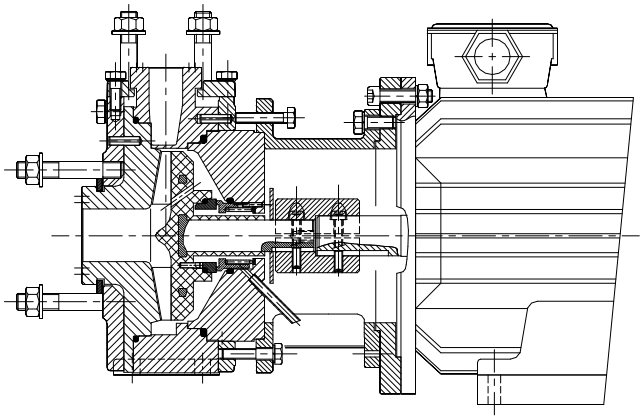
GENERAL

Centrifugal pumps of the ECO-N series are designed for pumping the most aggressive liquids. They have a mechanical seal that meets the requirements of high technology and industry.
These pumps use the same volute as the pumps of the normalized NP-S series.

BENEFITS

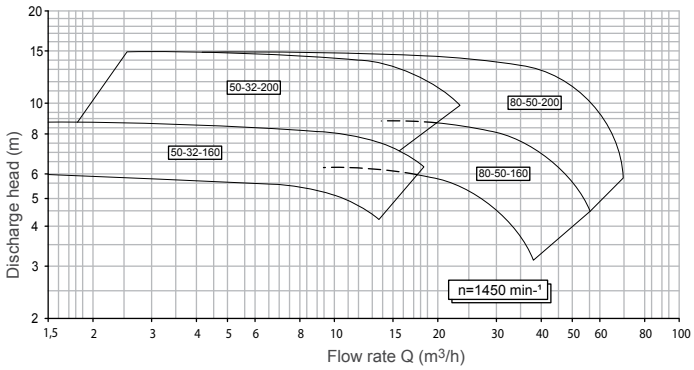
- Standardized volute according to ISO 2858
- New hydraulic systems that offer particularly efficient characteristics.
- A pump motor link that allows easy removal after several years in a corrosive atmosphere.
- Simplified maintenance: the seal is identical for the entire range.
- Fixed position without adjustment.
- Standardized motors to CE standards.

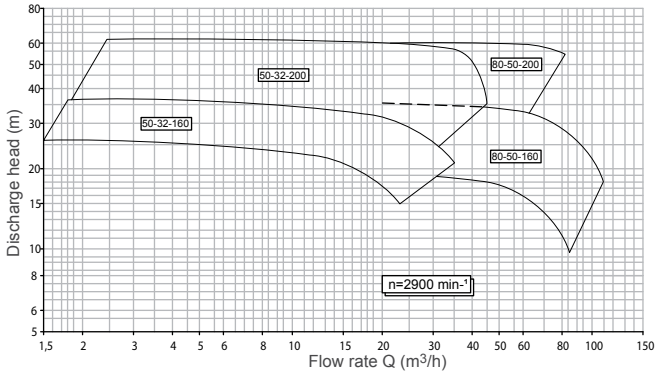


MATERIALS

The whole hydraulic part is made of thick plastics.
Materials used: Polypropylene PP or PP-EL for ATEX.
The mechanical seal may be supplied with a SiC/SiC or SiC/Carbon friction pair.

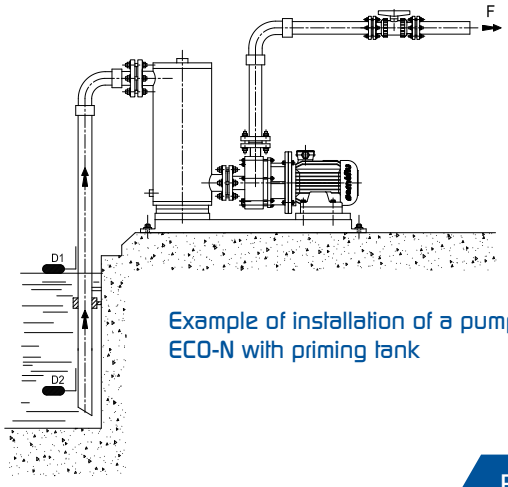
GENERAL DIAGRAM





PRIMING TANK

The pumps of the ECO-N series are horizontal single-cell centrifugal pumps designed to be installed "with load". "With intake", they have priming tanks specially designed for very severe conditions of use.



