



SELF-PRIMING CENTRIFUGAL PUMPS - CNH Series CNH



HYGIENE BIOTECHNOLOGY INDUSTRIAL

The CNH series is made up of single-stage centrifugal pumps with self-priming device, axial suction port, open centrifugal impeller and independent shaft.

The self-priming device is made up of a helical rotor installed in front of the impeller and a rotor chamber which is off-centre in relation to the axis of the centrifugal stage.

The series is made up of range of 2 models with open impeller, independent shaft and standard IEC motor.

Mixed construction: pressed/cast stainless steel - AISI 316L (1.4404) - CF3M (1.4409).

Investment casting and electrochemical polishing treatment guarantee excellent levels of surface finish.



The pump incorporates a self-priming device which gives the centrifugal pump its suction capacity; this component guarantees continuous pump operation in applications handling biphasic fluids.

CNH self-priming centrifugal pumps can be used in industrial applications, for example in the food, dairy and beverage sectors, for tank emptying operations, CIP solution recirculation and for handling liquids with a high air content.

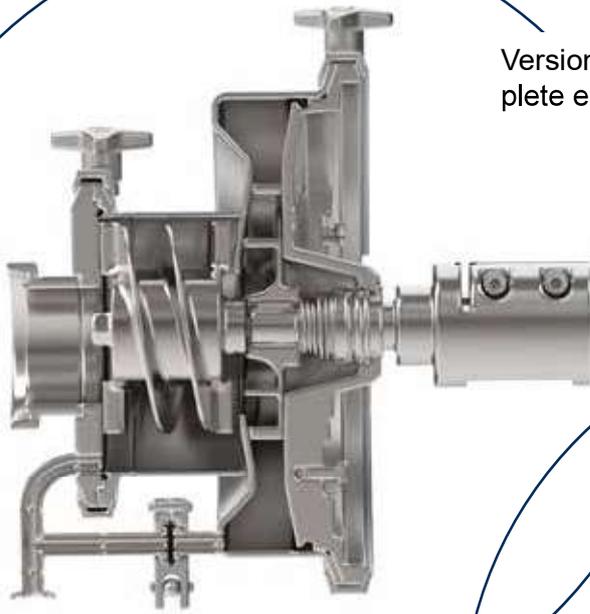


Close-coupled construction made entirely from stainless steel with standard motor, shaft with compression locking, internal seal and open impeller based on CN series pumps.



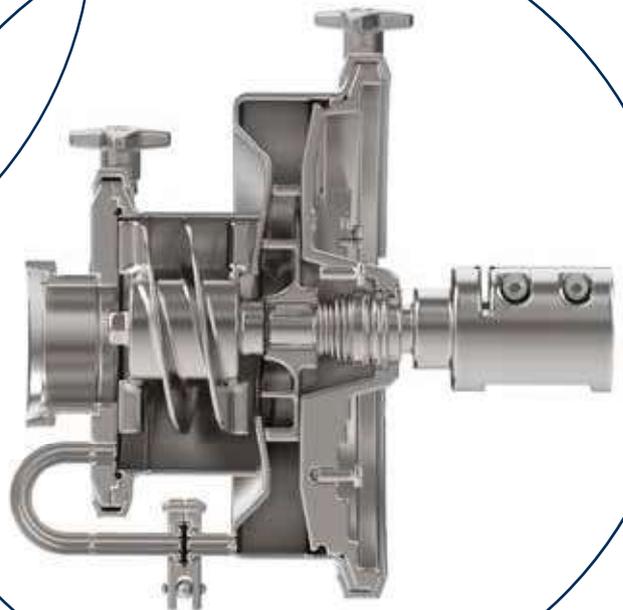
The clamp casing and seal design allows quick disassembly for inspection, cleaning and maintenance.
Protective motor shroud.

Series of pumps available in two different versions of liquid recirculation:

