

Normal suction centrifugal pump

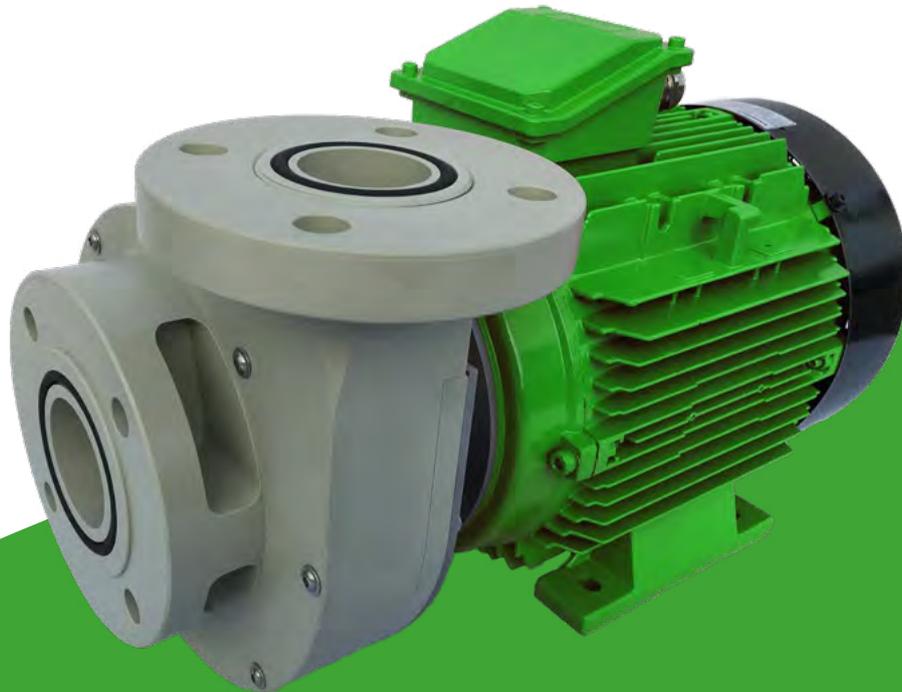
with mechanical seal

HMS-Series

Materials: PP, PVDF and stainless steel (A4)
 Flow rate: 0,5 to 100 m³/h
 Delivery head: up to 37 m lc
 Motor power: 0,25 to 15 kW
 Efficiency class: IE3

Some typical applications:

Production of semiconductors and solar cells, **gas and exhaust air scrubbers**, filtration of liquids, **PCB processing equipment**, operation of water treatment plants, **purging applications**, use in coating plants, **general mixing and circulation tasks**, disinfection systems, **redox flow applications**, filtration of liquids

