



Hercules

The Hercules is a slow-acting piston pump characterized by its robust construction. The transmission via helical precision gears ensures a low-noise operation. The low speed of the pump guarantees low wear. The automatic lubrication in the crankcase makes this pump practically maintenance-free.

The Hercules pump is self-priming up to max. 9 meters. This pump is extremely suitable for full-continuous use. This is often used for private homes. Pumps with a larger flow rate are extremely suitable for use in agriculture and industry. An adapted version is available for pumping up contaminated groundwater and for use in shipbuilding as hydrophore group or bilge pump.

Main features of the Hercules piston pump

- Double-acting piston pump with double gear transmission
- Self-priming up to max. 9 meters
- Valve system without springs: maintenance-friendly
- Can run dry indefinitely
- High pump efficiency = low engine power
- Easy to maintain
- Long lifespan
- Highest Return on Investment
- All functional parts made of high-quality metals

Why choose a piston pump of Clasal

- Compact and light yet large in capacity, efficiency and lifespan
- Low energy consumption: less than 25% compared to a centrifugal pump
- Recuperation of groundwater leads to a smaller water bill

Clasal – the pioneers

Clasal is the pioneer of piston pump technology. House of confidence among installers and end users. It's our philosophy to help you with your piston pumps that will last a lifetime.



Pump specifications									
Type		L1500	L2000	L2500	L3000	L4000	L5000	L6000	L7500
Q Flow	l/h	1500	2000	2500	3000	4000	5000	6000	7500
Engine power	kW	0,37	0,37	0,55	0,55	0,75	1,1	1,5	1,5
Head	Bar	4	4	4	4	4	4	4	4
Suction connection		1"	1"	5/4"	5/4"	6/4"	6/4"	6/4"	6/4"
Pressure connection		1"	1"	1"	1"	5/4"	5/4"	5/4"	6/4"
Dimensions L x W x H	mm	680x300x420	680x300x430	770x330x460	770x330x480	850x360x540	850x360x54	850x360x560	850x360x560

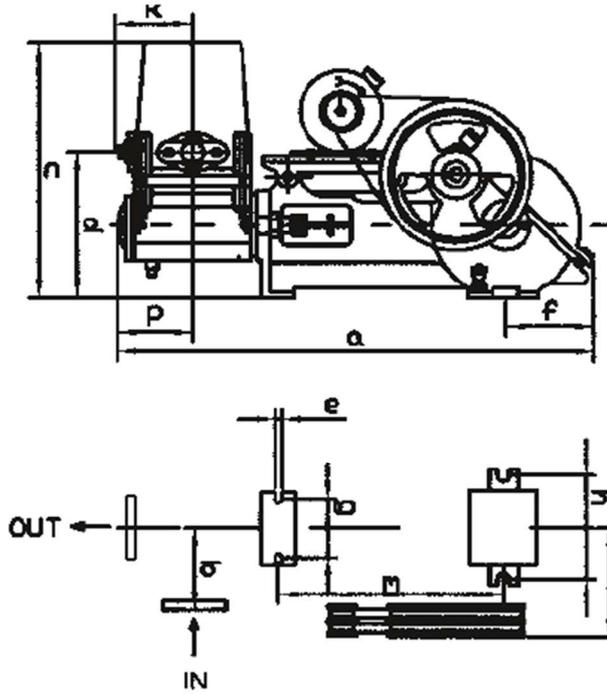


Piston pumps in combination with a horizontal or vertical water pressure reservoir form a hydrophore group. There is an air cushion in the reservoir. The pressure switch allows the pump to be switched on and off.

A water pressure reservoir with a large volume is always a good idea. The pump should not always start with a small water draw. This makes the pump quieter, you use less energy and the pump wears less. Moreover, the water is aerated so that no anaerobic action can occur, in other words the water does not begin to "rot".

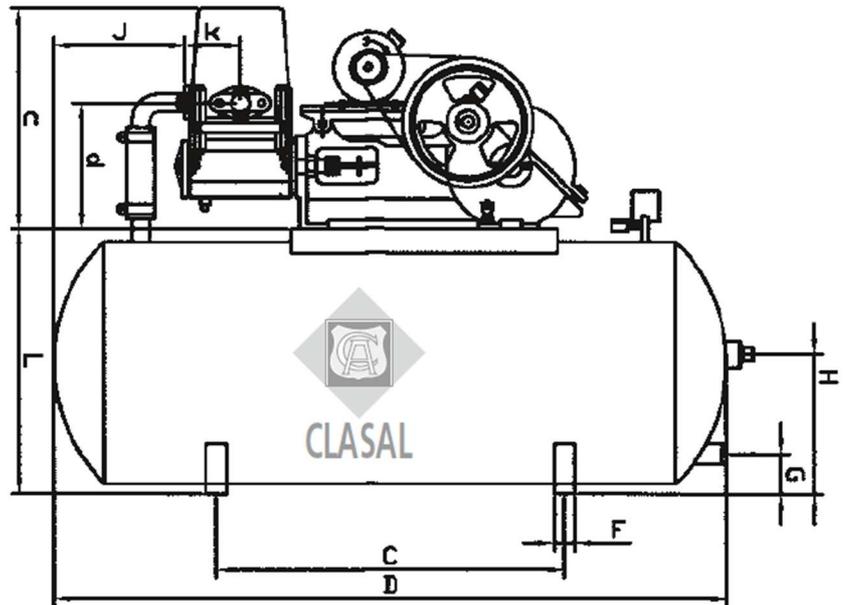
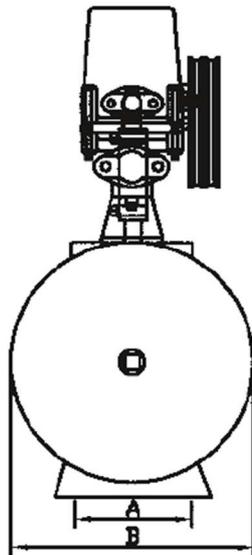
Clasal offers galvanized water pressure reservoirs made of thick-walled steel sheet. After welding, they are hot-dip galvanized in a bath. The boilers have a maximum working pressure of 6 bar as standard. They are CE approved and suitable for drinking water.

The Diana pumps can be supplied on a horizontal tank from 75 litres to 300 litres. An alternative is a hydrophore group with vertical tank. These are available as standard with a capacity between 100 and 1000 litres.



	1500	2000	2500	3000	4000	5000	6000	7500
a	665	665	755	755	840	840	875	875
b	120	120	140	140	123	123	123	123
c	410	410	460	460	530	530	560	560
d	215	215	245	245	283	283	315	315
e	12	12	14	14	16	16	16	16
f	120	120	140	140	165	165	165	165
g	60	60	80	80	76	76	76	76
h	142	142	142	142	172	172	172	172
m	325	325	375	375	410	410	410	410
n	142	142	145	145	149	149	149	149
n*	172	172	175	175	179	179	179	179
p	105	105	108	108	118	118	145	145

* Met beschermkap
Avec protection V- courroies



	H 75 L	H 100 L	H 200 L	H 300 L	H 500 L
A	270	300	350	400	450
B	350	400	500	550	650
C	520	520	600	600	810
D	880	930	1130	1330	1590
F	50	50	50	50	50
G	80	70	75	60	120
H	210	220	275	285	395
J	180	190	220	220	250
L	410	450	555	585	745