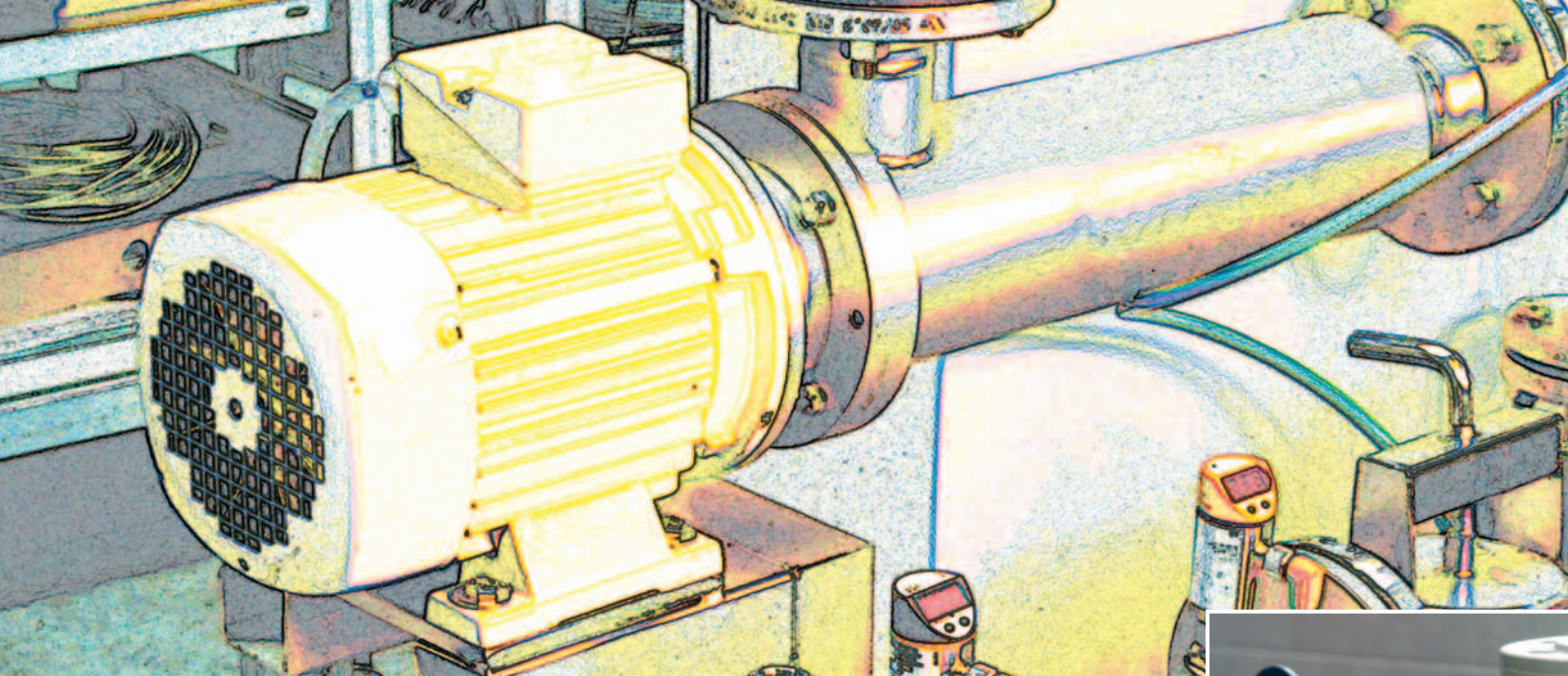


Homogenizers type DLM/H



INDAG produces dynamic mixers (type DLM), intensive mixers (type DLM/S) and homogenizers (type DLM/H) for all industries, including foodstuffs, chemicals, pharmaceuticals, environmental technology and many more.

INDAG homogenizers are used for homogenizing products like:

- Oil with water
- Oil with glycerine
- Bitumen with polymer
- Creams
- Silicon

INDAG homogenizers are available in standard execution or in hygiene execution for food and pharmaceutical industry.

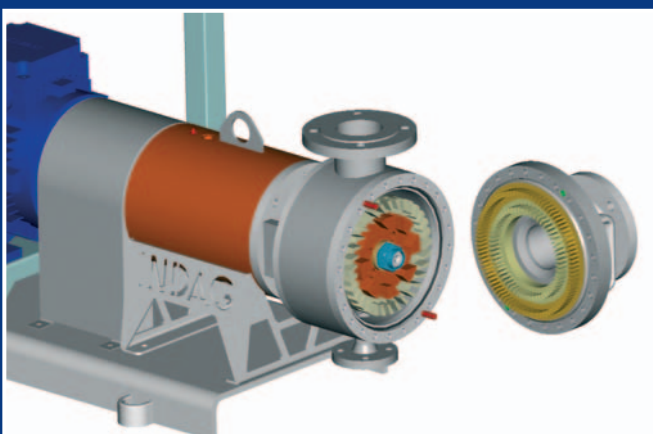
INDAG homogenizers – special features:

- Solid construction
- Designed for full access to all areas to ensure complete hygiene in use with food and pharmaceuticals.
- Modular construction
- Simple replacement of single-effect floating ring seal by double-effect seal using cartridge seals.
- Mixing components adapted for every homogenizing operation. Stator mixing elements and rotor can be exchanged.

