NEWTONUS PUMP

END SUCTION CENTRIFUGAL (SMALL PUMP)

- LR & LN model (Stainless steel)
- LB model (Single booster)
- LJ (Jet pump)

We are professional engineers for energy saving pump & piping

General

Application :

-Commercial Building : Transfer to reservoir; booster to krans, wastafel, shower, toilet, nozzel
-Industrial : Transfer to reservoir; booster to krans, wastafel, shower, toilet, nozzel, process/circulation
-Water Treatment : Transfer to reservoir; process/circulation
-Chiller/Air Conditioning, boiler/heating : Circulation; transfer
-Agriculture, farming, gardening, water fountain: Booster to irrigation, sprinkle
-Residencial : Transfer to reservoir; booster to krans, wastafel, shower, toilet, nozzel/sprinkle
-Sea water desalination : Transfer, booster
-Washing/Car washing : Sprayer/nozzel
-Jet pump : Transfer to reservoir; booster to krans, wastafel, shower, toilet, nozzel

LR model (SS 304)

Specification :

-Max. flow 25 M3/hour
-Max. head 70 meter
-Liquid temperatur -15 deg.C to 120 deg.C
-Max. working pressure 10Bar
-Inlet dia. 1 1/4"- 2" & outlet dia. 1 1/4"- 2"
-Liquid pH 6 - 8, clean liquid non grain/fiber

LN model (SS 304/CI)

LJ model (Jet pump)

Electric motor :

-3Ph/380V-415V/50Hz/2P
-1Ph/220V-240V/50Hz/2P
-Insulation class F, protection clas IP55
-Maximum power : 5,5 kW

LB model (Single booster, automatic < 2.2KW)

LC model (Jet pump-Single booster, automatic < 2.2KW)

Features :

-Compact and small size.
-Low vibration and low noise
-Easy to install at the piping.

Engineering & pricing solution

The energy saving & long life time of pump is our focus. The pump energy saving is not only determined by pump efficiency, but also depending by pipe diameter, controller, etc. Therefore we are ready to give consultation or trainning of piping engineering (Free of charge) before purchase the pumps, for as below :

-Calculation to determine the pump flow & total head, pipe diameter & material (inlet/ outlet pipe)
-To avoid cavitation, the suction pipe (negative/positive suction) should be calculated max. suction lift (Hs).
-Selection of pump controller according to the application system
-Selection of pump type according to flow, total head, material and electrical power
-Selection of cheaper price with similar or better pump & application

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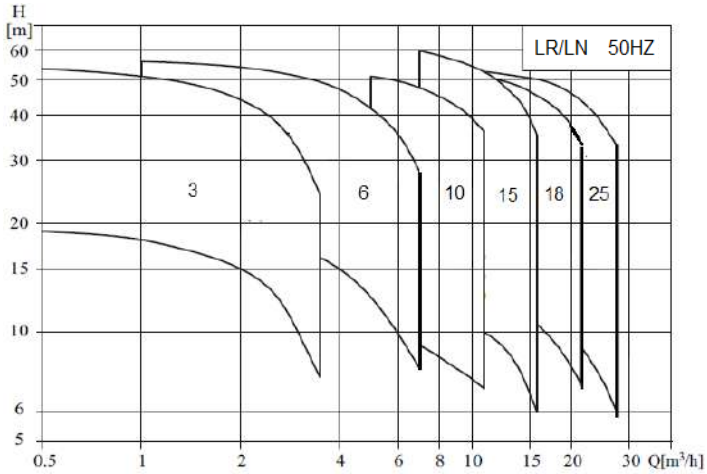
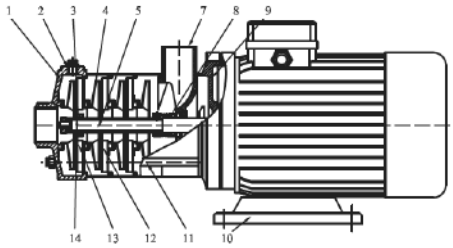
Technical

Performance curve :

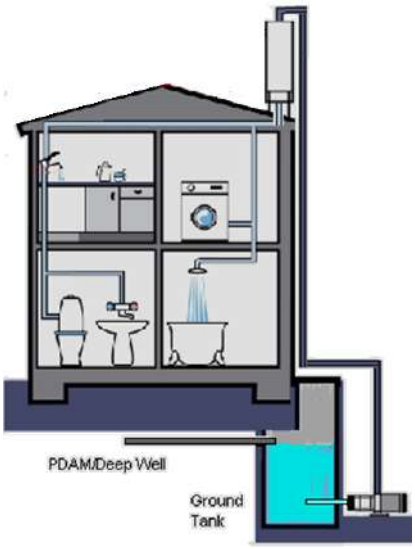


Component & Material :