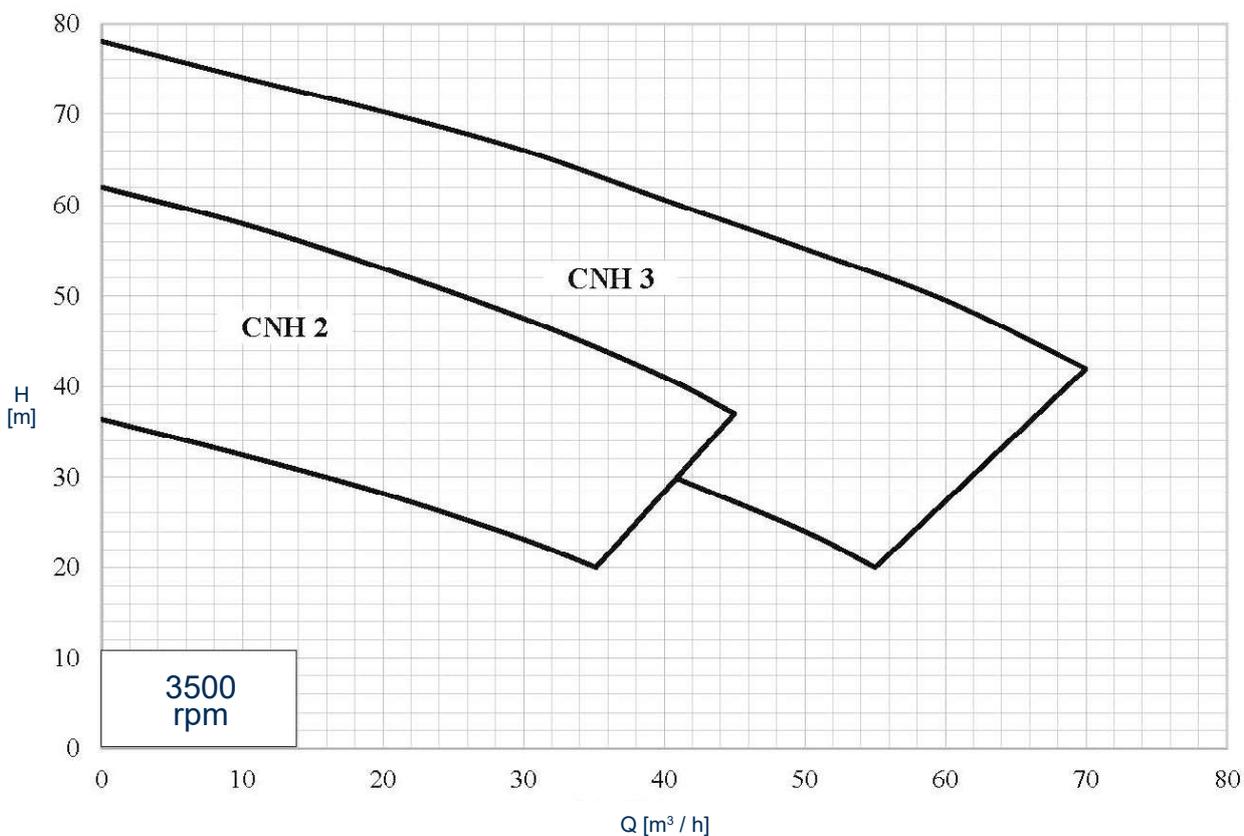
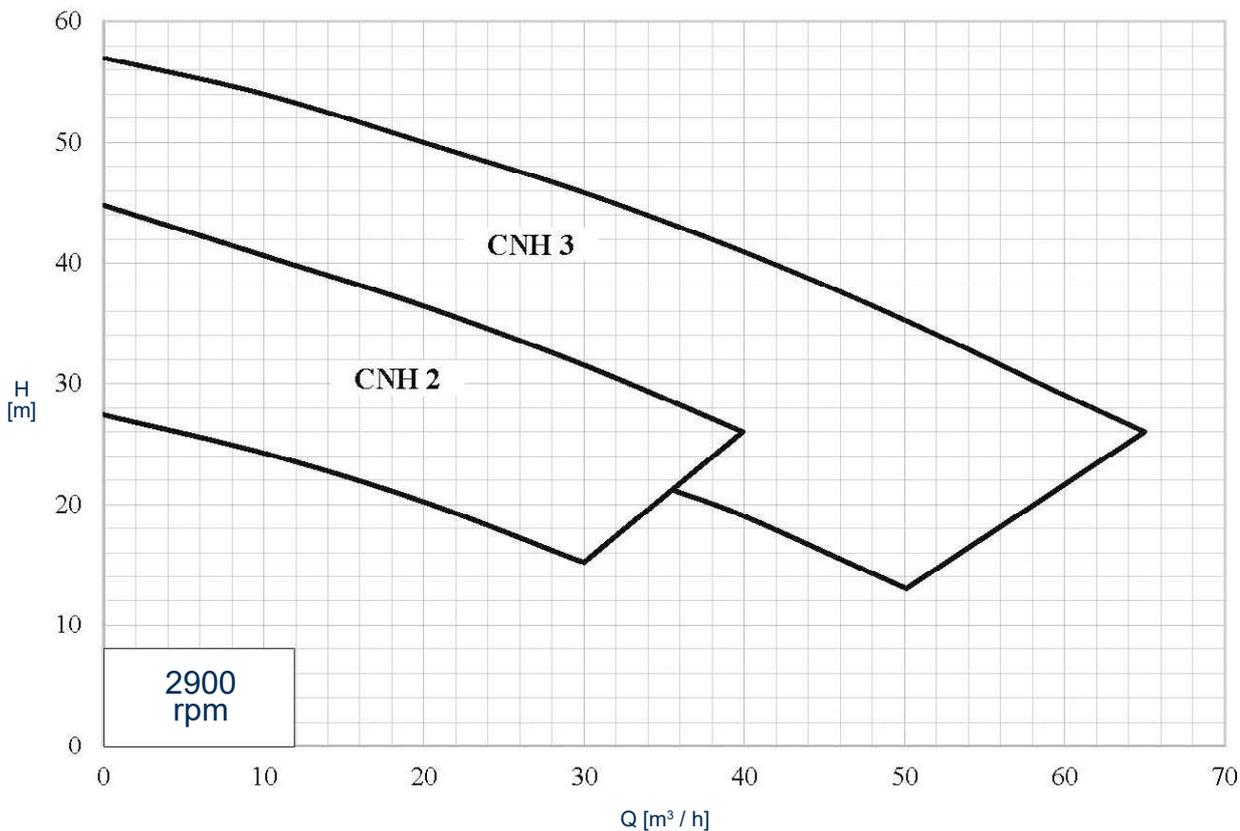


Version with drainage feature guarantees complete emptying of the pump;

Version without drainage.



GENERAL DIAGRAMS
(Performance applies to H₂O at 20 °C, 1013 mbar, Data not binding)



C.S.F. Inox S.p.A. Strada per Bibbiano, 7 - 42027 Montecchio E. (RE) - ITALY EU
 Ph +39.0522.869911 r.a. - Fx +39.0522.865454 - italia@csf.it - www.csf.it
Export Department • Commercial Étranger • Comercial Extranjero
 Ph +39.0522.869922 - Fx +39.0522.869841 - export@csf.it - www.csf.it



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