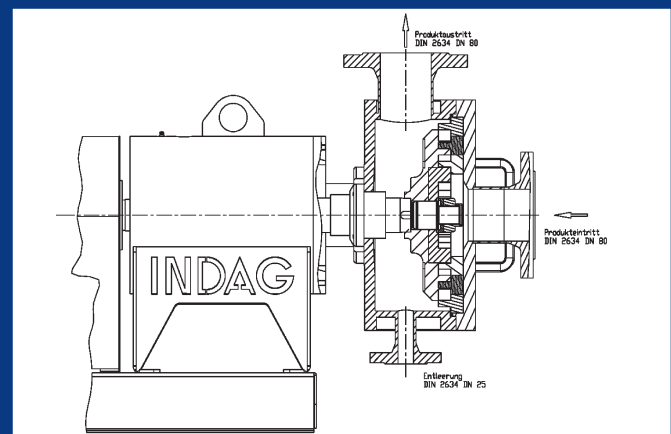


INDAG homogenizer type DLM/H

For high shear mixing and homogenizing.



DLM/H-402 ST HO with own bearing (AISI 316)



DLM/H-503 ST HO with own bearing (AISI 316)

INDAG homogenizers: technical features

Capacities

- 10 liter/hr to 120.000 liter/hr
- 3 gallon/hr to 32.000 gallon/hr
- Higher capacities on inquiry

Pressure levels

- Up to 120 bar = 1.740 PSI
- Higher pressure rating on inquiry
- In accordance with directives on pressure vessels

Positioning

Horizontal or vertical positioning possible.

Connecting point positions

Standard position:

Inlet axial on face side; Outlet radial in 12 o'clock on drive side

Cleaning

Hygienic version HY is especially free of inaccessible areas.

Materials

- 1,4301 (AISI 304)
- 1,4571 (AISI 316 Ti)
- 1,4539; 1.4462; AISI 904 L
- Hastelloy C
- Plastic PEEK
- Other materials on inquiry

Seals

- Single-action floating ring seal (mechanical seal)
- Double-action floating ring seal (mechanical seal)
- Magnetic coupling
- API
- Other seals possible

Temperature

Up to 350 °C

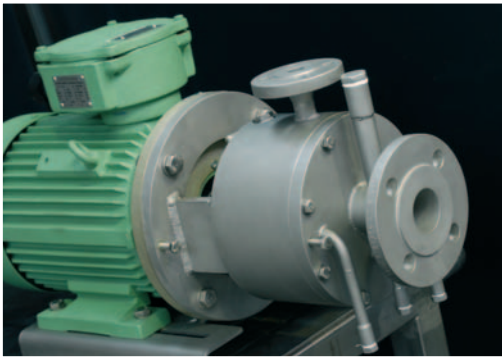
Higher temperatures on inquiry

Connections

- Flange DIN or ANSI
- Dairy screw thread DIN 11851, DIN 11864
- Tri clamp to DIN 11851
- SMS
- Other connections on inquiry

Drives

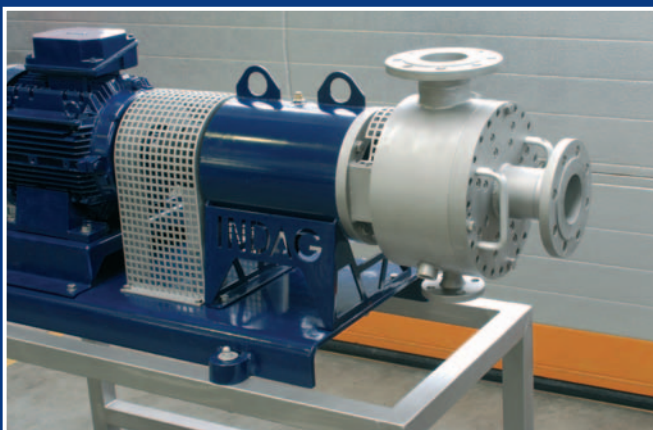
- Several Voltages
- 50 or 60 Hz
- IEC, DIN, ISO, VDE, EN
- API, AEIC, IES, IEEE, ICEA, NEMA
- Explosion proof EEx
- ATEX



INDAG homogenizer type DLM/H

INDAG homogenizer type DLM/H

For high shear mixing and homogenizing.



DLM/H-402 ST HO



DLM/H-503 ST HO

Technical features

Type		DLM/H-002	DLM/H-102	DLM/H-202	DLM/H-303	DLM/H-403	DLM/H-503	DLM/H-604
Max. capacity	m ³ /h	0,1 – 0,5	0,5 – 2	2 – 6	6 – 15	15 – 30	30 – 60	60 – 120
Product connections	DN	25	40	50	80	100	125	150
Product connections	inch	1"	1 1/2"	2"	3"	4"	5"	6"
Power	kW	1,1 – 2,2	2,2 – 4	4 – 5,5	7,5 – 11	11 – 18,5	18,5 – 45	30 – 110

Range of rotational speed: 1.000 bis 7.200 rpm

Range of viscosity: 1 mPas bis 1.000.000 maPs



Company portrait

INDAG has been producing pumps and equipment for the mixing and dosing of liquids for over 50 years.

Operations

INDAG supplies dosing and mixing pumps and equipment to the following industries:

- food
- pharmaceuticals and cosmetics
- chemicals and petrochemicals
- paper manufacturing
- environmental technology

Product and service spectrum

Feeding, dosing and mixing pumps, dynamic mixing, homogenizers, refiners and foaming equipment, complete installations incl. control and regulating equipment, project engineering.

INDAG

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