

BOMBAS
YUNK

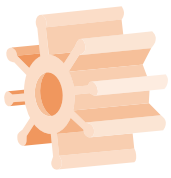
Legros sas

ZI Portuaire - 1 bld de Châtillon
62200 BOULOGNE SUR MER

Tél : 03.21.83.36.81 - Fax : 03.21.83.21.29

Site : www.legros.fr

Courriel : legros@legros.fr - commercial@legros.fr



The self-priming Pumps in the Industrial Series

provide efficient, economical solutions to decanting the widest range of fluids, with a flow-rate from 100 to 4,500 litres/hour

Legros sas

ZI Portuaire - BP 93 - bld de Chatillon
62202 BOULOGNE SUR MER CEDEX
Tél : 03.21.83.36.81 - Fax : 03.21.83.21.29
Site : www.legros.fr

Email : legros@legros.fr - commercial@legros.fr

DESCRIPTION



The pumps that compose the Yunk's Industrial Series have bodies made completely in stainless steel 316 or brass, being equipped with diverse types of electrical motors.

By their studied single constructive design they have a movable piece, without gears and contact metal-metal, characteristics that diminish their wearing down remarkably and guarantee a continued service. They do not need lubrication.

They are versatile and perfectly adaptable, because the body of the pump can turn 360°, enabling the outlets to be positioned in accordance with the installation requirements.

The pump body is eccentric respect to the impeller, due to the levy fixes that it is integrated. Due to this eccentricity the cubicles that is created between the shovels of the turbines changes when turning this one. When the blades lose contact with the cam originate a negative pressure that causes the aspiration of the fluid towards the interior of the camera.

The fluid is transported towards the exit and the trowels return to make contact with the levy, producing an increase of the pressure that impels the liquid to outside.

The pumps are self-priming. The priming is instantaneous (30 s). They can turn self-priming. The can change in any angle and both direction of rotation.

CHARACTERISTICS

- Just one moving part.
- No gearing.
- No valves.
- Tough, compact and noiseless.
- Highly versatile.
- Maintenance-free: they require no greasing or lubrication.
- Self-priming, volumetric and reversible.
- Suction capacity up to 3 m. a.d.c.
- Output pressure up to 3 bar.
- Easily transportable.



APLIC ATIONS

Acids, alcohol, formol, distilled water, water of sea, glycerines, aseptic fluids, brine, scents, fertilizers, soaps, gel, detergents, creams, perfumes, gelatines, dyes, diesel oil, light fuel, mineral oils, liquid fats, etc.

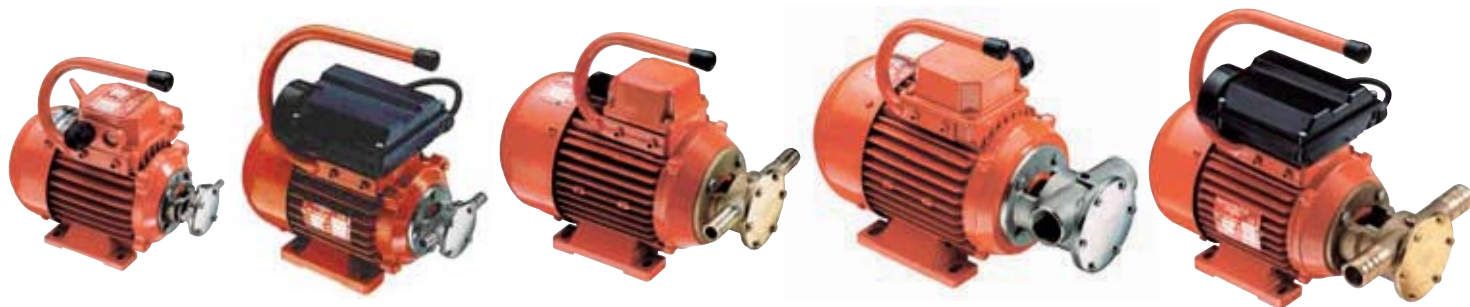
INDUS TRIES

Nautical, pharmaceutical, cosmetic, metallurgical chemistry, water treatment, farming, etc.

ACCESSORIES

Inverter, electronic frequency regulator, transport wheelbarrow.

