11.1	14.9		
3.0						8.5	10.8	9.1	11.3	9.6	11.8	10.1	12.7	10.7	14.5	10.9	16.4		
3.5						7.9	12.4	8.6	12.9	9.2	13.4	9.8	14.3	10.5	16.0	10.8	17.9		
4.0							8.2	14.5	8.9	15.0	9.5	15.9	10.3	17.6	10.7	19.5			
5.0									8.1	18.2	8.9	19.0	9.9	20.7	10.4	22.5			
6	2Gbs 91-24	1450	1.5	21.5	11.9	22.8	13.0	24.1	14.1	24.9	15.2	25.6	16.4	26.2	18.5	26.7	22.6	27.3	27.1
			2.0	19.4	15.8	21.1	16.9	22.8	18.0	23.8	19.1	24.7	20.4	25.5	22.5	26.3	26.7	26.9	31.3
			2.5	17.3	19.7	19.4	20.8	21.5	21.9	22.7	23.0	23.8	24.4	24.8	26.5	25.9	30.8	26.5	35.5
			3.0	15.2	23.4	17.7	24.6	20.2	25.8	21.6	26.8	22.9	28.2	24.1	30.3	25.4	34.5	26.1	39.2
			3.5	13.1	27.2	16.0	28.4	18.9	29.6	20.6	30.6	22.0	32.0	23.4	34.0	24.9	38.2	25.8	42.8
		4.0	10.9	31.2	14.2	32.3	17.5	33.4	19.5	34.4	21.1	35.8	22.7	37.8	24.4	41.9	25.4	46.4	
		5.0					14.9	41.1	17.3	42.1	19.3	43.4	21.3	45.3	23.5	49.3	24.7	53.7	
		950	1.5	11.9	7.8	13.2	8.4	14.5	9.0	15.0	9.6	15.8	10.2	16.4	11.3	17.1	13.5	17.5	15.7
			2.0	9.7	10.3	11.4	10.9	13.1	11.5	14.0	12.1	14.9	12.8	15.7	13.9	16.6	16.1	17.1	18.5
			2.5	7.5	12.8	9.6	13.4	11.7	14.0	13.0	14.6	14.0	15.4	15.0	16.5	16.1	18.7	16.7	21.3
			3.0					10.4	16.6	11.9	17.1	13.1	17.8	14.3	18.9	15.6	21.2	16.4	23.7
			3.5					9.1	19.1	10.8	19.6	12.2	20.3	13.6	21.4	15.1	23.6	16.0	26.1
		4.0							9.7	22.1	11.3	22.8	12.9	23.9	14.6	26.1	15.6	28.5	
		5.0									9.5	27.8	11.5	28.8	13.7	30.9	14.9	33.3	
		750	1.5	10.7	5.9	11.4	6.5	12.1	7.1	12.5	7.6	12.8	8.2	13.1	9.3	13.4	11.3	13.7	13.6
2.0	9.8		8.0	10.6	8.5	11.4	9.0	11.9	9.6	12.4	10.2	12.8	11.3	13.2	13.4	13.5	15.7		
2.5	8.6		9.9	9.7	10.4	10.8	10.9	11.4	11.5	11.9	12.2	12.4	13.3	12.9	15.4	13.3	17.8		
3.0						10.1	12.9	10.8	13.4	11.5	14.1	12.1	15.2	12.7	17.3	13.1	19.6		
3.5						9.5	14.8	10.3	15.3	11.0	16.0	11.7	17.0	12.5	19.1	12.9	21.4		
4.0							9.8	17.2	10.6	17.9	11.4	18.9	12.2	20.9	12.7	23.2			
5.0									9.7	21.7	10.7	22.7	11.8	24.7	12.4	26.9			



