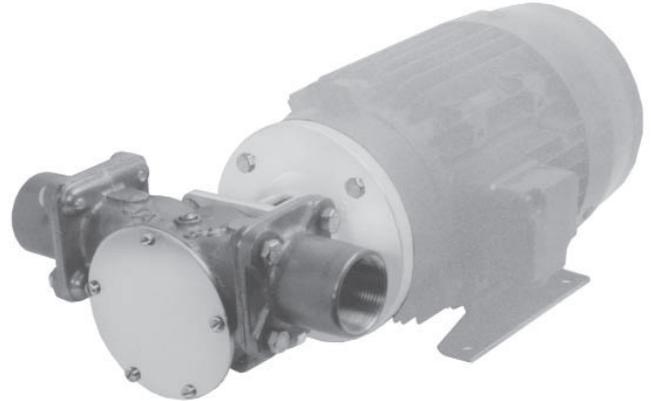


## 22890 Series

### Bronze Flexible Impeller Pump

#### Features

- Flows up to 270 Litres/Minute @ 1500 RPM
- Self prime from dry up to 4.5 metres
- Handles hard or soft solids
- Non pulsating flow
- Gentle pump action does not damage shear-sensitive products
- Easy to service and maintain



#### Typical Applications

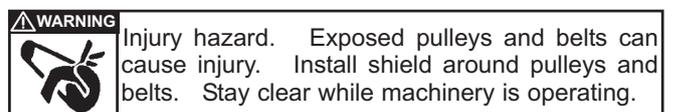
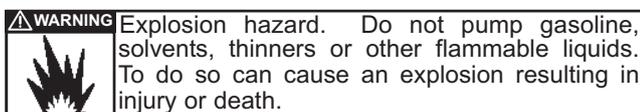
**Industrial** : From water to the most difficult, e.g. transferring foaming solutions with entrained air or solids, such as soap, circulating abrasive and non abrasive slurries. Transferring inks, dyes, starches etc.

**Chemical** : Circulating and transferring various chemicals such as ammonia, barium, copper sulphate, glycerine, nickel chloride, silver nitrate; various acids such as boric, carbonic, citric and photo processing solutions, widely used for polyelectrolyte.

#### Model Options

Impeller option	Neoprene	Nitrile
Temperature range	4°C to 80°C	10°C to 90°C
Pump head only	22890-2001	(Consult factory)
Note : it is not recommended to start the pump at extreme ends of the temperature range, impeller damage may occur		
All models use Nitrile seal elastomers		
Other options available, Pedestal & Motor pump units, in Bronze, Plastic & Stainless steel		

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



#### Specifications

**Seal** : Carbon/Ceramic mechanical seal

**Pump Head** : Bronze

**End Cover** : Brass

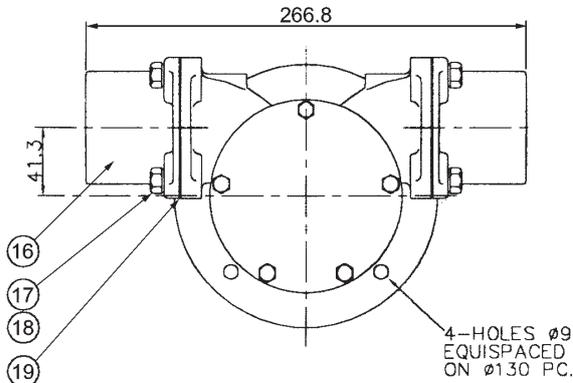
**Bearings** : Uses motor bearings

**Shaft** : 316 Stainless steel shaft extension

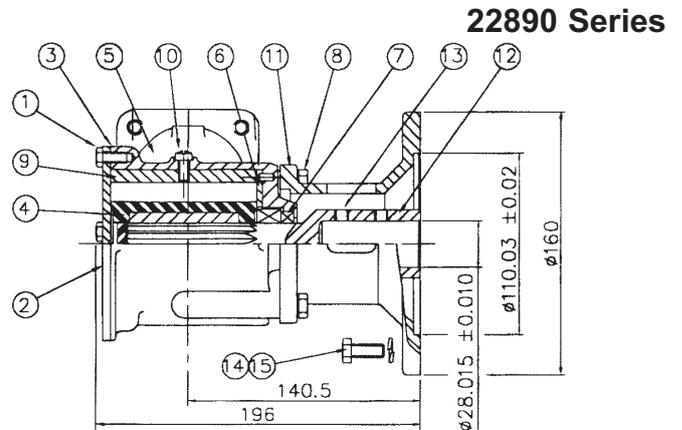
**Motor adaptor** : Epoxy-coated aluminium, suitable for B3/B14 D100 frame motor to IEC 71 standard

