

卓越品质 & 源于专业

BSY 型

气动浆料泵（油桶泵）



产品说明书

Products Specification

重要

操作人员在使用本产品前，
请务必仔细查阅产品说明书，
以确保操作安全。

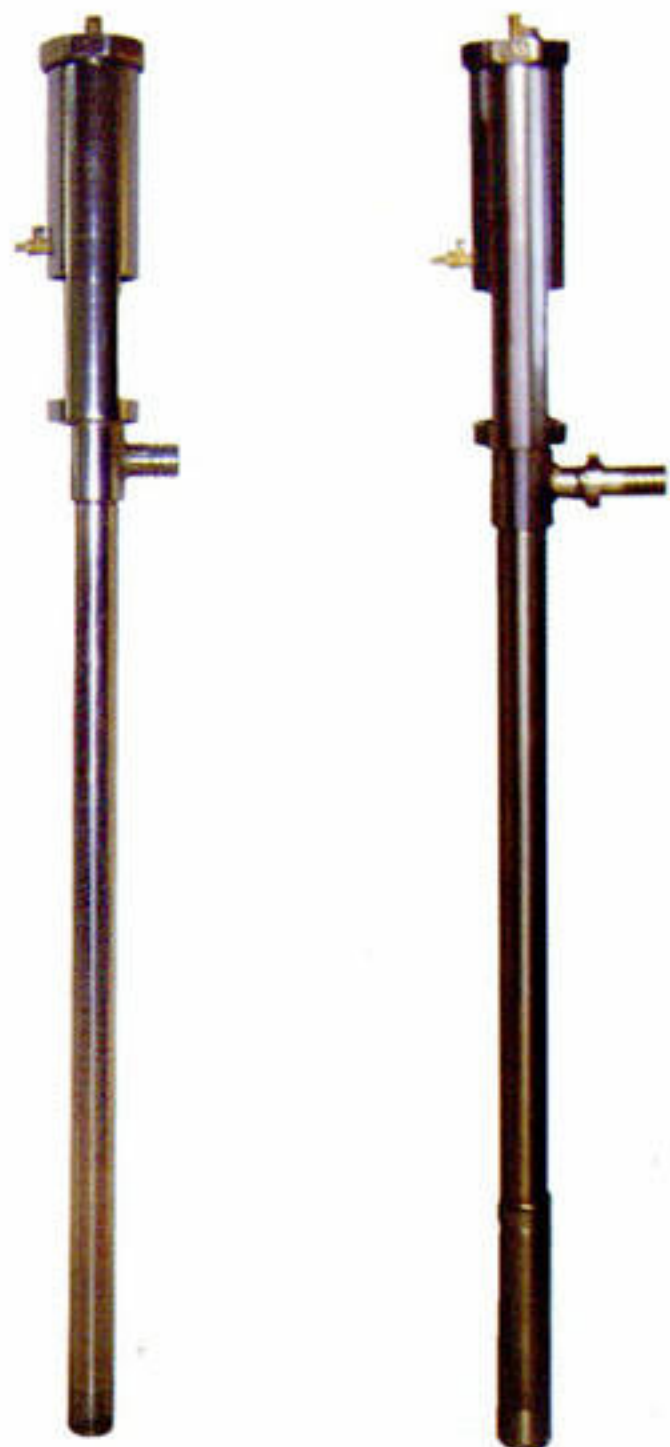
IMPORTANT

Please ensure that these instructions are read and understood by machine operators before using the product.

