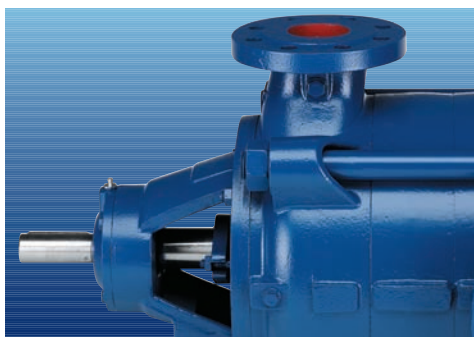




# High Pressure Centrifugal Pumps NMH/NMV



# High Pressure Centrifugal Pumps NMH/NMV

Non-selfpriming multistage high-pressure centrifugal pump in horizontal (NMH) and vertical (NMV) design.

According to their product profiles the high-pressure centrifugal pumps NMH/NMV are either furnished with gland packing or mechanical seals.

- high efficiency
- low-noise operation
- modular principle
- optimal adjusting to the operating point
- exchangeable shaft sleeves
- application of high grade materials
- low-maintenance
- easy to service

## Application

For the pumping of clear and slightly contaminated liquids in:  
pressure boosting plants, central heating systems, cold and hot water circulation, water supply systems, shipbuilding, the mining industry, power stations, filter units, fire extinguishing plants, irrigation plants

## Liquids

Fresh water, drinking water, boiler feed water, process water, sea and brackish water, hot water, condensate, lyes etc.

## Capacity

up to 220 m<sup>3</sup>/h (800 I.GPM, 970 US.GPM)

## Total head

up to 400 m (1.312 ft)

## Speed

up to 3.500 r.p.m.

## Temperature

up to 140 °C (284 °F)

## Casing pressure

up to 40 bars (580 psi)

## Materials

Depending on the requirements of the liquids or the customers' requests, available in cast iron, cast stainless steel