MONOBLOC INDUS TRIAL SERIES 230 II - 230 / 400 III



PUMP BODY

brass
Stainless steel

IMPELLERS

NEOPRENO NEOPRENE :	general use	70°C
NITRILO NITRIL :	for oil and by-products	80°C
HYPALON HYPALON :	for chemical products	110°C
E.P.D.M. M.D.P.E :	for corrosive products	80°C
SANITARIA SANITARY :	for foods use	100°C

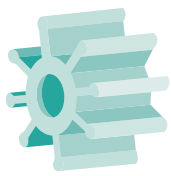


MODEL	CTE	r.p.m	C.V.	kW	l/h	bar
MINI	230 II	1.500	0,10	0,075	100	2
D-2	230 II	1.500	0,16	0,12	250	3
	230/400 III	1.500	0,16	0,12	250	3
	230/400 III	1.000	0,16	0,12	225	2,5
A-2	230 II	1.500	0,25	0,18	700	3
	230/400 III	1.500	0,25	0,18	700	3
B-2	230 II	1.500	0,33	0,25	1.200	3
	230/400 III	1.500	0,33	0,25	1.200	3
	230/400 III	1.000	0,33	0,25	700	2,5
E-2	230 II	1.500	0,33	0,25	2.300	3
	230/400 III	1.500	0,33	0,25	2.300	3
	230/400 III	1.000	0,33	0,25	1.500	2,5
F-2	230 II	1.500	0,75	0,55	4.500	3
	230/400 III	1.500	0,75	0,55	4.500	3
	230/400 III	1.000	0,50	0,37	3.000	2,5
	230/400 III	750	0,33	0,25	2.000	1,5

HIGH PRESSURE MONOBLOC INDUS TRIAL SERIES 230 / 400 III

MODEL	CTE	r.p.m	C.V.	kW	l/h	bar
E-3	230 / 400 III	1.500	1,0	0,75	2.200	5,0
F-3	230 / 400 III	1.500	1,5	1,12	4.200	5,0





Las bombas Autocebantes de la Série Sanitaria

solucionan el trasiego de la más amplia gama de productos alimentarios, químicos y farmacéuticos, con caudales de 2.000 a 50.000 l/h

The Self-priming Pumps in the Sanitary Series

provide solutions to decanting the widest range of foods, chemical and pharmaceutical products, with a flow-rate from 2,000 to 50,000 l/h.

DESCRIPCIÓN DESCRIPTION

La Série Sanitaria es una gama de bombas de turbina flexible especialmente diseñada para solucionar las necesidades de trasiego de líquidos en la industria alimentaria. Los cuerpos de las bombas están fabricados íntegramente en acero inoxidable 316 L.

La turbina es fabricada en nitrilo sanitario, con certificado según las normas FDA del Laboratorio General de Ensayos e Investigación de la Generalitat (L.G.A.I.).

Las bombas sanitarias aportan una gran facilidad de limpieza, permitiendo su desmontaje en pocos segundos y sin necesidad de herramientas.

Su estudiado diseño permite una total visualización de todas las partes en contacto con el producto, ya que no existen puntos ciegos donde puedan desarrollarse las bacterias.

The Sanitary Series is a range of flexible impeller pumps, specially designed to provide sol Industry; the pump bodies are made wholly in 316 L stainless steel.

The impeller of completely Sanitary, earning the certificate according to the FDA standards of the General Testing and Research Laboratory of the "Generalitat" (Catalan Regional Government) (the L.G.A.I.),

The Sanitary pumps are very easy to clean, and can be disassembled in just a few seconds, with no need for tools.

Their carefully studied design allows complete visualization of all parts in contact with the product, as there can be no blind spots where bacteria can breed.

CARACTERÍSTICAS CHARACTERISTICS

- Totalmente desmontables en segundos.
- Sin levas ni elementos que puedan producir contaminación.
- Capacidad de trasegar productos viscosos de hasta 22.000 cP.
- Fácilmente transportables.
- Flujo constante.
- Autocebantes.
- Volumétricas y reversibles.
- Trasega productos delicados sin dañarlos.
- Capacidad de aspiración hasta 3 m c.d.a.
- Presión de salida hasta 3 bar.

- Full disassembly in seconds.
- No cams or elements which could cause contamination.
- They can decant viscous products up to 22,000 cP.
- Easily transportable.
- Constant flow.
- Self-priming.
- Volumetric and reversible.
- Decanting of delicate products without damaging them.
- Suction capacity up to 3 m. a.d.c.
- Output pressure up to 3 bar.



TURBINAS IMPELLERS

Las turbinas de paletas flexibles no tienen elementos cortantes y permiten a la bomba trabajar a bajas velocidades, por lo que tratan el producto con el máximo cuidado, sin dañarlo (aún con baja presión y en depresión). Disponemos de turbinas flexibles fabricadas en diversos materiales, en función del producto a bombear. Soportan distintos líquidos a distintas temperaturas.

The flexible blade impellers are free from cutting elements and enable the pump to work at high revolutions, and so they treat the product with the utmost care, without damaging it (even if low in pressure and in negative pressure). Depending on the type of product to be pumped, we have flexible impellers made in different materials, which support different liquids at different temperatures.

APLICACIONES APPLICATIONS

Leche, yogourt, glucosa, vino, mostos, miel, mermelada, zumos, alcohol, aceite, salmuera, agua destilada, champú, entre otros.