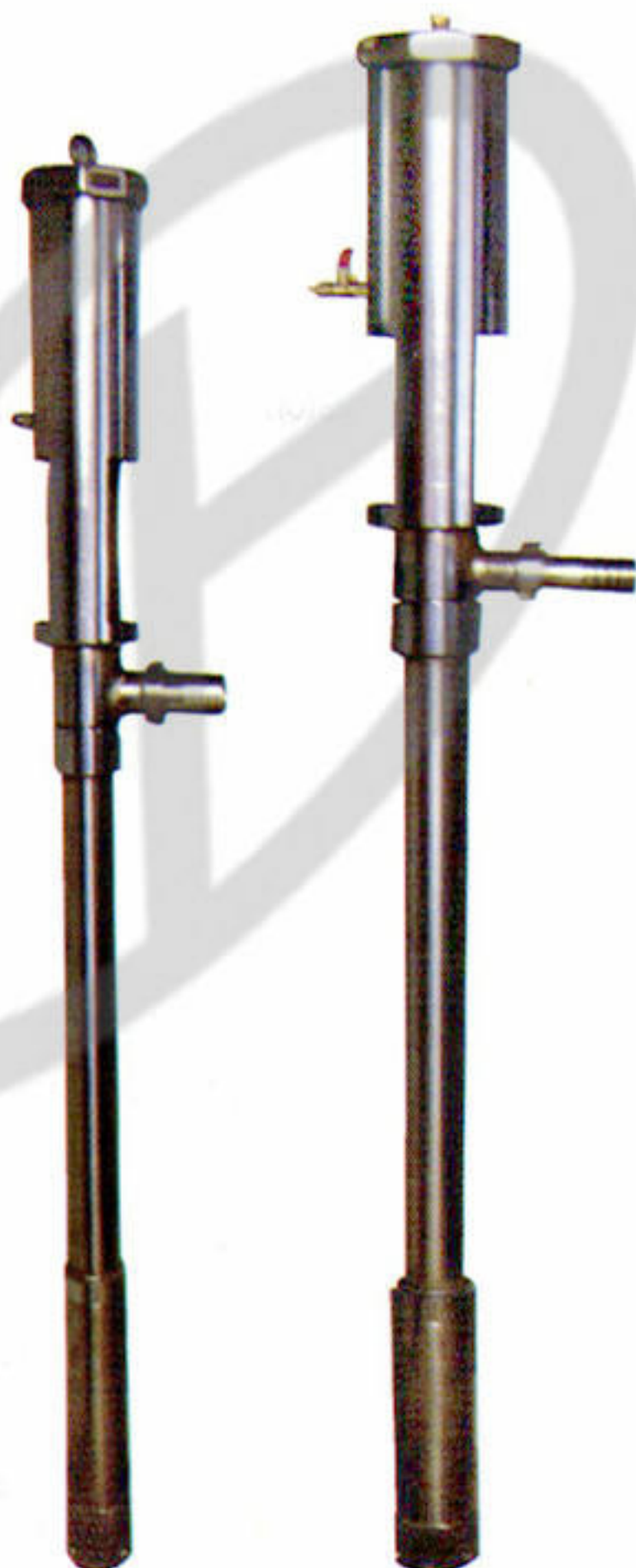
请详阅手册内容并善加保存

Please read and save this manual

BSY 型气动浆料泵（皮革浆料泵、油桶泵）



BSY-A0.8 型 BSY-B1.2 型



BSY-C3.2 型 BSY-D5.0 型

“气动柱塞泵”（简称：浆料泵，又名：皮革喷浆泵、高粘度浆料泵、气动泵浦、气动涂料泵、气动柱塞泵）

pneumatic pulp pump (short for pulp pump, also known as leather pulp spray pump, high-viscosity pulp pump, pneumatic pumping, pneumatic paint pump, pneumatic plug pump)

一、用途: I .Usage

气动浆料泵应用于人造革、移膜革、压延革、彩涂板、印染、医药、涂层、化工、纺织、喷漆、喷涂、薄膜镀铝、彩钢瓦等行业。适用于高粘度（VIS）10万CPS/25℃的液体浆料输送，具有防腐防沉淀、低噪音、节能等功能。是理想的移动输送设备。

pneumatic pulp pumps are widely used in the fields such as artificial leather, calendered leather, color painting board, printing and dyeing, medicine, coating, chemicals, textile, paint spray, flame plating, film aluminum plating, color steel tile etc., and can be also suitable to transport high-viscosity liquid pulp with 10 ten thousand CPS/25℃, having the functions such as corrosion resistance, anti-sediment, low noise, energy saving etc. It is an ideal feeding facility.

二、结构和原理: II .Structure and principle

本产品采用气压差的作用，使活塞上下运行，带动导料活塞开闭，起到提料的作用。调整给气动料泵工作气体的流量与气压来控制调节气动浆料泵送料流量。结合感应开关能使之自动化工作。

This product utilizes pressure different to make the piston run up and down, which can drive the feeding piston to start and stop, thus realizing the purpose of pumping pulp. Its working gas flow and feed flow are adjustable. In addition, it can automatically work through combining induction switch.

三、使用方法: III . Operating instructions

1、先将导料管正确放入所要输送的料桶内。

correctly place the feeding pipe in the charging basket to be delivered

2、将耐腐蚀软管连接出料口至送料地点。

connect the corrosion-resisting hose between the discharge port and the feed port.