续表二 Continue

序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery pressure(MPa)	运动粘度 Viscosity(mm <sup>2</sup> /s)															
				1		6		20		40		75		150		380		760	
				流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW	流量 M/h	功率 KW
7	2Gbs 130-26	1450	1.5	28.4	15.6	30.0	17.0	31.6	18.4	32.6	19.8	33.5	21.6	34.3	24.3	35.1	29.7	35.7	35.4
			2.0	25.5	20.6	27.7	22.1	29.9	23.6	31.2	25.0	32.3	26.8	33.5	29.5	34.5	35.0	35.2	41.0
			2.5	22.6	25.6	25.4	27.2	28.2	28.8	29.8	30.2	31.1	32.0	32.5	34.7	33.9	40.3	34.7	46.6
			3.0	19.9	30.6	23.2	32.2	26.5	33.8	28.4	35.2	30.0	36.9	31.5	39.7	33.3	45.2	34.3	51.3
			3.5	17.1	35.8	20.9	37.3	24.7	38.8	26.9	40.2	28.8	41.9	30.6	44.6	32.6	50.0	33.8	56.1
		4.0	14.2	40.8	18.6	42.3	23.0	43.8	25.5	45.1	27.6	46.9	29.7	49.5	32.0	54.9	33.3	60.8	
		5.0					19.6	53.8	22.6	55.1	25.3	56.8	27.9	59.4	30.7	64.6	32.4	70.3	
		6.3							18.9	68.1	22.3	69.7	25.5	72.2	29.1	77.1	31.1	82.7	
		950	1.5	15.6	9.8	17.2	10.8	18.8	11.8	19.8	12.4	20.7	13.3	21.6	14.8	22.3	17.7	22.9	20.7
			2.0	12.7	13.3	14.9	14.2	17.1	15.1	18.4	15.8	19.5	16.7	20.6	18.2	21.7	21.1	22.4	24.3
			2.5	9.8	16.8	12.6	17.6	15.4	18.4	17.0	19.2	18.3	20.1	19.6	21.6	21.1	24.5	21.9	27.9
			3.0					13.7	21.7	15.6	22.4	17.2	23.4	18.7	24.8	20.5	27.7	21.4	31.0
			3.5					11.9	25.0	14.1	25.7</								



续表三 Continue

Table with 18 columns: No, Type, Speed, Delivery Pressure, and Viscosity (1, 6, 20, 40, 75, 150, 380, 760) with sub-columns for Flow and Power.



续表四 Continue

Table with 18 columns: No, Type, Speed, Delivery Pressure, and Viscosity (1, 6, 20, 40, 75, 150, 380, 760) with sub-columns for Flow and Power.