Milk, yoghurt, glucose, wine, musts, honey, jam, juices, alcohol, oil, brine, distilled water, shampoo, amongst

INDUSTRIAS INDUSTRIES

Láctea, frutícola, pastelera, envasadora, farmacéutica, química, vitivinícola, destilerías, dermo-farmacia.

Dairy, Fruit, Patisserie, Packaging, Pharmaceutical, Cosmetics, Chemical, Wine-making, Distilleries, Dermo-pharmacy



SERIE SANITARIA 230 II, 230/400 III, 12 V, 24 V y EJE LIBRE

SANITARY SERIE 230 II, 230/400 III, 12 V, 24 V and FREE SHAFT



G



R-10



EJE LIBRE
Free shaft



R-20



R-50



EMBRAGUE ELÉCTRICO Electric clutch
12V - 24V

TURBINAS IMPELLERS

NEOPRENO NEOPRENE :	de utilización general general use	70°C
NITRIL NITRIL :	para aceites y derivados for oil and by-products	80°C
HYPALON HYPALON :	para productos químicos for chemical products	110°C
E.P.D.M. M.D.P.E :	para productos corrosivos for corrosive products	80°C
SANITARIA SANITARY :	para uso alimentario for foods use	100°C
ST ST :	para uso alimentario for foods with high temperatures use	130°C
SB WS :	para uso alimentario (blanco) for foods with high temperatures use	100°C

(Las turbinas sanitarias tienen certificado FDA)
(The Sanitary impeller with certificate according to FDA standards)

MODELO MODEL

CTE

r.p.m

C.V.

kW

l/h

bar

G

230 II	1.500	0,75	0,55	4.500	3
230 II	1.000	1,00	0,75	4.500	3
230/400 III	1.500	0,75	0,55	4.500	3
230/400 III	1.000	0,50	0,37	3.000	2,5
230/400 III	750	0,33	0,25	2.000	2
12 V	1.500	0,50	0,37	4.500	3
24 V	1.500	0,50	0,37	4.500	3
230/400 III	1.500	0,75	0,55	ANTIDEFLOGRANTE FLAMEPROOF	

BOMBA A EJE LIBRE / FREE SHAFT PUMP

BOMBA CON EMBRAGUE ELÉCTRICO / ELECTRIC CLUTCH PUMP

R-10

220 II	1.500	2,00	1,50	20.000	2,5
230/400 III	1.500	1,50	1,12	10.000	2,5
230/400 III	1.000	1,00	0,75	7.500	2
230/400 III	750	0,75	0,55	4.500	1,2
24 V	1.500	1,50	1,12	10.000	2,5
230/400 III	1.500	1,50	1,12	ANTIDEFLOGRANTE FLAMEPROOF	

BOMBA A EJE LIBRE / FREE SHAFT PUMP

R-20

220 II	1.500	2,00	1,50	20.000	2,5
230/400 III	1.500	2,00	1,50	20.000	2,5
230/400 III	1.000	1,50	1,12	12.000	2
230/400 III	750	1,00	0,75	8.000	1,2
24 V	1.500	2,00	1,50	20.000	2,5
230/400 III	1.500	2,00	1,50	ANTIDEFLOGRANTE FLAMEPROOF	

BOMBA A EJE LIBRE / FREE SHAFT PUMP

R-50

230/400 III	1.000	5,50	4,0	50.000	2,5
230/400 III	750	5,10	3,8	40.000	2
230/400 III	1.000	5,50	4,0	ANTIDEFLOGRANTE FLAMEPROOF	2,5

BOMBA A EJE LIBRE / FREE SHAFT PUMP



BOMBA MONOBLOC DE DOS VELOCIDADES

2 SPEED MONOBLOC PUMP



R-20



R-10

**MOTOR 2 VELOCIDADES
CON CAJA INVERSORA
DAHLENDER**

**2 SPEED MOTOR
WITH DAHLENDER
INVERTER BOX**

DESCRIPCIÓN DESCRIPTION

Bomba dotada con una caja eléctrica "Dahlender" que permite trabajar en ambos sentidos de rotación, a la velocidad nominal y a la mitad de la misma.

Pump with "Dahlender" inverter box. These equipment allows work in to speeds, the nominal speed and the half nominal speed. The pump can work in both direction of rotation.

MODELO MODEL	CTE	r.p.m	C.V.	kW	l/h	bar
R-10	230/400 III	1.500	2,00	1,50	10.000	2,5
	230/400 III	750	1,20	0,90	4.500	1,2
R-20	230/400 III	1.500	2,00	1,50	20.000	2,5
	230/400 III	750	1,20	0,90	8.000	1,2
R-50	230/400 III	1.000	5,50	4,10	50.000	2,5
	230/400 III	500	3,00	2,20	30.000	2