3、进气阀呈关闭状态，然后将气源管连接进气阀接头，根据所需浆料流量来开启进气阀调节气动浆料泵运行频率，即可工作。

the intake valves is in the state of "OFF", and then connect the gas source pipe with the intake valve joint. According to required pulp flow, start the intake valve to adjust the running frequency of the pulp pump.

四、维护保养: IV Maintenance

1、气动浆料泵在使用过程中防止撞击缸体部位避免变形，发生活塞卡死现象，造成报废。

During operating the pneumatic pulp pump, should prevent the cylinder body from impact and deformation, and avoid seizing-up of the piston.

2、活塞在运行壹佰万余次后，根据空压机送气过程中水份积留情况应清缸体，涂注30#润滑油。

After the piston run 100 million times, according to the condition of water content accumulated during the air compressor sends gas, should clean the cylinder body, and apply and inject 30# lubricating oil.

3、如经久不用，应在溶剂内工作状清洗，防止浆料冻结，阻塞导料管。

Before using the pump that has been not used for a long time, should clean it in solvent under the condition of working, to avoid the feeding pipe is obstructed due to frozen pulp.

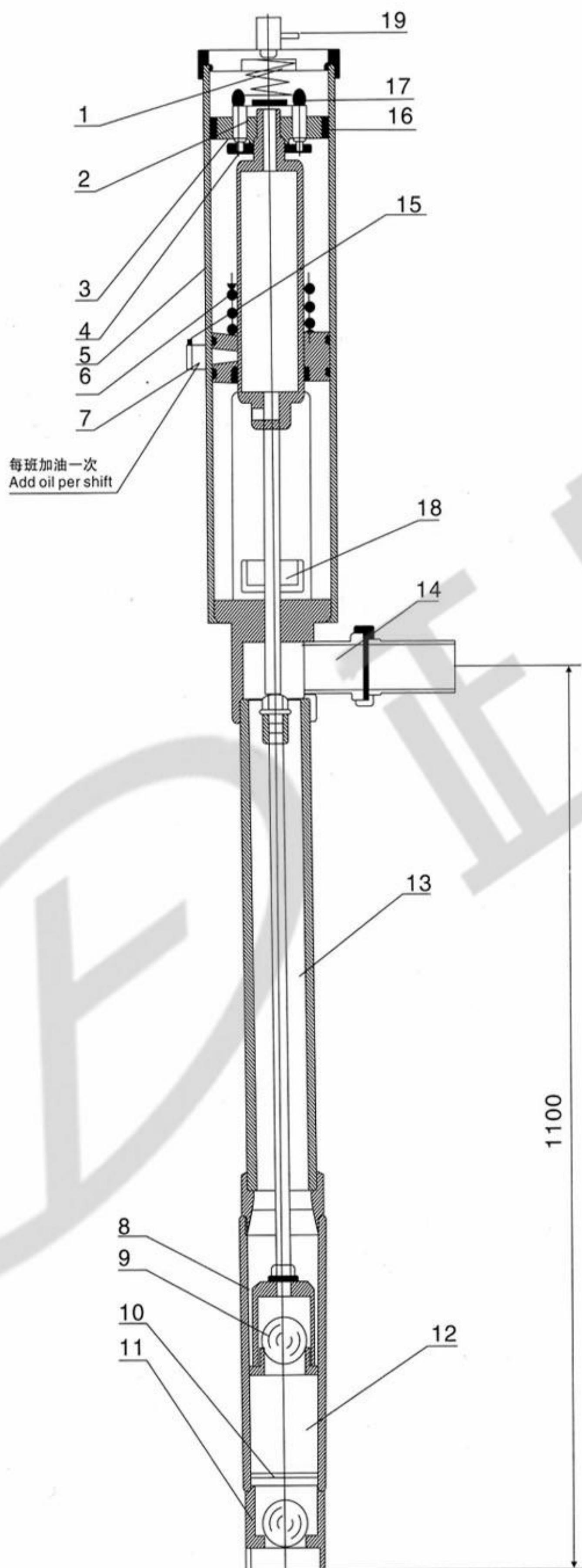
五、注意事项 V Points for attention

1、在工作中，如缸体部位发热（以手感热为准），应立即加30#润滑油。

During working, if the cylinder body has fever (if feel fever by hand), please immediately add 30# lubricating oil.

2、使用过程中如调节螺母松动，发生漏料，应及时调整螺母。

During operation, in case there is leakage due to the adjusting nut is loose, please adjust the nut timely.