续表五 Continue

序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery pressure(MPa)	运动粘度 Viscosity(mm <sup>2</sup> /s)															
				1		6		20		40		75		150		380		760	
				流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW
18	2Gbs 208-82	1450	1.5	142	90	158	92	174	95	182	98	189	101	195	105	200	113	203	121
			2.0	130	119	147	121	165	124	175	127	182	130	188	135	194	143	198	151
			2.5	119	150	138	152	157	155	168	158	176	161	183	166	190	175	193	184
			3.0	110	183	130	185	151	188	162	191	171	194	178	199	185	209	189	219
			3.5	100	217	122	219	145	222	157	225	166	229	174	234	182	244	186	254
		4.0					139	258	153	261	162	265	171	271	179	281	183	292	
		5.0			114	255	139	334	144	337	155	341	165	347	173	358	178	370	
		950	1.5	91	59	101	81	111	83	117	86	121	89	129	94	137	101	141	99
			2.0	83	78	94	80	106	82	112	83	117	85	121	88	125	94	127	99
			2.5	76	98	88	100	101	102	108	104	113	106	117	109	122	115	124	121
			3.0					96	123	104	125	110	128	115	131	121	137	122	143
			3.5					93	148	101	148	107	150	112	154	117	160	120	167
		4.0					98	172	108	172	114	174	110	178	115	184	118	192	
		5.0					100	224	106	224	111	224	106	228	111	235	114	243	
		750	1.5	69	46	77	48	85	49	90	50	93	52	96	54	99	58	101	62
2.0	63		61	72	62	81	64	86	65	90	67	93	69	96	74	98	78		
2.5				67	78	77	80	83	81	87	83	90	86	94	90	96	95		
3.0						74	97	80	98	84	100	88	103	92	108	94	113		
3.5						71	115	77	116	82	118	86	121	90	126	92	131		
4.0					80	137	84	139	88	145	90	150	94	155	96	160			
5.0					86	176	91	179	95	185	100	191	104	197	108	203			
19	2Gbs 247-62	1450	1.5	200	127	223	130	245	134	257	138	266	142	274	148	282	159	287	170
			2.0	183	168	208	171	233	175	246	179	256	183	265	190	274	202	279	214
			2.5	168	211	195	215	222	219	237	223	248	227	258	234	267	247	272	260
			3.0	154	257	183	261	213	265	229	269	241	274	251	281	261	295	267	308
			3.5	141	306	171	309	204	314	222	318	235	323	246	330	250	344	262	359
		4.0			161	359	195	364	215	368	229	374	241	381	252	396	258	411	
		5.0					182	471	203	476	219	481	232	489	244	505	251	522	
		950	1.5	128	83	143	85	157	88	165	91	171	93	176	97	183	105	184	112
			2.0	117	110	133	112	149	115	158	117	165	120	170	125	176	132	179	140
			2.5	107	139	124	141	142	144	152	146	159	149	166	154	172	162	175	170
			3.0					136	174	147	177	155	180	161	184	168	193	172	202
			3.5					130	206	142	209	150	212	158	217	165	226	168	235
		4.0					138	242	147	245	155	250	162	260	166	270	170	279	
		5.0					140	316	149	321	157	331	161	331	161	342	161	342	
		750	1.5	97	66	109	67	121	69	127	71	131	73	136	76	140	82	142	88
2.0	89		87	101	88	114	90	121	92	126	95	131	98	136	104	138	110		
2.5				95	111	109	113	116	115	122	117	127	121	132	127	135	134		
3.0						104	137	112	139	119	141	124	145	129	152	132	159		
3.5						100	157	109	159	115	161	121	165	127	172	130	180		
4.0					113	193	119	197	124	204	124	204	124	204	127	212			
5.0					108	248	114	252	121	260	124	260	124	269	124	269			
20	2Gbs 247-74	1450	1.5	239	152	266	155	293	160	307	165	318	170	328	177	337	190	342	203
			2.0	219	200	248	204	278	209	294	214	306	219	317	227	327	241	333	255
			2.5	201	252	232	256	265	261	283	266	271	308	280	319	295	325	319	368
			3.0	184	307	218	311	254	316	273	321	288	327	300	336	312	325	319	368
			3.5	169	385	205	369	244	374	265	379	280	385	293	394	306	411	313	428
		4.0			192	429	234	435	257	440	273	446	287	455	301	473	308	491	
		5.0					217	562	243	568	261	574	277	584	291	603	299	623	
		950	1.5	152	99	170	102	187	105	196	108	204	111	210	116	216	125	219	133
			2.0	139	131	158	134	177	137	188	140	196	143	203	148	210	158	213	167
			2.5	127	165	148	168	169	171	181	174	190	178	197	183	205	193	208	203
			3.0					162	207	175	210	184	214	192	220	200	230	204	241
			3.5					169	248	179	252	188	258	196	269	201	280	201	280
		4.0					155	245	164	288	175	292	184	298	193	309	197	321	
		5.0					167	376	177	382	187	395	197	408	207	421	217	438	
		750	1.5	116	78	130	80	144	83	151	85	157	88	162	91	167	98	169	105
2.0	106		103	121	105	136	108	145	110	151	113	156	117	162	124	165	131		
2.5				113	132	130	135	139	137	146	140	152	144	158	152	161	160		
3.0						124	163	134	166	142	169	148	173	154	181	158	190		
3.5						119	193	130	196	138	199	145	203	151	212	155	221		
4.0					126	227	134	230	142	235	149	244	157	253	164	263			
5.0					128	296	136	301	144	311	151	321	159	331	168	341			
21	2Gbs 286-72	1450	1.5	311	196	347	203	382	209	400	215	414	221	427	231	439	248	446	265
			2.0	285	261	324	266	362	273	383	278	399	285	413	296	427	314	434	332
			2.5	262	329	303	334	345	341	369	347	386	354	401	365	416	384	424	404
			3.0	240	400	284	406	331	413	356	419	375	426	391	438	407	458	415	480
			3.5	220	476	267	481	318	488	345	494	365	502	382	514	399	536	408	558
		4.0			251	559	305	587	335	573	356	582	375	594	392	616	401	640	
		950	1.5	204	129	227	133	250	137	262	141	271	145	280	151	288	162	292	173
			2.0	187	171	212	174	237	178	251	182	261	187	270	193	279	206	284	218
			2.5	172	215	198	219	226	223	241	227	253	232	263	239	272	252	277	265
			3.0					217	270	233	274	245	297	256	286	266	300	272	314
			3.5					208	320	226	324	239	329	250	336	261	351	267	365
		4.0					219	375	233	381	245	389	257	399	267	404	263	419	
		750	1.5	157	102	175	105	193	108	203	111	210	115	217	120	223	128	226	137
			2.0	143	135	163	138	183	141	194	144	202	148	209	153	216	163	220	172
			2.5			152	173	175	176	187	180	196	183	203	189	211	199	215	209
3.0						167	214	174	216	185	221	198	227	206	237	211	248		
3.5						160	253	174	256	185	260	194	266	202	278	207	289		
4.0					169	297	180	301	190	307	199	319	207	329	214	341			
5.0					172	388	183	394	193	407	203	419	213	432	223	445			



