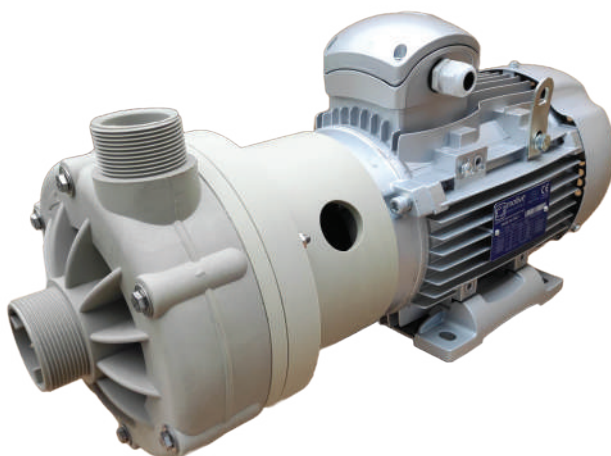


Features

ADH 140 centrifugal pump with mechanical seal are made of plastic materials (Polypropylene and PVDF) and are suitable for high corrosive liquids. They are operated by a direct-drive motor (max 3000 rpm). Their special open-impeller design allows pumping even with very dirty liquids having apparent viscosity up to 500 cps (at 20°C) and small suspended solids.

There are two versions available with different internal mechanical seal depending on use, A (lip seal) and B (bellows seal.)



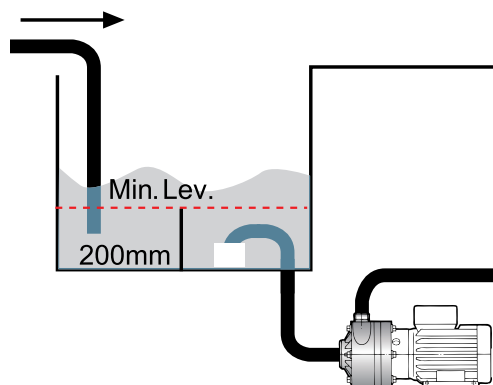
Technical data

Construction Materials	PP - PVDF
Max. Capacity	40 m ³ /h
Max Head	21 m
Max Temperature	PP 60C - PVDF 90C
Max Viscosity	500 cPs
Max.diameter of passing solids	12 mm
Intake / delivery connections	2 " M x 1 1/2" M - DN50 X DN40 on request
Motor	4 HP 380V3/50Hz / 2800 rpm
Pump weight with motor	PP 29Kg - PVDF 30Kg

Installation

ADH 140 horizontal centrifugal pump should be installed with the shaft positioned horizontally in a positive suction head arrangement. Suitable devices should be fitted to prevent dry running and the formation of a vortex and possible air suction. ADH 140 horizontal centrifugal pump should only operate whilst filled.

Running dry or with bubbles can cause damage to the mechanical seal.



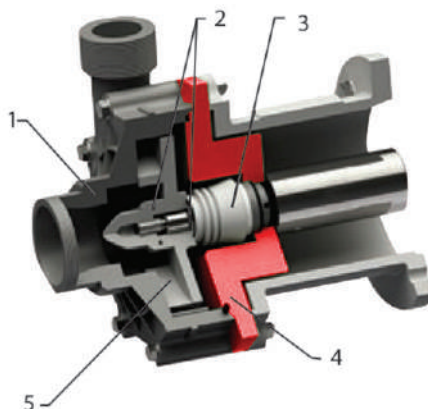
Description of the Pump

Resin-encased horizontal centrifugal pumps feature a solid pump casing and a lantern for connecting the electric motor and inspection of the mechanical seal. The open impeller is fitted to the pump shaft that is integral with the drive shaft of the electric motor. The shaft mechanical seal is housed at the rear of the impeller.

POS	DESCRIPTION	MATERIAL
1	PUMP HEAD	PP or PVDF
2	O-RING	EPDM or VITON
3	MECHANICAL SEAL	Bellow Seal PTFE SIC/CER or SIC/SIC
4	SHAFT	CERAMIC Al ₂ O ₃ 99.7%
5	IMPELLER	PP or PVDF

How it works

The impeller is integral with the shaft and direct drive electric motor and is rotated at a preset speed with the centrifugal effect producing suction on the intake side and discharge on the delivery side.



Application sectors

Chemical Industry , Galvanic & electronic Industry,
Water Treatment Industry, Automotive