气动浆料泵
pneumatic pulp pump

皮革浆料泵
leather pulp pump

皮革打料泵
leather beating pump

产品外形及详细说明：
product appearance as well as detailed descripti

产品描述：
product description

- 1、上弹簧upper spring
- 2、排气口air outlet
- 3、换气口breathing port
- 4、密封底座seal base
- 5、气缸Cylinder
- 6、下弹簧Lower spring
- 7、进气口air inlet
- 8、导料活塞guide piston
- 9、钢球steel ball
- 10、进料阀feed valve
- 11、钢球steel ball
- 12、导料缸体feeding cylinder body
- 13、导料管内腔feeding pipe cavity
- 14、出料口discharge port
- 15、进气阀intake valve
- 16、活塞piston
- 17、密封盖air-tight cover
- 18、调节螺母Adjustment nut
- 19、加油阀oiling valve



序号: 01

产品名称: 上宝塔弹簧

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Upper pagoda spring

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 02

产品名称: 下弹簧

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Lower spring

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 03

产品名称: 气门盖

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Valve cover

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 04

产品名称: 气门底座

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Valve base

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 05

产品名称: 气门活塞

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Valve piston

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 06

产品名称: 气缸密封环

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Cylinder sealing ring

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 07

产品名称: 活塞内密封环

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Sealing ring in piston

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 08

产品名称: 活塞外密封环

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Sealing ring outside piston

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 09

产品名称: 气门活塞轴
所属类别: 配件对照图片
产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Valve piston shaft
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 10

产品名称: 气门活塞杆
所属类别: 配件对照图片
产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Valve piston rod
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 11

产品名称: 调节密封环
所属类别: 配件对照图片
产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Regulation sealing ring
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 12

产品名称: 提料活塞体
所属类别: 配件对照图片
产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Piston body for carrying material
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 13

产品名称: 吸料阀

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Suction valve

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 14

产品名称: 进料阀

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Inlet valve

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 15

产品名称: 进料密封环

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Inlet sealing ring

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号: 16

产品名称: 进料密封座

所属类别: 配件对照图片

产品描述: 以上产品为实物图, 图片大小依照规格为准。

Name of product: Inlet sealing socket

Category: comparison photos of fittings

Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号：17

产品名称：弹簧座
所属类别：配件对照图片
产品描述：以上产品为实物图，图片大小依照规格为准。

Name of product: Spring seat
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.



序号：18

产品名称：气缸帽
所属类别：配件对照图片
产品描述：以上产品为实物图，图片大小依照规格为准。

Name of product: Cylinder lid
Category: comparison photos of fittings
Description of product: the above products are life-size, size of pictures are in accordance with the specifications.

型号 Model	BSY-A0.8 型	BSY-B1.2 型	BSY-C3.2-2 型	BSY-C3.2-1 型	BSY-D5.0 型
外型 Dimension	Φ100mmXH1450mm	Φ100mmXH1400mm	Φ120mmXH1620mm	Φ120mmXH1520mm	Φ150mmXH1720mm
重量 Weight	14kg	15kg	23kg	20kg	42kg
流量(吨/小时) Flow (t/h)	0.4-1.2/1	0.5-1.5/1	0.8-3.8/1	1.0-3.8/1	1.6-5.8/1
通过颗粒 Particle	Φ1.2mm	Φ1.2mm	Φ3mm	Φ1.2mm	Φ5mm
扬程 Lift	30m	30m	30m	30m	30m
粘度 Viscosity	5万cps/25℃	5万cps/25℃	5万cps/25℃	5万cps/25℃	5万cps/25℃
进出口外径 Outlet/inlet OD	51mm 32mm	57mm 32mm	76mm 38mm	57mm 38mm	88mm 50mm
出料接口 Discharging port	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
供气接口 Gas supply port	1/4"	1/4"	3/8"	3/8"	3/8"
供气压力 Gas supply pressure	0.3-1.0mpa/min	0.3-1.0mpa/min	0.3-1.0mpa/min	0.3-1.0mpa/min	0.3-1.0mpa/min
出料压力 Discharging pressure	3-10mpa	3-10mpa	3-10mpa	3-10mpa	3-10mpa
气缸压力比 Cylinder pressure ratio	2:1	2:1	3:1	4:1	3:1
耗气量 Gas consumption	0.3-1.0m³/min	0.3-1.0m³/min	0.3-1.0m³/min	0.3-1.0m³/min	0.3-1.0m³/min

注：BSY-A0.8 型 BSY-B1.2 型 BSY-C3.2-1 型适用180-200升密封桶。
Note: BSY-A0.8; BSY-B1.2 BSY-C3.2-1 apply to sealing barrels of 180~200L.



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