

## 离心泵(BS系列) Centrifugal pump (BS series)



### BS系列离心泵 BS Series Centrifugal pump

- ◆该泵闭式叶轮设计，适用于食品加工、酿酒、饮料等工业领域。
- ◆该泵为顺时针旋转，即使简单的反转也是禁止的。从电机后面也可以判断旋转方向。
- ◆该泵通过3A-02-10认证，密封通过FDA.177.2600认证。
- ◆BS Series centrifugal pump is designed with close impeller, widely used in dairies, beverage, food-processing industry.
- ◆The correct direction of rotation of this pump is clockwise, it is not allowed to turn reverse rotation.
- ◆The direction of rotation can be viewed from motor.

### 技术规格

- ◆最大流量：40m<sup>3</sup>/h
- ◆最高扬程：36H(M)
- ◆最高转速：3600Min-1
- ◆最高温度：120°C/248°F(CIP/SIP)
- ◆与物料接触材质：SS304/316
- ◆其他部位材质：SS304
- ◆机械密封：SiC/SiC/EPDM(标准)
- ◆表面处理：抛光/亚光
- ◆进出口：卡箍连接(标准)

电机采用IEC EN IE2高效等级(相当于中国二级能效)，PTC热敏电阻 Motor the IEC EN IE2(Equivalent to China two energy efficiency), PTC thermistor

### 宽电压电机Wide input range motor

功率(kw) Power	电压范围 Voltage	功率(kw) Power	电压范围 Voltage
0.55		4	
0.75		5.5	
1.1	210V-230V/50HZ	7.5	300V-400V/50HZ
1.5	360V-400V/50HZ	11	630V-690V/50HZ
2.2	420V-480V/60HZ	15	420V-480V/60HZ
3		18.5	
		30	

其他电压和频率电机请与东正联系  
Please contact Donjoy for any other voltage or frequency of motor.

### Technical specifications

- ◆Max.Flow: 40m<sup>3</sup>/h
- ◆Max.Head: 36H(M)
- ◆Max.Rev: 3600Min-1
- ◆Max.working temperature: 120°C/248°F(CIP/SIP)
- ◆Material in contacting with products: SS304/316
- ◆Other parts: Ss304
- ◆Mechanical seal: SiC/SiC/EPDM(standard)
- ◆Surface finish: Mirror or satin polish
- ◆Inlet & Outlet: Connection Clamp (Standard)

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### 设计和特点

- ◆不锈钢电机外罩由冷成型板做成；开式叶轮或闭式叶轮由不锈钢熔模铸造；
- ◆机械密封根据DIN29461K1；
- ◆可调节不锈钢脚；根据3A卫生标准认证；IEC B35电机，IP55，F等级绝缘，50HZ。

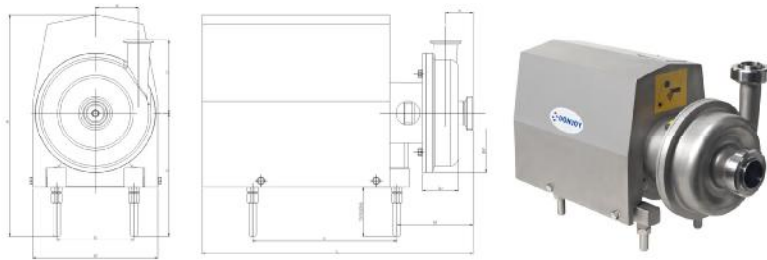
### Design and features

- ◆Casing manufactured with cold-formed plate.Open impeller and close impeller manufactured with stainless steel investment casting;
- ◆Mechanical seal according to DIN 29461 K1;
- ◆Adjustable stainless steel legs.Pump designed according to 3A sanitary standards; IEC B35 motors, IP55, F-class insulation, 50HZ.



### 离心泵BS系列选型表(闭式叶轮) Centrifugal pump BS Series selection table

型号 Model	流量(m <sup>3</sup> /h) Flow rate(m <sup>3</sup> /h)	扬程 Discharge head(M)	功率 Power(kw)	进出口规格 Inlet & Outlet Size
BS-2	14	14	0.55kw	1.571.5"
	16	16	0.75KW	1.571.5"
	24	24	1.1KW	1.571.5"
	18	18	1.1KW	1.571.5"
BS-4	20	20	1.5KW	271.5"
	24	24	1.5KW	271.5"
	18	18	1.5KW	271.5"
	30	30	2.2KW	271.5"
BS-6	24	24	2.2KW	271.5"
	30	30	2.2KW	271.5"
	18	18	2.2KW	271.5"
	20	20	2.2KW	271.5"
BS-8	16	16	2.2KW	271.5"
	36	36	3.0KW	271.5"
	24	24	3.0KW	271.5"
	24	24	3.0KW	271.5"
BS-10	30	30	4.0KW	271.5"
	36	36	4.0KW	271.5"
	30	30	4.0KW	271.5"
	36	36	4.0KW	271.5"
BS-12	24	24	5.5KW	271.5"
	24	24	5.5KW	271.5"
	30	30	5.5KW	271.5"
	36	36	7.5KW	271.5"
	24	24	7.5KW	271.5"



以下表格数据仅供参考，实际尺寸以实物为准。

Attention: Please refer to selection table for details of next page. The size in the following form is the reference value, the actual size is subjected to actual object.

BS系列泵安装尺寸图 BS Series pump installation dimension drawing

	泵头规格 Pump Dimension							外形安装尺寸 Assembly Dimension											3A标准
	功率 Power (kW)	进口口径 d1(IN)	出口口径 d2(OUT)	φ P	L <sub>1</sub>	机械密封 Mechanical seal size	A	B	C	D	M	F	G	H	L	W	C	H	
BS-2	0.75	1.5/40	1.5/40	174	68	22	66	51	200	136	162	203	125	370	489	210	212	402	
	1.1	1.5/40	1.5/40	174	68	22	56	51	200	136	162	203	125	370	489	210	212	402	
BS-4	1.5	2/50	1.5/40	215	75	22	76	59	190	151	174	240	140	360	539	210	222	392	
	2.2	2/50	1.5/40	215	75	22	76	59	190	142	174	240	140	360	539	210	222	392	
BS-6	2.2	2/50	1.5/40	234	83	22	66	70	190	173	188	300	160	420	553	260	242	452	
	3	2/50	1.5/40	234	83	22	66	70	230	173	180	300	160	420	579	260	242	452	
BS-6	3	2/50	2/50	243	85	22	66	70	230	173	180	300	190	430	570	260	244	462	
BS-10	4	2/50	2/50	243	85	22	66	70	222	173	187	300	190	430	606	260	244	462	
BS-12	5.5	2/50	2/50	243	85	22	66	70	242	167	216	330	216	460	755	310	274	492	
	7.5	2.5/65	2/50	243	85	22	66	70	242	167	216	330	216	460	755	310	274	492	

选项

- ◆泵头低排放：隔膜阀/球阀/蝶阀
- ◆机械密封：SIC/SIC/EPDM
- ◆进出口：螺纹/焊接/法兰

Options

- ◆Low discharge in the pump head: Diaphragm valve/ball valve/butterfly valve
- ◆Mechanical seal: SIC/SIC/EPDM
- ◆Connection way of Inlet & Outlet: Thread, Weld, Flange

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BS系列离心泵性能曲线图 BS Series pump performance curve figure

说明：测试条件：介质清水，温度20℃，叶轮转速2900 R.P.M  
Note: Test condition is pure water, 20°C temperature, impeller speed 2900R.P.M