**Ports** : Flanged, adaptors available

**Weight** : 9.3kg.



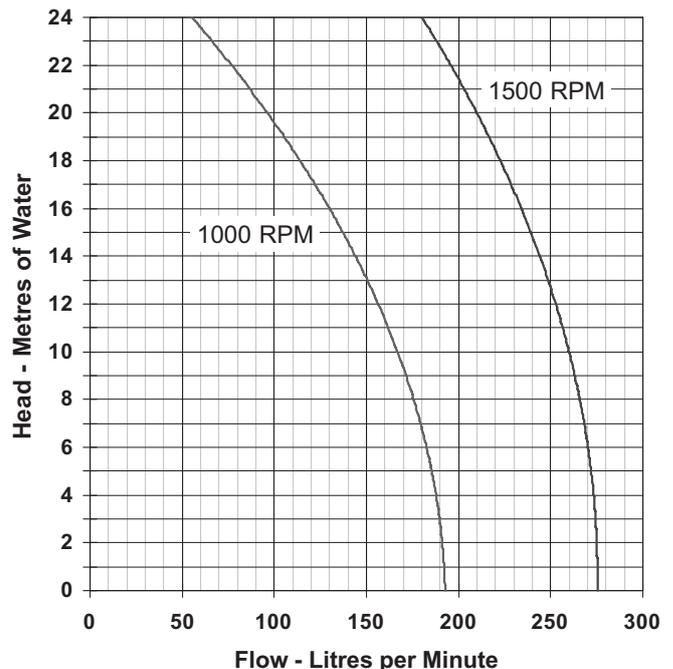
Dimensions in mm



### Parts List

Key	Description	Qty	Part No.
1	Screw*	6	SP1005-04
2	Endcover	1	9336
3	Gasket*	1	816
4	Impeller*	1	17936-0001 Neoprene 17936-0003 Nitrile
5	Body	1	10494
6	Wearplate	1	2574
7	Seal assembly*	1	21849
8	Screw	4	SP1095-28
8a	Washer	4	SP1602-13
9	Cam	1	6988
10	Screw	Cam	1 SP1005-04
11	Adaptor	1	22884
12	Extension	Shaft	1 22887-01
13	Screw	Set	2 X3009-203A
14	Screw		4 X3001-209C
15	Washer		4 X3081-101C
16	Port adaptor #		2" BSP 2 10945 2" NPT 2 10946 2 1/2" Hose 2 10944
17	Screw #		8 SP1095-19
18	Washer #		8 SP1602-09
19	Gasket #		2 10949
Parts marked * above are contained in a Service kit			
		Neoprene	1 SK254
		Nitrile	1 SK254-0003
Parts marked # above are contained in an adaptor kit			
		2" BSP	1 K2-200
		2" NPT	1 K2
		2 1/2" Hose	1 K2-01
Mechanical seals are fitted with Nitrile elastomers			

### 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.

**xylem**  
Let's Solve Water

Jabsco, 1 Kondelin Road, Cape Ann Industrial Park, Gloucester, MA 01930  
Tel: +1 978 281 0440 Fax: +1 978 283 2619

USA

Jabsco, Bingley Road, Hoddesdon, Hertfordshire, FN11 0BU  
Tel: +44 (0) 1992 450 145 Fax: +44 (0) 1992 467 132

UK

NHK Jabsco Co Ltd, 3-21-10, Shin - Yokohama Kohoku-ku, Yokohama 222  
Tel: +81 (0) 45 475 8906 Fax: +81 (0) 45 475 8908

JAPAN

Jabsco GmbH, Oststraße 28, 22844 Norderstedt  
Tel: +49 (0) 40 53 53 73 0 Fax: +49 (0) 49 53 53 73 11

GERMANY

Jabsco Italia, s.r.l., Via Iommaseo, 6, 20059 Vimercate, Milano  
Tel: +39 039 685 2323 Fax: +39 039 666 307

ITALY