Example of installation of a pump ECO-N with priming tank

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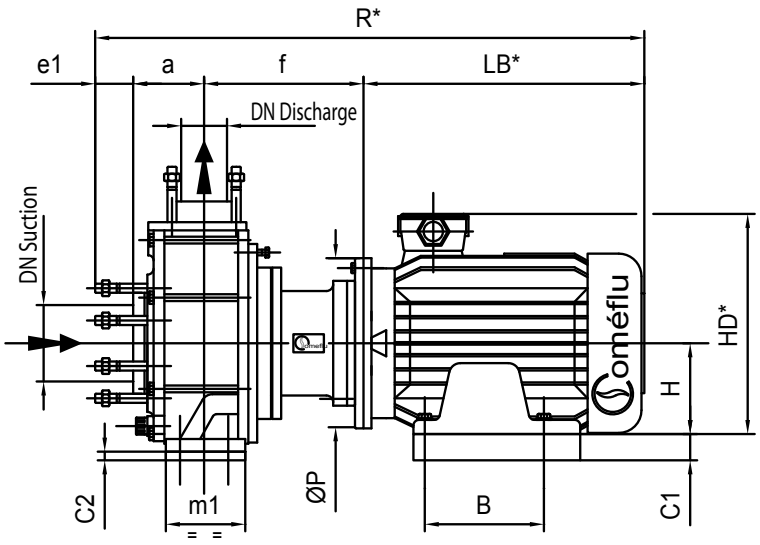
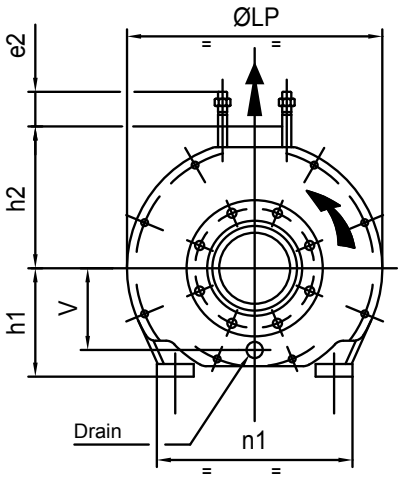
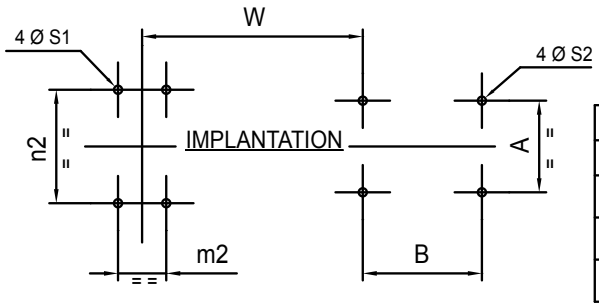
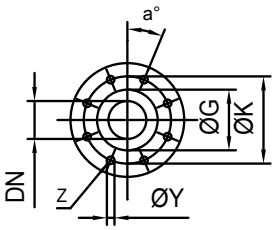
DIMENSIONS







FLANGES ISO PN 16					
DN	K	Y	Z	G	a°
32	100	18	4	60	45°
50	125	18	4	90	45°
80	160	18	8	125	22°30'



The pump must be connected without effort to the fittings!

Type	Motors			Flanges		Pump dimensions								Base dimensions								Motors dimensions						
	Types	2900	1450	DNa	DNr	a	f	h1	h2	e1	e2	V	ØLP	m1	m2	n1	n2	S1	S2	W	C1	C2	A	B	H	HD	LB*	R*	ØP
32/160	100L	3	2,2	50	32	80	204	132	160	62	55	-	300	100	70	240	190	14	12	274	32	0	160	140	100	238	290	636	250
	112M	4				80	204	132	160	62	55	-	300	100	70	240	190	14	12	274	20	0	190	140	112	250	290	636	250
	132S	5,5/7,5				80	224	132	160	62	55	-	300	100	70	240	190	14	12	313	18	18	216	140	132	280	356	722	300
32/200	100L	3	2,2	50	32	80	205	160	180	62	55	110	345	100	70	240	190	14	12	275	60	0	160	140	100	238	290	637	250
	112M	4				80	205	160	180	62	55	110	345	100	70	240	190	14	12	275	48	0	190	140	112	250	290	637	250
	132S	5,5/7,5				80	225	160	180	62	55	110	345	100	70	240	190	14	12	314	28	0	216	140	132	280	356	723	300
	132M	9				80	225	160	180	62	55	110	345	100	70	240	190	14	12	314	28	0	216	178	132	309	385	752	300
	160M	11/15				80	255	160	180	62	55	110	345	100	70	240	190	14	14	363	20	20	254	210	160	374	468	865	350
50/160	100L	3	2,2	80	50	100	204	160	180	57	52	115	336	100	70	265	212	14	12	274	60	0	160	140	100	238	290	651	250
	112M	4				100	204	160	180	57	52	115	336	100	70	265	212	14	12	274	48	0	190	140	112	250	290	651	250
	132S	5,5/7,5				100	224	160	180	57	52	115	336	100	70	265	212	14	12	313	28	0	216	140	132	280	356	737	300
	132M	9				100	224	160	180	57	52	115	336	100	70	265	212	14	12	313	28	0	216	178	132	309	385	766	300
	160M	11				100	254	160	180	57	52	115	336	100	70	265	212	14	14	362	20	20	254	210	160	374	468	879	350
50/200	100L		2,2/3	80	50	100	205	160	200	57	52	120	370	100	70	265	212	14	12	268	60	0	160	140	100	238	290	652	250
	112M		4			100	205	160	200	57	52	120	370	100	70	265	212	14	12	275	48	0	190	140	112	250	290	652	250
	132S	7,5				100	225	160	200	57	52	120	370	100	70	265	212	14	12	314	28	0	216	140	132	280	356	738	300
	132M	9				100	225	160	200	57	52	120	370	100	70	265	212	14	12	314	28	0	216	178	132	309	385	767	300
	160M	11/15				100	255	160	200	57	52	120	370	100	70	265	212	14	14	363	20	20	254	210	160	374	468	880	350
	160L	18,5				100	255	160	200	57	52	120	370	100	70	265	212	14	14	363	20	20	254	254	160	395	495	907	350

Dimensions in Millimetres . Non contractual data. * CAUTION: Different according to the constructor

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