续表六 Continue

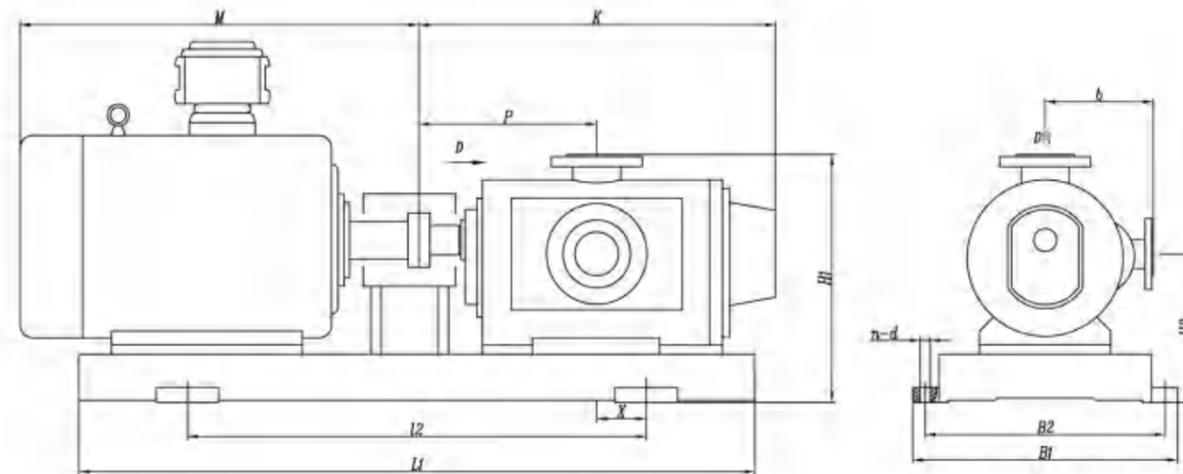
序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery pressure(MPa)	运动粘度 Viscosity(mm <sup>2</sup> /s)															
				1		6		20		40		75		150		380		760	
				流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率 KW	流量 M <sup>3</sup> /h	功率										

