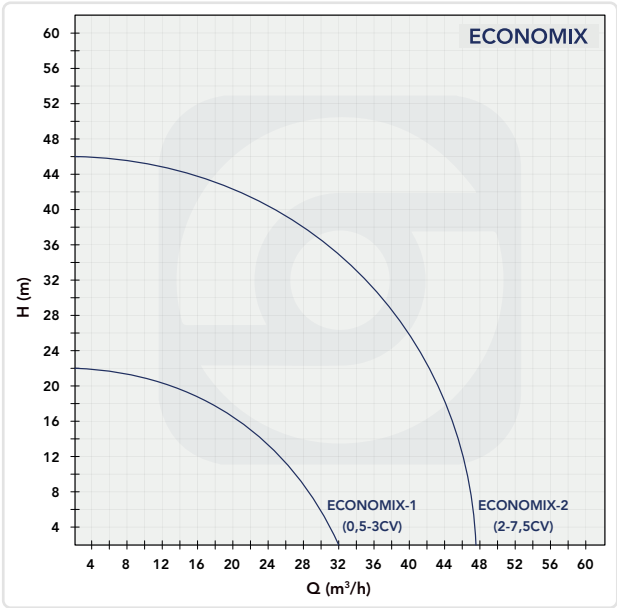




ECONOMIX Series

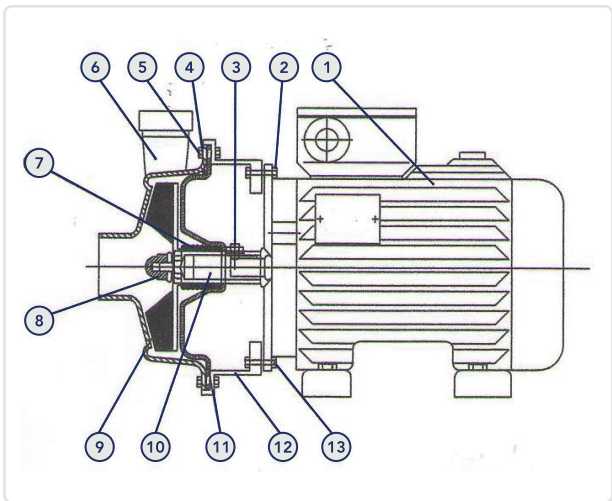
Monobloc Stainless Steel Centrifugal Pump



Description

- Monobloc centrifugal pump, easy to assemble and simple to maintain.
- The components in contact with the transfer fluid are made of AISI 316L, while the rest are made of AISI 304. The exterior is matte-polished.
- It features a casing and an open impeller made by investment casting.
- The sealing solution is a standardized, simple internal mechanical seal, offering great versatility in construction materials for full adaptation to the transfer fluid.
- Ideal for the food, chemical, oenological, and other industries.
- A wide variety of applications for any type of fluid compatible with the construction materials, with a viscosity not exceeding 350 cps. Application examples include wines, beers, liquors, waters, oils, acids, and more.
- Suction and discharge ports with gas threads as standard. Other types of threads or flanges can be customized upon request.
- Optionally, a coating for the motor in AISI 304 and a baseplate can be installed to facilitate its installation.
- It is used for liquids in a positive suction head or under suction up to 6 meters with a foot valve or check valve.

Parts breakdown



N°	Designation	N°	Designation
1	Motor	8	Screw
2	Screw	9	Impeller
3	Set screw	10	Shaft
4	O-ring	11	Flange cover
5	Nut	12	Flange
6	Pump casing	13	Screw
7	Mechanical seal		



The technical drawings illustrate the geometry of the pump assembly. The front view (left) shows a circular pump body with a central inlet/outlet, a top-mounted motor, and a side-mounted diffuser. Dimensions include X_3 (motor width), DND (diffuser diameter), Y_1 (total height), Y_T (height to diffuser), Y_2 (height to base), and X_6 (base width). The side view (right) shows the pump body, motor, and diffuser from the side. Dimensions include X_1 (diffuser width), X_2 (motor width), X_T (total width), DNS (diffuser diameter), X_4 (pump body width), and X_5 (motor width).

Model	Motor		Pump dimensions												Weight
	Type	kW	DNS	DND	X _T	Y _T	X ₁	X ₂	X ₃	X ₄	X ₅	X ₆	Y ₁	Y ₂	kg
ECONOMIX-1	71	0,37	1 1/2" 2"	1 1/4" 1 1/2"	327	229	53	274	60	165	90	112	158	71	12
	71	0,55	1 1/2"	1 1/4"											238
	80	0,75	1 1/2" 2"	1 1/4" 1 1/2"	393	248					340	125		140	90
	80	1,1	1 1/2" 2"	1 1/4" 1 1/2"			17								
	90S	1,5	1 1/2" 2"	1 1/4" 1 1/2"			19								
	90L	2,2	2" 2"	1 1/2"			23								
ECONOMIX-2	90S	1,5	1 1/2" 2" 2 1/2"	1 1/2" 1 1/2" 2"	397	253	57	340	95	195	100	140	163	90	24
	90L	2,2	1 1/2" 2" 2 1/2"	1 1/2" 1 1/2" 2"							125	100			27
	100	3	1 1/2" 2" 2 1/2"	1 1/2" 1 1/2" 2"	443	263					386	160		100	36
	112	4	1 1/2" 2" 2 1/2"	1 1/2" 1 1/2" 2"	455	275	398	140	190	112	37				
	112	5,5	2" 2 1/2"	1 1/2" 2"				47							