sOmeflu

Generalities

The centrifugal pumps of ECO range are intended for pumping of very aggressive fluids. They are equipped with mechanical seal specially designed for industry requirement and high technology.

These pumps complete the HMP range with more than 100 000 units already in service.

Advantages

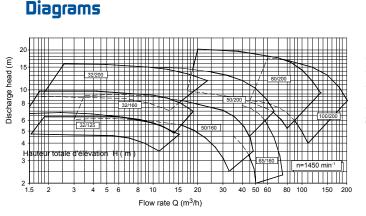
- New hydraulics allowing very high performances.
- A connection between the pump and the motor that allow a very easy dismantling even after many years of service in corrosive ambiance.
- Simplified maintenance : identical mechanical seal for the whole ECO range.
- Close coupled pump without any adjustment.
- IEC standards normalized motors.

Construction

The hydraulic part is entirely realized of thick-walled plastic materials.

Materials used : Polypropylene PP or PP-EL for ATEX.

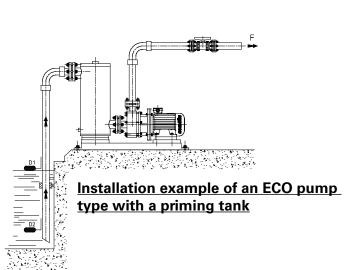
Mechanical seal can be provided with Sic / Sic or Sic / Carbon faces.



Priming tank

The ECO range pumps are horizontal, single stage close coupled centrifugal pumps intended to be installed with suction head.

When working with suction lift, the pumps are equipped with a priming tank specially designed for the most difficult applications.

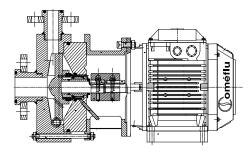


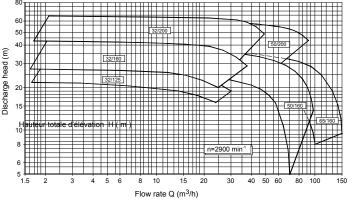
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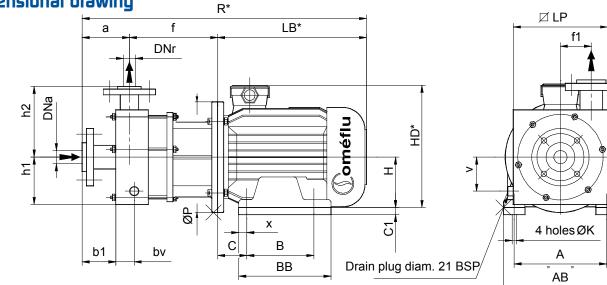




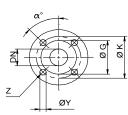




Dimensional drawing



Connexions



	F	langes	ISO PN	16		
DN	к	Y	Z	G	α*	
32	100	18	4	60	45°	
50	125	18	4	90	45°	
65	145	18	4	90	45°	
80	160	18	8	125	22°30′	
100	180	18	8	150	22°30′	
125	210	18	8	188	22°30′	

Connect pipes on pump without strain!

Application fields

- Surface treatment installations.
- Waste water treatment.
- Especially well adapted for gas
- cleaning units.
- Scrubber installations.
- Pumping of all acid or alkaline fluids.
 Sea water for aquariums and
- thalassotherapy.

