

## 28600 Series

### Hygienic Stainless Steel Pedestal Pump

#### Features

- Self primes from dry up to 5.0 metres
- Flows up to 520 litres per minute
- Pressure up to 5.0 bar
- Handles soft solids - max. 18mm diameter
- Certified to US 3A Standard 02-09
- Clean-In-Place (CIP) or easy strip clean
- Handles viscosities up to 50,000 centiPoise
- Minimal shear to thixotropic fluids
- Quick release end cover clamp



#### Typical Applications

- Foods, sauces, doughs, preserves, liquid egg, meat pastes
- Dairy products, milk, cream, yoghurt, cheeses
- Cosmetics, toothpaste, shampoos, soaps
- Pharmaceutical creams & lotions
- Wines, beers, soft drinks, fruit juices & syrups
- Ingredients unloading and transfer
- Tank filling and emptying
- Recirculation and mixing
- Portion and container filling
- Brine injection
- Sampling, filtration and more

#### Specifications

**Seal** : Carbon / Stainless Steel mechanical face  
Tungsten Carbide / Stainless Steel hard faced  
Flushed options for crystallising fluids

**Seal Elastomer** : Food grade Nitrile O-rings

**Pump Head** : Stainless steel 316, machined interior and electropolished exterior finish

**End Cover** : Stainless steel 316 grade

**Shaft** : Stainless steel 316 grade

**Bearings** : Greased ball bearings

**Bearing Housing** : Epoxy coated cast iron

Ports :			
2½"	Tri-Clamp		28600-1xxx
63.5mm	IDF/ISS		28600-3xxx
2½"	RJT to BS1864		28600-4xxx
2½"	3A Bevel Seat		28600-5xxx
65mm	DIN 11851		28600-6xxx
63.5mm	SMS 1145		28600-7xxx

**Weight** : 22.0kg

#### Model Range


Pressure options	Standard - Max 2.0 bar		High - Max 5.0 bar	
Elastomer option	3A Neoprene		3A Neoprene	
Temperature range	4°C to 65°C		4°C to 65°C	
<b>Mechanical Seal Options</b>				
Carbon/Stainless Steel	28600-x105		28600-x125	
Tungsten Carbide/SS hard faced			28600-x225	
<b>Flushed Mechanical Seal</b>				
Tungsten Carbide/SS hard faced			28600-x725	
Carbon/Stainless Steel			28600-x925	

For models not listed above, consult distributor or factory, 'x' Substitute port code from table above


**Note** : it is not recommended to start the pump at extremes of the temperature range, impeller damage may occur

For Installation, Operating, Maintenance and Safety Instructions refer to form 43001-0543

**⚠ WARNING** Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.

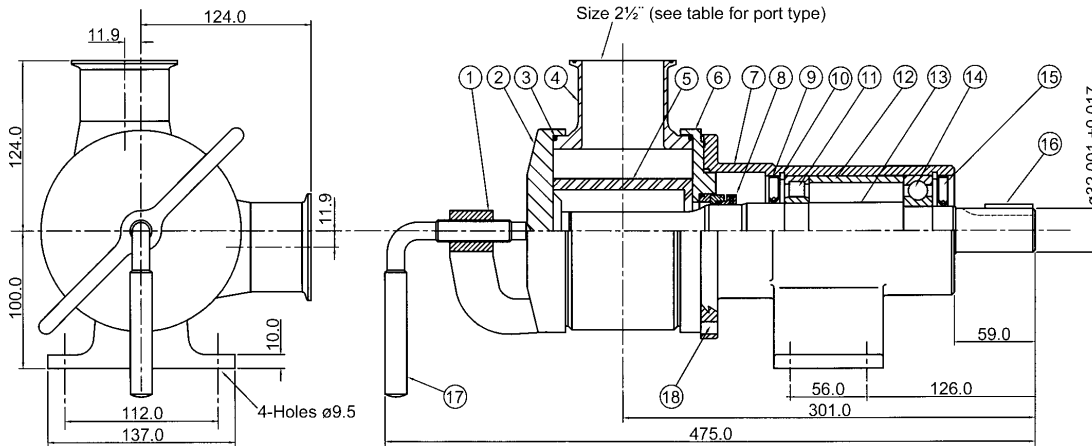


**⚠ WARNING** Injury hazard. Exposed pulleys and belts can cause injury. Install shield around pulleys and belts. Stay clear while machinery is operating.



**JABSCO®**

# 500 Size Hygienic Stainless Steel FIP Pump

**12/02****28600 Series**

Dimensions in mm

For performance data refer to the 500 size flexible impeller pump performance curves

Flushed Seal Seal setting

## Parts List

Key	Description	Qty	Part Number
1	Clamp Frame	1	21909-0000
2	Endcover	1	22007
3	O'Ring *	2	See right
4	Body	1	See right
5	Impeller*	1	See right
6	Wearplate	1	28606-0000
7	Bearing Housing	1	28503-0000
8	Seal Assembly *	1	See right
9	Lip seal (Front Bearing)	1	SP2701-0912
10	Retaining Ring	2	SP1701-437
11	Bearing (Front)	1	SP2601-23
12	Spacer	1	28643-0000
13	Shaft	1	28607-0000
14	Bearing (Rear)	1	SP2601-0460
15	Lip seal (Rear Bearing)	1	SP2701-0930
16	Key	1	X4000-528A
17	Clamp Screw	1	21908
18	Locating Peg	2	28649-0000
22	O-Ring	1	X4020-269A
23	Seal Housing	1	28512-0000
24	Tube	2	21844
25	Seal	1	SP2701-0915
28	Wearplate	1	28616-0000

Parts marked \* Contained in service kit

## Spare Parts & Service Kits

Pressure Rating		Standard	High	
3	O-Ring	Nitrile	SP2000-1213	SP2000-1213
4	Impeller	3A Neoprene	8500-0005	21899-0005B
5	Body	Tri-Clamp	22004-1001	22004-1001
		IDF/ISS	22004-3001	22004-3001
		RJT	22004-4001	22004-4001
		Bevel Seat	22004-5001	22004-5001
		DIN	22004-6001	22004-6001
8	Seals	SMS	22004-7001	22004-7001
		Std Mech.	SP6080-0382	SP6080-0382
	Seals	Hard Faced	SP6080-0390	SP6080-0390
		3A Neoprene		SK395-0125
Service Kit				

Models with Neoprene impellers use Nitrile elastomers on seals and O-rings.

NOTE:- Service Kits contain standard mechanical seals. For hard faced seals, order parts separately.

## Other Available Options

Head kits, for close coupling to IEC motors.

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