

010 Size Flexible Impeller AC Motor Pump Unit

2/99

53010 Series

Stainless Steel Flexible Impeller Pump

Features

- Self prime from dry up to 1.5 metres
- Flows up to 12 litres per minute
- Pressure up to 3.5 bar
- · Handles hard or soft solids
- · Tolerates abrasive wear
- Non pulsating flow
- · Handles viscosities up to 500 centiPoise
- · Uses standard IEC motor



- Industrial: Industrial filling systems, utility shop pump, transfer systems, recharge water softeners, sump emptying, cooling tower circulation, line cleaning, heat exchangers, air scrubbers, laboratory circulation, oil changing.
- Food, Beverage & Dairy: Vending Machines, refrigeration condensate pump out, wash down equipment & floor cleaning.
- Further applications in the industrial, marine farming & plumbing sectors, see our Bronze range of Flexible Impeller pumps



Specifications

Seal: Mechanical face, Carbon on Ceramic. Butyl elastomers.

Pump Head: Stainless steel 316

End Cover: Stainless steel 316

Bearings: Uses motor bearings

Shafts: Stainless steel shaft extension

Ports: 1/2" BSP External

Motor Adaptor: Stainless steel, fixed to pump head

Weight: 6.3kg

Model Options

Impeller option				Neoprene 3A	Neoprene	Nitrile	Neoprene HT
Temperature range				4°C to 65°C	4°C to 80°C	-5°C to 90°C	4°C to 105°C
Poles	Volts	Amps	RPM				
4	230	2.13	1450	53010-2115	53010-2111	53010-2113	
2	230	1.88	2850	53010-02-2115			
4	115	4.20	1450	53010-03-2115			
Pump head only 5				53011-2115	53011-2111	53011-2113	

All motors are single phase, 180 Watt, 50 Hertz, AC. Face & Foot mounting B3-B14.

Enclosure IP55, frame size 63 all IEC 72 standard. Fitted with manual reset thermal overload.

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

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



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

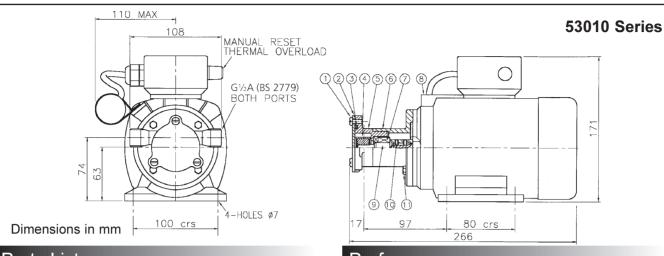


Fire hazard. Wiring must comply with applicable electrical standards and include a properly sized fuse or circuit breaker. Improper wiring can cause a fire resulting in injury or death



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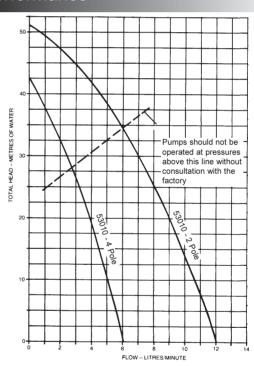
Parts List

Key	Descri	otion	Qty	Part Number				
1	Screw *		3	X3002-151F				
2	Endcove	er	1	11154-0020				
3	O'Ring '	*	1	SP2000-58				
4		Neoprene 3A	1	12298-0015				
	Impeller	Neoprene	1	9200-0001				
	Impener	Nitrile	1	9200-0003				
		Neoprene HT	1	23250-0065				
5	Body		1	22174-2100				
6	Adaptor		1	53016-000				
7	Seal Ass	sembly *	1	SP8021-0301				
		4 Pole 230V	1	SP8012-0260				
8	Motor	2 Pole 230V	1	SP8012-9266				
		4 Pole 115V	1	98012-9279				
9	Shaft Extension Kit		1	53017-0000				
10	Set Screw		2	X3009-093F				
11	Screw M4 x 16		4	X3001-153F				
Parts marked * Contained in service kit								
		Neoprene 3A	1	SK320				
Service Kit		Neoprene	1	SK320-02				
		Nitrile	1	SK320-0113				
		Neoprene HT	1	SK320-0115T				

Motor Spares

motor opare	,3		
Capacitor		1	X5501-033
Fan Cowl		1	X5501-034
Fan		1	X5501-035
Foot		1	X5501-036
Thermal ove	rload switch	1	X5501-037
Terminal box	(1	X5501-038
Screw	Terminal box	4	X5501-039

Performance



Note: Performance shown is for a new pump fitted with a Neoprene impeller pumping water at 20°C, performance may vary by up to 15%.

Consult factory for performance of alternative impeller compounds.

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