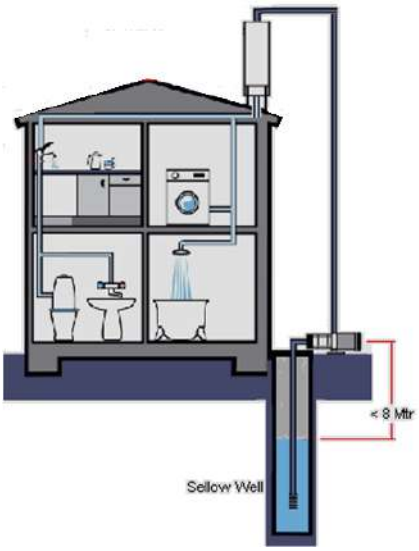


No.	Name	Material
1	Suction	Stainless steel Cast iron
2	Plug	Stainless steel
3	Bearing	Tungsten carbide
4	Impeller	Stainless steel
5	Shaft	Stainless steel
7	Discharge	Stainless steel Cast iron
8	Mechanical seal	
9	Motor end cover	Aluminum alloy
10	Base plate	Steel plate
11	Staybolt	Stainless steel
12	Diffuser	Stainless steel
13	Support diffuser	Stainless steel
14	Impeller sleeve	Stainless steel

Suction piping installation:



Positif suction is recomended istallation



Negatif suction. P > 2.2KW, Hs (Max suction lift) should be calculated to avoid cavitation. Recomended installation of pump<1,1kw, Hs = 1mtr - 8 mtr

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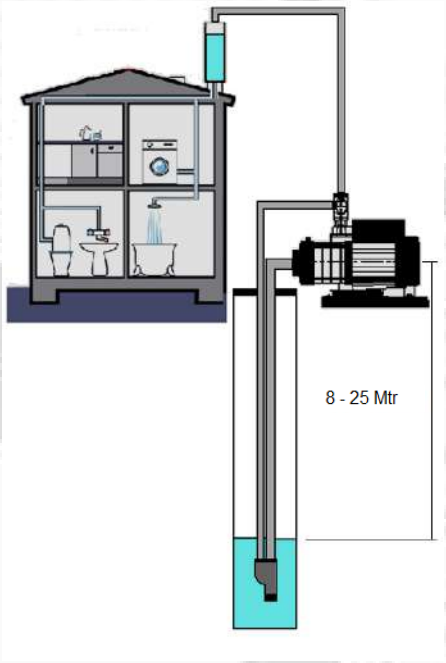
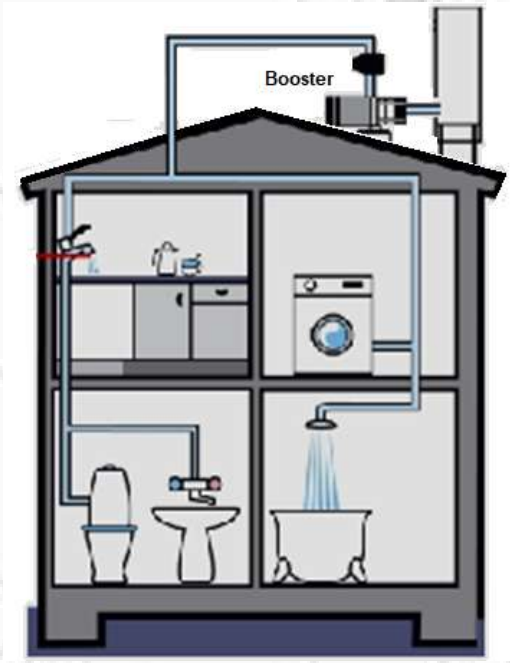
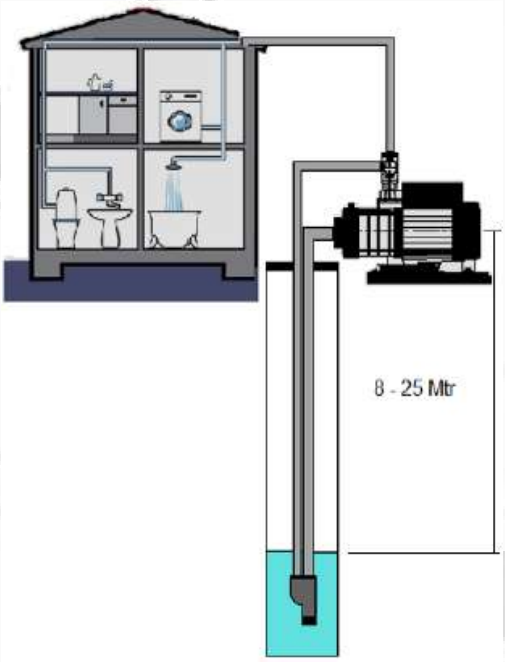
Installation & Application:



Jet pump istallation, Hs (Max suction lift)
8-25 meter, depending of pump Kw



Single Booster istallation on the roof/floor



Jet pump-Single Booster istallation

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