序号 NO	泵型号 Type	转速 Speed(r/min)	出口压力 Delivery Pressure(MPa)	运动粘度 Viscosity(mm²/s)																																																																																																															
				1		6		75		200		380		750		1500																																																																																																			
				流量 M³/h	功率 KW	流量 M³/h	功率 KW	流量 M³/h	功率 KW	流量 M³/h	功率 KW	流量 M³/h	功率 KW	流量 M³/h	功率 KW	流量 M³/h	功率 KW																																																																																																		
25	2Gbs 351-90	1450	1.0	695	227	769	252	843	277	865	320	876	367	886	438	894	536	1.5	664	334	737	352	810	370	834	403	847	444	857	509	866	600	2.0	643	451	714	464	785	477	810	504	823	539	835	599	844	694	2.5	625	572	695	583	765	594	790	617	804	648	816	703	826	794	3.0	612	700	680	710	748	720	773	740	787	767	800	817	810	904	3.5	601	836	667	844	733	852	759	870	773	894	789	941	797	1023	4.0	590	976	655	983	720	990	746	1006	760	1029	774	1027	785	1150								
			950	1.0	445	131	493	156	541	181	556	210	563	241	569	287	574	351	1.5	424	220	472	231	520	242	535	264	544	291	551	334	556	397	2.0	410	295	457	304	504	313	520	331	529	353	536	393	542	455	2.5	399	375	445	382	491	389	507	405	516	425	524	461	531	520	3.0	390	460	435	466	480	472	496	485	506	503	514	536	521	593	3.5	384	548	427	553	470	558	487	570	496	586	505	617	512	670	4.0	376	639	419	644	462	649	479	659	488	674	497	702	504	754							
				750	1.0	347	117	385	130	423	143	434	166	440	190	445	227	449	277	1.5	332	173	369	183	406	193	419	209	425	230	431	264	435	314	2.0	320	233	357	240	394	247	406	261	413	279	419	310	424	359	2.5	311	296	347	302	383	308	396	320	404	335	410	364	415	411	3.0	303	364	339	368	375	372	388	395	397	402	423	407	468	3.5	299	433	333	437	367	441	380	450	388	463	395	487	400	530	4.0	293	505	327	509	381	513	374	521	382	533	389	555	394	595							
					26	2Gbs 351-115	1450	1.0	888	290	983	322	1078	354	1106	409	1121	470	1133	560	1142	685	1.5	850	430	943	451	1036	472	1066	516	1082	567	1096	651	1107	775	2.0	820	576	912	593	1004	610	1035	645	1052	689	1067	766	1079	887	2.5	798	732	888	746	978	760	1010	789	1027	828	1043	899	1056	1015	3.0	782	896	869	908	956	920	988	946	1006	981	1023	1045	1036	1156	3.5	767	1069	852	1079	937	1089	970	1112	988	1143	1005	1203	1019	1308	4.0	755	1248	838	1257	921	1266	953	1287	972	1315	989	1370	1004	1470			
								950	1.0	568	190	630	211	682	232	710	268	720	308	728	367	734	448	1.5	543	280	604	295	665	310	685	338	695	372	704	427	711	508	2.0	524	376	584	388	644	400	665	422	676	452	686	502	693	581	2.5	511	478	569	488	627	498	648	517	660	543	670	589	678	665	3.0	499	587	556	595	613	603	634	620	646	643	657	685	666	758	3.5	489	700	545	707	601	714	622	729	635	749	645	788	655	857	4.0	482	816	536	823	590	830	612	843	624	862	635	898	644	963		
									750	1.0	443	151	492	167	541	183	555	212	563	243	569	290	574	354	1.5	422	221	471	233	520	245	535	267	544	294	551	337	556	401	2.0	409	298	456	307	503	316	520	334	528	357	536	397	542	459	2.5	398	379	444	386	490	393	507	409	516	429	524	465	530	525	3.0	389	464	434	470	479	476	496	489	505	508	514	541	520	598	3.5	382	552	426	558	470	564	486	575	496	592	505	623	512	677	4.0	375	645	418	650	461	655	478	666	488	681	497	709	504	761	