AUTOMOTIVE



CHEMICAL INDUSTRY

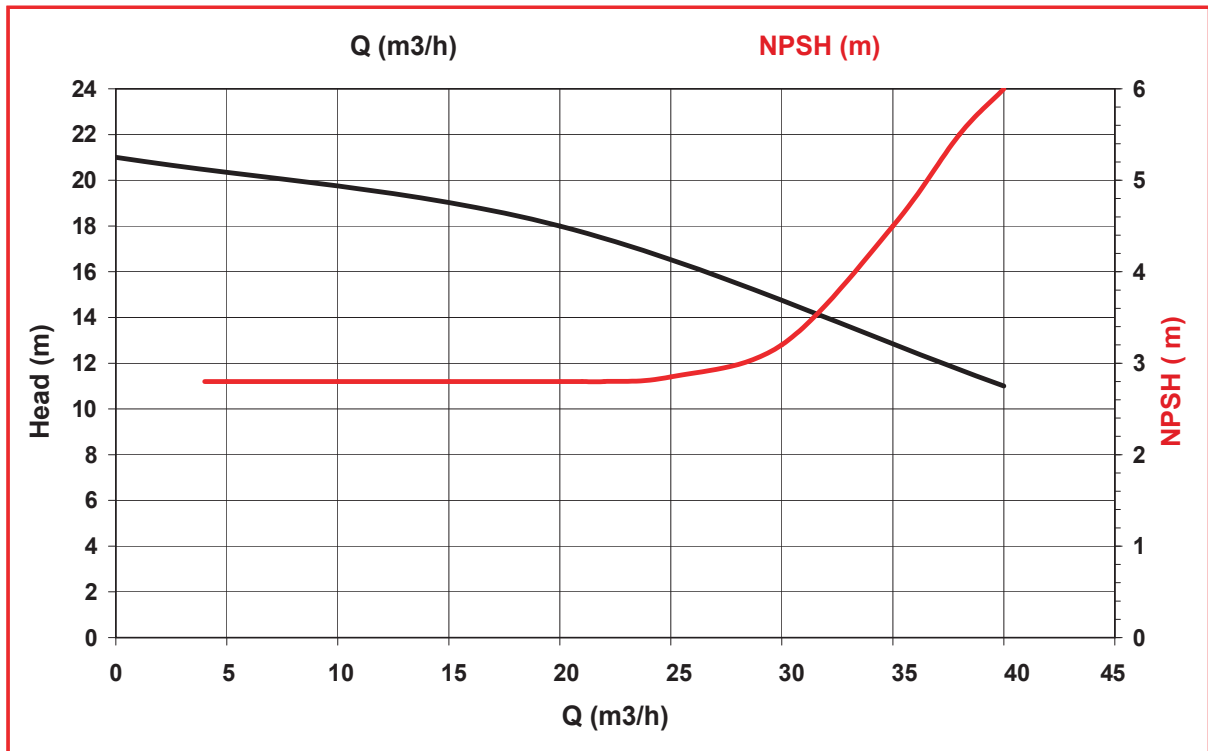


WATER AND SLUDGE
TREATMENT

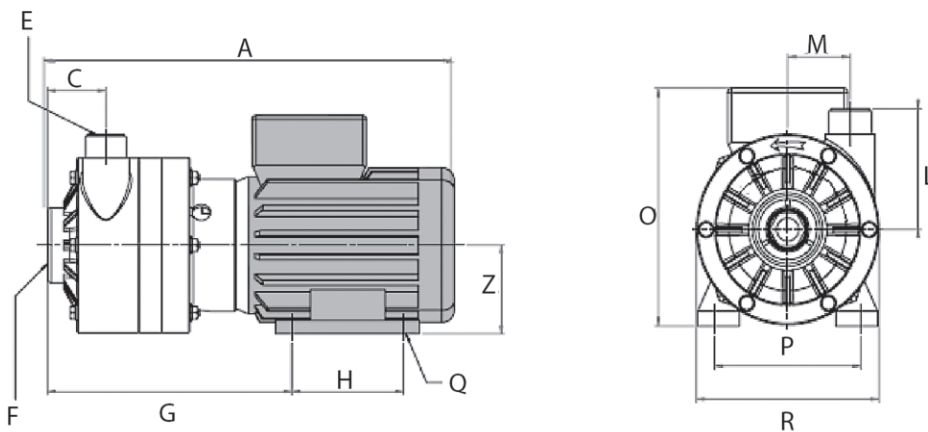


GALVANIC AND ELECTRONIC
INDUSTRY

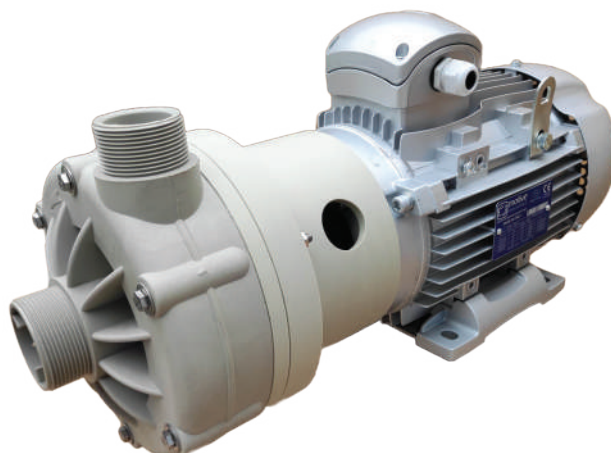
Performance curves 2900 Rpm



Dimensions



Pump Type	Motor Flange B3-B14	Kw	Rpm	Dimensions -mm-												
				A	C	E	F	G	H	L	M	N	O	P	R	Q
ADH 140	100	3	2800	505	75	1 1/2 " M - DN 40	2 " M - DN 50	296	140	130	40	100	227	160	203	4 X Φ 12



We Make The Difference

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