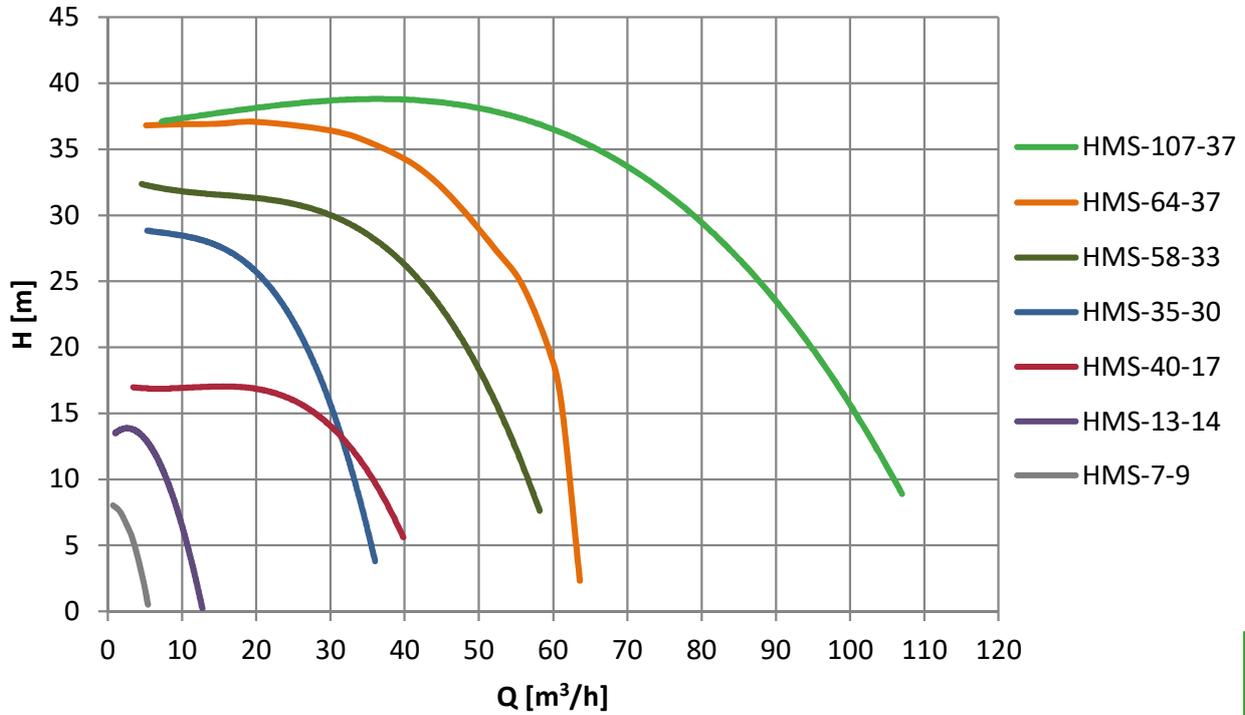


Type:	Motorpower kW	Suction side d/DN mm	Pressure side d/DN mm	Weight kg	Q max. m ³ /h	H max. m lc
HMS-7-9	0,25	20/16	20/16	5,5	5	8
HMS-13-14	0,37 to 0,55	40/32	32/25	13 to 15	13	14
HMS-40-17	2,2 to 3,0	63/50	50/40	30 to 36	40	17
HMS-35-30	3,0	63/50	50/40	38	35	30
HMS-58-33	5,5 to 7,5	75/65	63/50	75 to 95	58	33
HMS-64-37	7,5 to 11	75/65	63/50	85 to 110	64	37
HMS-107-37	11 to 15	90/80	75/65	85 to 135	107	37

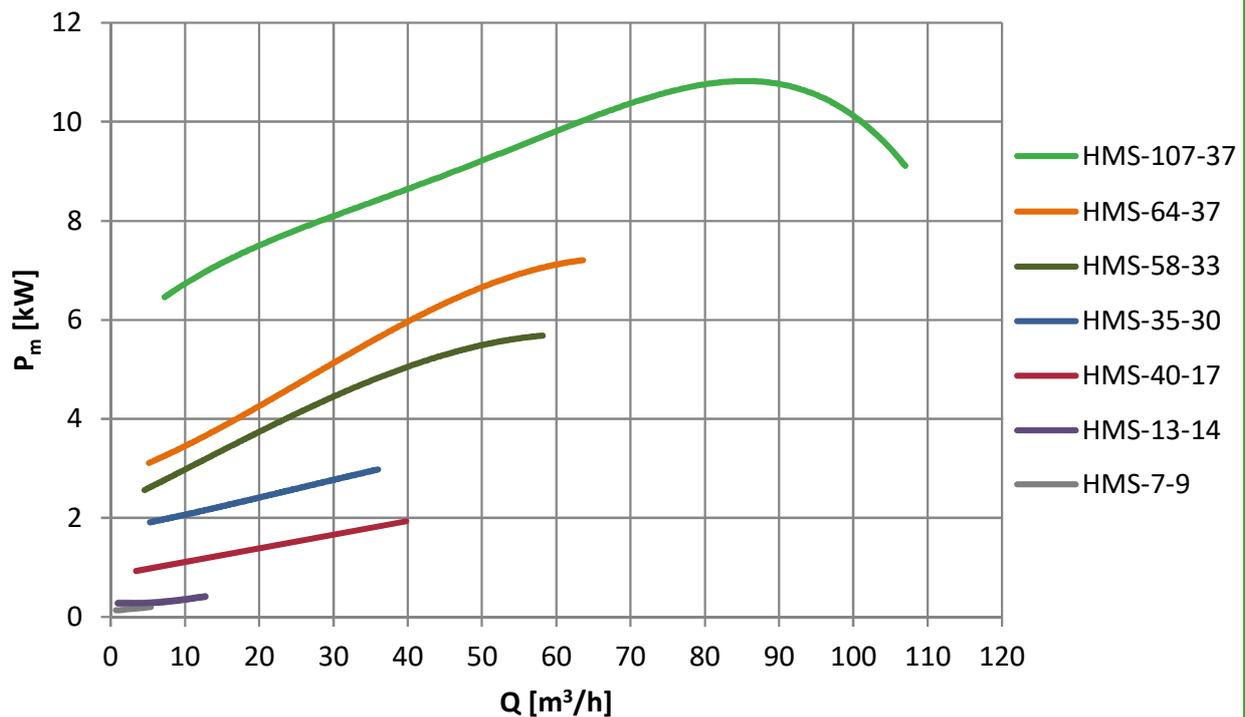
*Konstruiert
mit Liebe zum Detail!*



Delivery head



Shaft power



NEES mechanical seal pumps have universal applications. our „all-rounder“ is often used when chemically aggressive or corrosive fluids and wastewater have to be handled reliably and safely.

Ever-growing demands on the pumps, **high runtime** expectations, enhanced **energy efficiency**, as well as highest product safety: We are constantly working to improve and redefine existing standards. 100% **product safety** for people and equipment is a principle

we will not compromise in the sophisticated design of our pumps. Thanks to their innovative and proven construction, NEES mechanical seal pumps in the compact block design of the **HMS** series are very energy-efficient, robust and versatile. Low-vibration operation, insensitivity to solid particles and very low pressure losses distinguish this pump. The pump can also transfer metal particles.

Optionally available:

- UL/CSA/ATEX versions
- Compact drives
(motor with frequency converter)
- Flange and hose connections
- Union nuts and piping accessories
- Special connections
- Special designs are always possible

- Low-maintenance (special mechanical seal almost wearless)
- Transfer of metal particles
- Easy to assemble/maintain
- Compact block construction
- Energy efficiency design
- Special paint for use in aggressive atmosphere
- Motors for use with frequency converter
- Pumps with union or flange connection
- 100% Testing with certificate

Motors

Energy efficiency class: IE3
Motor power: 0,25 to 15 kW
Degree of protection: IP55 (Standard), others available
Control: Thermistor protected

Other versions: UL/CSA/ ATEX

We'll be happy to advise you



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