	Ν	Motors		Flar	0000	PUMP DIMENSIONS										MOTOR DIMENSIONS											
ECO Ty		e P(Kw		1 Iai	iyes		FUME DIMENSIONS																				
		2900	1450	DNa	DNr	Н	а	f	f1	h1	h2	b1	LP	V	bv	C1	Α	AB	в	BB	С	HD	к	LB	Ρ	R	T
	100 L	З	2,2/3	50	32	100	105	205	77	115	175	60	230	77	55	60	160	1%	140	165	63	238	12	290	250	600	Ī
32/125 112 N	112 M	4		1		112	105	205	77	115	175	60	230	77	55	48	190	220	140	165	70	250	12	290	250	600	t
	132 S	5,5/7,5		1		132	105	225	77	115	175	60	230	77	55	28	216	250	140	170	89	280	12	350	300	680	t
32/160 112	100 L	З	2,2/3	50	32	100	105	205	81	135	195	60	270	85	55	60	160	1%	140	165	63	238	12	290	250	600	t
	112 M	4				112	105	205	81	135	195	60	270	85	55	48	190	220	140	165	70	250	12	290	250	600	Ī
	132 S	5,5/7,5		1		132	105	225	81	135	195	60	270	85	55	28	216	250	140	170	89	280	12	350	300	680	t
100 L 112 M	100 L	З	2,2/3	50	32	100	105	205	102	150	210	60	300	105	55	60	160	196	140	165	63	238	12	290	250	600	Ī
	112 M	4	4			112	105	205	102	150	210	60	300	105	55	48	190	220	140	165	70	250	12	290	250	600	Ī
32/200	132 S	5,5/7,5				132	105	225	102	150	210	60	300	105	55	28	216	250	140	170	89	280	12	350	300	680	I
	132 M	9/11				132	105	225	102	150	210	60	300	105	55	28	216	250	178	208	89	307	12	387	300	717	Ī
	160 M	15				160	105	255	102	150	210	60	300	105	55	20	254	294	210	294	108	368	14	468	35 0	828	Ī
100 L 112 M 50/160 132 S	100 L	Э	2,2/3	80	50	100	115	205	81	135	195	70	270	90	55	60	160	1%	140	165	63	238	12	290	250	610	I
	4	4	1		112	115	205	81	135	195	70	270	90	55	48	190	220	140	165	70	250	12	290	250	610	Ī	
	5,5/7,5				132	115	225	81	135	195	70	270	90	55	28	216	250	140	170	89	280	12	350	300	690	Ī	
	132 M	9/11				192	115	225	81	135	195	70	270	90	55	28	216	250	178	208	89	307	12	387	300	727	Ī
	160 M	15		1		160	115	255	81	135	195	70	270	90	55	20	254	294	210	294	108	368	14	468	350	838	Ī
	100 L		2,2/3	100	65	100	155	2Ъ	115	185	255	100	370	125	73	100	160	196	140	165	63	238	12	290	250	660	T
	112 M		4			112	155	2Ъ	115	185	255	100	370	125	73	88	190	220	140	165	70	250	12	290	250	660	Ι
65/160 132 S 132 M	5,5/7,5	5,5/7,5			132	155	235	115	185	255	100	370	125	73	68	216	250	140	170	89	280	12	35 0	300	690	Ι	
	9/11				132	155	235	115	185	255	100	370	125	73	68	216	250	178	208	89	307	12	387	300	727	T	
	160 M	15				160	155	265	115	185	255	100	370	125	73	40	254	2 9 4	210	294	108	368	14	468	350	838	Ι
50/200 132 160	100 L	З	2,2/3	80	50	100	115	205	102	150	210	70	300	105	55	60	160	1%	140	165	63	238	12	290	250	610	T
	112 M	4	4			112	115	205	102	150	210	70	300	105	55	48	190	220	140	165	70	250	12	290	250	610	T
	132 S	5,5/7,5	5,5			192	115	225	102	150	210	70	300	105	55	28	216	250	140	170	89	280	12	35 0	300	690	Ι
	132 M	9/11				132	115	225	102	150	210	70	300	105	55	28	216	250	178	208	89	307	12	387	300	727	Ι
	160 M	15				160	115	255	102	150	210	70	300	105	55	20	254	29 4	210	294	108	368	14	468	350	838	Ι
	160 L	18,5				160	115	255	102	150	210	70	300	105	55	20	254	294	254	294	108	390	14	4 9 5	35 0	865	Ι
80/200 13 13	100 L		2,2/3	125	80	100	155	215	115	185	255	97	370	135	73	100	160	19%	140	165	63	238	12	290	250	660	Ī
	112 M	17	4			112	155	215	115	185	255	97	370	135	73	88	190	220	140	165	70	250	12	290	250	660	ĺ
	132 S	LT	5,5			132	155	235	115	185	255	97	370	135	73	68	216	250	140	170	89	280	12	35 0	300	740	ĺ
	132 M	17	7,5/9/1	I		132	155	235	115	185	255	97	370	135	73	68	216	250	178	208	89	307	12	387	300	777	ſ
	160 M	V	15			160	155	265	115	185	255	97	370	135	73	40	254	294	210	294	108	368	14	468	3 50	888	ſ
	100 L	/	2,2/3	125	100	100	166	225	165	242,5	340	97	485	180	90	142,5	160	1%	140	165	63	238	12	290	250	681	ſ
	112 M	17	4			112	166	225	165	242,5	340	97	485	180	90	130,5	190	220	140	165	70	250	12	290	250	681	ĺ
100/200	132 S	17	5,5			132	166	245	165	242,5	340	97	485	180	90	110,5	216	250	140	170	89	280	12	∄ 0	300	761	ſ
	132 M		7,5/9/1	I		132	166	245	165	242,5	340	97		180	90	110,5	216	250	178	208	89	307	12	387	300	798	ĺ
160	160 M	/	15	1		160	166	275	165	2425	340	97	485	180	90	825	254	294	210	294	108	368	14	468	3 0	909	T

Dimensions in mm (subject to change)

*ATTENTION: subject to change depending on manufacturers





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