	27	2Gbs 403-100								1450	1.0	1019	335	1127	370	1235	405	1268	469	1284	538	1298	641	1309	785	1.5	973	492	1080	517	1187	542	1222	591	1240	650	1256	746	1269	888	2.0	942	661	1046	680	1150	699	1186	739	1200	790	1223	878	1236	1017	2.5	916	839	1018	855	1120	871	1157	905	1177	949	1195	1030	1210	1164	3.0	896.6	1028	995.8	1041	1095	1054	1133	1084	1154	1124	1172	1198	1187	1325	3.5	878	1224	976	1236	1074	1248	1111	1274	1133	1310	1152	1378	1168	1500	4.0	865	1430	960	1440	1055	1450	1093	1475	1114	1507	1134	1570	1150	1685
			950								1.0	651	218	722	242	793	266	814	307	825	353	834	420	842	514	1.5	622	321	692	338	762	355	785	387	797	426	807	489	816	582	2.0	602	432	670	445	738	458	762	484	775	518	786	575	795	666	2.5	585	550	652	560	719	570	743	593	756	622	768	675	778	762	3.0	571	673	637	682	703	691	727	710	741	736	753	785	773	868	3.5	561	802	625	810	689	818	713	835	758	858	740	903	750	982	4.0	553	938	615	944	677	950	701	966	716	988	728	1029	739	1104
				750							1.0	507	172	563	191	619	210	636	242	645	278	652	332	657	406	1.5	485	254	540	267	595	280	613	305	622	336	631	386	737	459	2.0	468	341	522	351	576	361	595	382	605	409	614	454	621	526	2.5	455	434	508	442	561	450	580	468	591	491	600	533	607	602	3.0	446	531	497	538	548	545	567	560	579	581	588	619	596	685	3.5	436	633	487	639	538	645	556	659	568	678	578	713	586	775	4.0	430	740	479	745	528	750	548	763	559	780	569	812	577	871
						28	2Gbs 403-130				1450	1.0	1324	433	1465	480	1606	527	1648	610	1670	700	1688	834	1702	1020	1.5	1264	620	1404	612	1544	704	1589	768	1613	845	1633	970	1650	1154	2.0	1222	860	1359	884	1496	908	1543	961	1568	1027	1590	1142	1608	1322	2.5	1191	1090	1324	1111	1457	1132	1505	1176	1531	1234	1554	1340	1573	1513	3.0	1166	1335	1295	1353	1424	1371	1473	1409	1500	1461	1524	1557	1544	1723	3.5	1144	1591	1270	1607	1396	1623	1445	1657	1473	1704	1498	1792	1518	1949	4.0	1124	1858	1248	1872	1372	1886	1421	1917	1449	1960	1474	2042	1495
								950				1.0	846	285	938	315	1030	345	1058	399	1072	458	1084	546	1093	668	1.5	808	419	899	440	990	461	1020	503	1035	553	1049	635	1059	756	2.0	781	563	870	579	959	595	990	629	1006	673	1021	748	1032	866	2.5	760	715	847	728	934	741	965	770	983	808	998	877	1010	991	3.0	743	874	828	886	913	898	945	923	963	957	978	1020	992	1128	3.5	730	1043	812	1053	894	1063	927	1085	945	1115	961	1174	975	1277	4.0	717	1217	798	1226	879	1235	911	1256	930	1283	946	1337	960
									750			1.0	659	224	732	248	805	272	827	315	838	362	847	431	858	528	1.5	628	330	701	347	774	364	797	397	809	437	819	501	828	597	2.0	609	444	679	457	749	470	773	497	786	531	798	590	807	684	2.5	593	565	661	575	729	585	754	608	768	638	780	693	790	782	3.0	579	691	646	700	713	709	738	729	752	756	765	805	775	891	3.5	569	823	634	831	699	839	724	857	738	881	751	926	762	1008	4.0	560	1141	623	968	686	975	712	991	726	1013	740	1056	750

