

500 Size Hygienic Stainless Steel FIP Pump

12/02

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 :		Tri-Clamp	28600-1xxx
	63.5mm	IDF/ISS	28600-3xxx
	21/2"	RJT to BS1864	28600-4xxx
	21/2"	3A Bevel Seat	28600-5xxx
		DIN 11851	28600-6xxx
	63.5mm	SMS 1145	28600-7xxx

Model Range

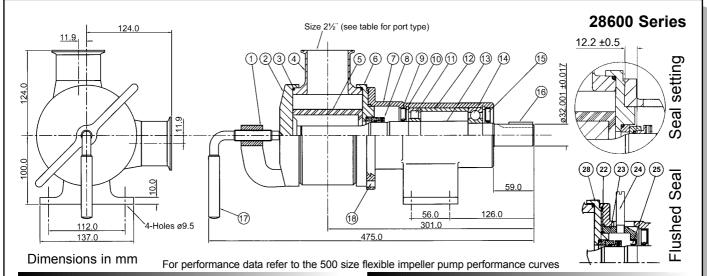
Weight : 22.0kg

Pressure options	Standard - Max 2.0 bar		High - Max 5.0 bar	
Elastomer option	3A Neoprene	34	Neoprene	
Temperature range	4°C to 65°C	4%	C to 65°C	
Mechanical Seal Options				
Carbon/Stainless Steel	28600-x105	28	600-x125	
Tungsten Carbide/SS hard faced		28	600-x225	
Flushed Mechanical Seal				
Tungsten Carbide/SS hard faced		28	600-x725	
Carbon/Stainless Steel		28	600-x925	
For models not listed above, consult	distributor or factory, 'x' Substi	tute port code from table ab	ove	
Note : it is not recommended to start	the pump at extremes of the te	mperature range, impeller da	amage may occur	
For Installation, Operating, Mainter	nance and Safety Instructions	refer to form 43001-0543		
WARNING Explosion hazard. solvents, thinners or To do so can cause injury or death.	Do not pump gasoline, other flammable liquids. an explosion resulting in		njury. Install shi	d pulleys and belts can eld around pulleys and achinery is operating.



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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)		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	Parts marked * Contained in service kit					

Spare Parts & Service Kits

sure Ratin	g	Standard	High			
O-Ring	Nitrile	SP2000-1213	SP2000-1213			
Impeller	3A Neoprene	8500-0005	21899-0005B			
imperior						
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			
	SMS	22004-7001	22004-7001			
Seals	Std Mech.	SP6080-0382	SP6080-0382			
	Hard Faced	SP6080-0390	SP6080-0390			
oo Kit	3A Neoprene		SK395-0125			
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.						
	Impeller Body Seals ce Kit Is with Ne and O-ring E:- Service	Impeller 3A Neoprene Impeller Tri-Clamp IDF/ISS RJT Body Bevel Seat DIN SMS Seals Std Mech. Hard Faced 3A Neoprene Is with Neoprene impelland O-rings. Sental Service Kits contain state	Impeller 3A Neoprene 8500-0005 Impeller Tri-Clamp 22004-1001 IDF/ISS 22004-3001 RJT 22004-4001 Bevel Seat 22004-5001 DIN 22004-6001 Seals Std Mech. Hard Faced SP6080-0382 Hard Faced SP6080-0390 ce Kit SA Neoprene Is with Neoprene impellers use Nitrile and O-rings. E:- Service Kits contain standard mecha			

Other Available Options

Head kits, for close coupling to IEC motors.

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