## Shaft sealing

Gland packing or mechanical seals

## Flanges

Discharge branch from DN 32 up to DN 80

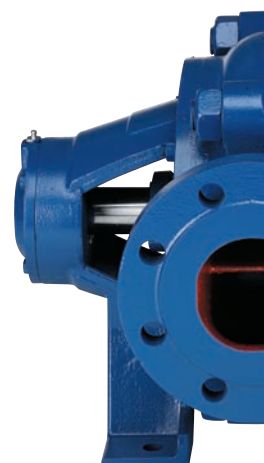
Suction flange DIN 2535, PN 40

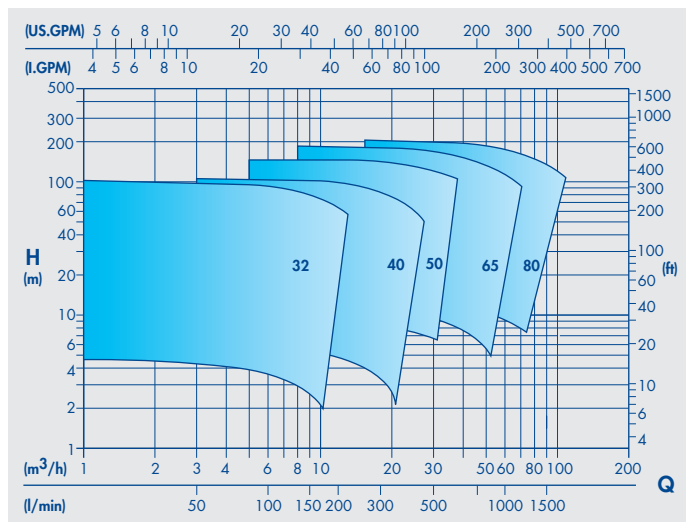
Discharge flange DIN 2535, PN 40

## Lubrication

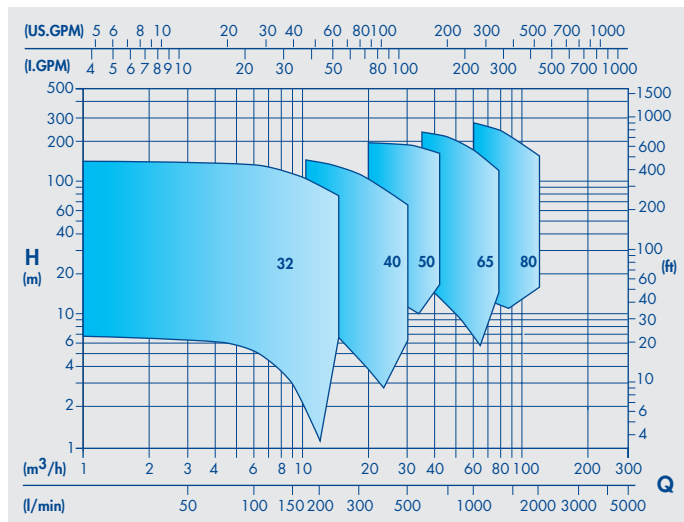
Antifriction bearings grease lubricated

Slide bearings liquid lubricated

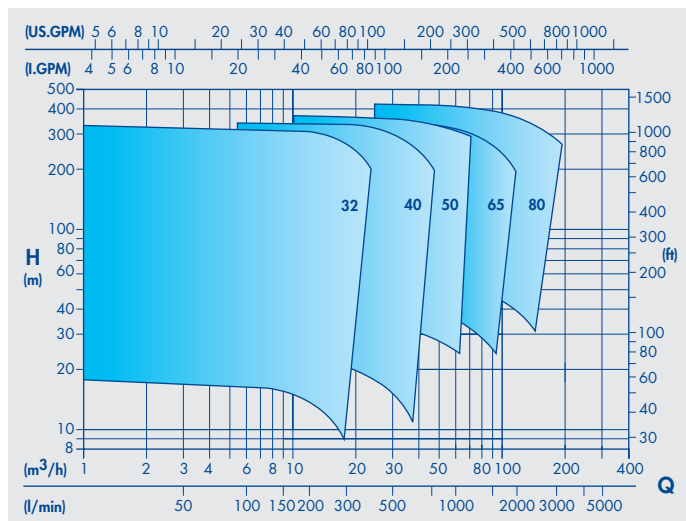




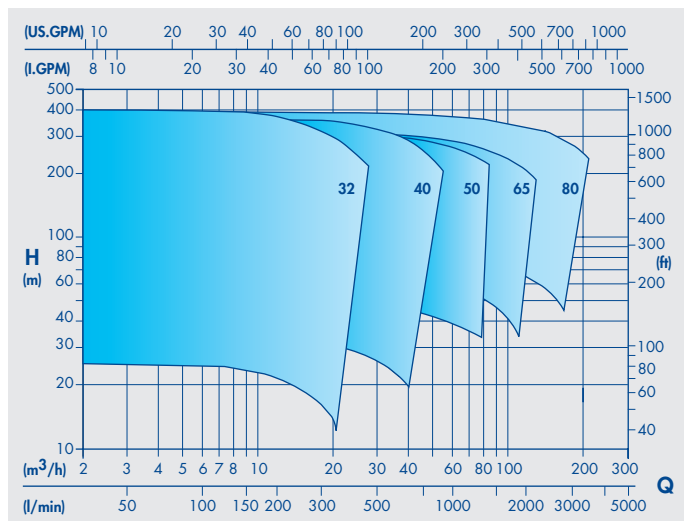
NMH, NMV, performance range at 1.450 r.p.m.



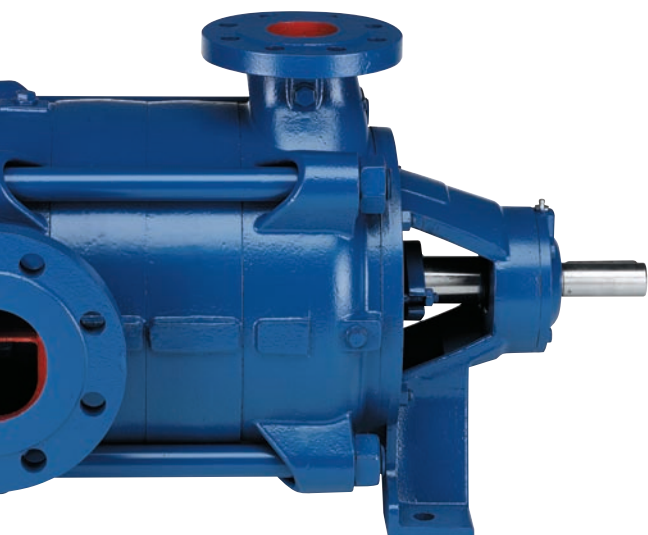
NMH, NMV, performance range at 1.750 r.p.m.



NMH, NMV, performance range at 2.900 r.p.m.



NMH, NMV, performance range at 3.500 r.p.m.



Model Designation	Min. Number of Stages	Max. Number of Stages at Speed r.p.m.			
		1450	1750	2900	3500
NMH/NMV 32	2	14	13	12	9
NMH/NMV 40	2	12	11	10	7
NMH/NMV 50	2	11	11	7	4
NMH/NMV 65	2	11	10	5	3
NMH/NMV 80	2	10	10	5	3



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