## 2Gbs、2GbSR型泵外型及安装尺寸

2GbSR\2GbSR Series twin screw pump installation dimensions

机组安装图 ( Pump installations )



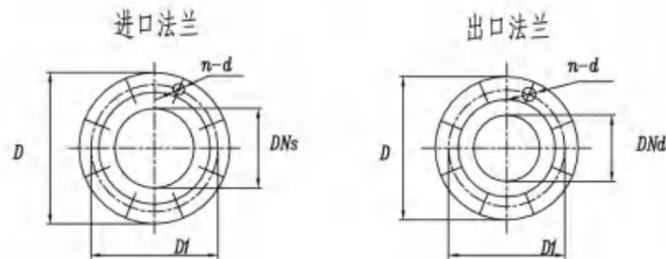
常用的泵、电机及底座配套表 ( Pump motor and base plate complement table )

泵规格 size	电机规格 Motor size	底座规格 Base plate size	安装尺寸 Installation dimensions														泵头重量 Weight (Kg)
			K	P	b	D	X	L1	L2	H1	H2	B1	B2	n-d	M		
2GbSR78	132M	TD-09					196	1250	1000	580	380	610	560	6-φ22	550	650	
	160M	TD-09	738	368	240	30	156	1250	1000	580	380	610	560	6-φ22	655		
	160L	TD-09					133	1250	1000	580	380	610	560	6-φ22	685		
	180M	TD-09					129	1250	1000	580	380	610					

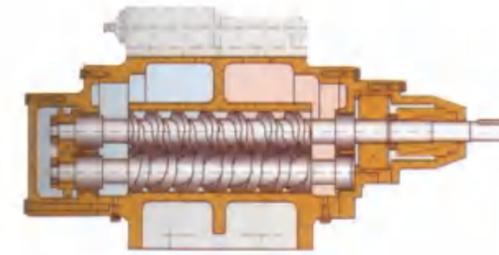


泵规格 size	电机规格 Motor size	底座规格 Base plate size	安装尺寸 Installation dimensions													泵头重量 Weight (Kg)
			K	P	b	D	X	L1	L2	H1	H2	B1	B2	n-d	M	
2GbSR208	280S	HDR-03	1720	853	510	80	203	2000	1650	1095	635	860	790	8-ø22	1060	2110
	315S	HDR-04					221	2150	1800	1095	635	860	790	8-ø22	1250	
	315M	HDR-05					270	2250	1950	1095	635	860	790	8-ø22	1390	
	315L	HDR-05					241	2250	1950	1095	635	860	790	8-ø22	1500	
2GbSR247	280M	HDR-06	1776	925	526	95	227	2200	1800	1190	760	900	830	8-ø22	1060	2580
	315S	HDR-07					273	2250	1950	1190	760	900	830	8-ø22	1250	
	315M	HDR-08					246	2350	1950	1190	760	900	830	8-ø22	1390	
	315L	HDR-08					217	2350	1950	1190	760	900	830	8-ø22	1500	
2GbSR286	315S	HDR-09	2100	1067	726	110	316	2500	2100	1428	840	1150	1070	8-ø26	1250	2870
	315M	HDR-09					289	2500	2100	1428	840	1150	1070	8-ø26	1390	
	315L	HDR-10					335	2600	2250	1428	840	1150	1070	8-ø26	1500	
	355M	HDR-11					290	2700	2250	1428	840	1150	1070	8-ø26	1660	
2GbSR312	400S	HDR-12	2197	1029	670	120	373	3200	2800	1415	895	1060	980	10-ø26	1870	3280
	450S	HDR-13					335	3300	2800	1415	895	1060	980	10-ø26	2050	
	450M	HDR-13					285	3300	2800	1415	895	1060	980	10-ø26	2190	
	560S	HDR-14					341	3500	3000	1415	895	1060	980	10-ø26	2100	
2GbSR351	450S	HDR-15	2379	1215	780	135	420	3600	3120	1695	990	1200	1100	10-ø33	2050	4060
	450M	HDR-15					370	3600	3120	1695	990	1200	1100	10-ø33	2260	
	560S	HDR-16					366	3800	3200	1695	990	1200	1100	10-ø33	2100	
	630S	HDR-17					418	4000	3480	1695	990	1280	1180	10-ø33	2320	
2GbSR403	560S	HDR-18	2500	1287	800	155	320	3800	3200	1890	1060	1350	1250	10-ø33	2100	5710
	630S	HDR-19					232	3800	3200	1890	1060	1350	1250	10-ø33	2320	
	710S	HDR-20					292	4000	3480	1890	1060	1370	1270	10-ø33	2420	
	710M	HDR-21					246	4200	3600	1890	1060	1370	1270	10-ø33	2650	

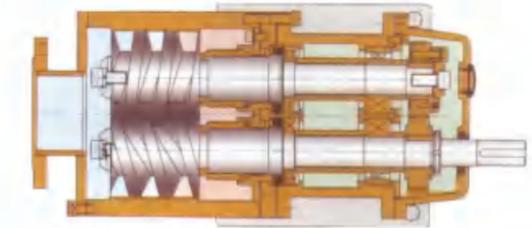
2Gbs、2GbSR型泵进出口法兰尺寸表  
2Gbs\2GbSR type pump flange dimensions



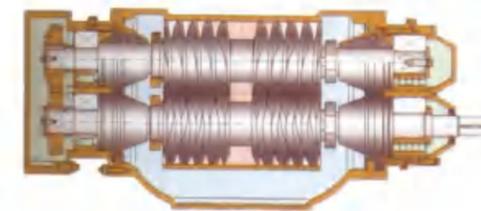
泵规格 size	进口法兰 Suction flange PN1.6MPa				出口法兰 Discharge flange PN5.0MPa				蒸汽法兰 Steam flange PN1.6MPa			
	DNs	D	D1	n-d	DNd	D	D1	n-d	DN	D	D1	n-d
78	80	200	160	8-ø18	65	190	149	8-ø22	15	95	65	4-ø14
91	80	200	160	8-ø18	65	190	149	8-ø22	15	95	65	4-ø14
104	100	220	180	8-ø18	80	210	168.5	8-ø22	20	105	75	4-ø14
130	125	250	210	8-ø18	100	255	200	8-ø22	20	105	75	4-ø14
156	150	285	240	8-ø22	125	280	235	8-ø22	20	105	75	4-ø14
182	200	345	295	12-ø22	150	320	270	12-ø22	20	105	75	4-ø14
208	250	405	355	12-ø26	200	380	330	12-ø26	25	115	85	4-ø14
247	300	460	410	12-ø26	250	445	387.5	16-ø30	25	115	85	4-ø14
286	350	520	470	16-ø26	300	520	451	16-ø33	40	150	110	4-ø18
312	400	580	525	16-ø30	350	585	514.5	20-ø33	40	150	110	4-ø18
351	450	640	585	20-ø30	400	650	571.5	20-ø36	40	150	110	4-ø18
403	500	715	650	20-ø33	450	710	628.5	20-ø36	40	150	110	4-ø18



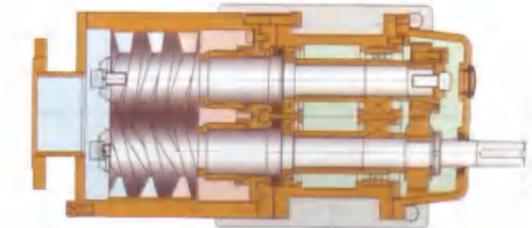
2G 系列双螺杆泵  
2G series twin screw pump



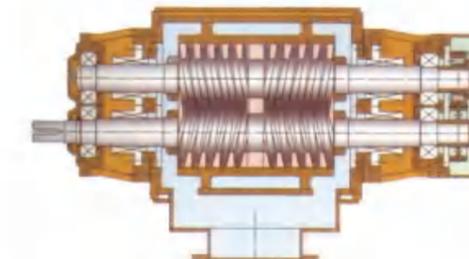
2Ga 系列双螺杆泵  
2Ga series twin screw pump



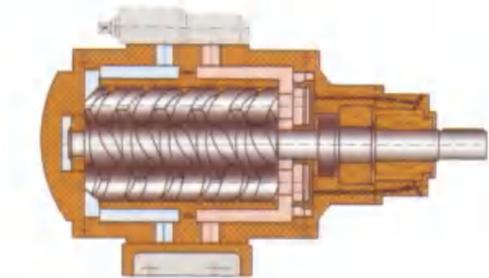
2GaS 系列双螺杆泵  
2GaS series twin screw pump



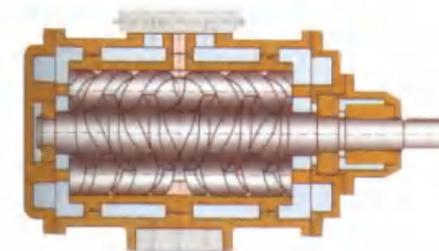
2Gb 系列双螺杆泵  
2Gb series twin screw pump



2GbS 系列双螺杆泵  
2GbS series twin screw pump



3G 系列双螺杆泵  
3G series twin screw pump



3GS 系列双螺杆泵  
3GS series twin screw pump

图例 Graphic illustration

