

EML / EMLT

Inline mixer



EML -- -- inline mixers provide high emulsion grades and are able to pump the product thanks to their slotted head and propeller design. These mixers achieve a completely homogenised, lump-free product and prevent oxidation. With the careful treatment they provide, they are highly recommended for handling and decanting already homogenised products, thanks to their ability to maintain the properties of the product whilst pumping.

EML mixers are designed for optimal hygiene and straightforward maintenance. The head configuration changes in accordance with the kind of product and its requirements, with sieved, slotted and perforated configurations available.

EMLT inline mixers have multi-slotted heads designed specifically for each application, given the influence of the different products on the performance of the equipment. EMLT mixers can provide the highest levels of homogenisation in products with high viscosity, distant densities or which are difficult to mix, avoiding phase separation.

EML and EMLT inline mixers are widely used in:

- Dissolutions, dispersions or mixing of solids (powders or crystals) in liquids.
- Emulsion, dilutions or liquids mixing
- Milling
- Mixing gases with liquids

MODELS

EML 1.5-3000

EML 4-3000

EML 7.5-3000

EML 11-3000

EML 15-3000

EML 22-3000

EML 30-3000

CHARACTERISTICS

- Single or dual cartridge mechanical seal
- Adjustable head and propeller configuration
- DIN 11851 connections
- Adjustable discharge direction
- High degree of hygiene
- External protection against environmental oxidation

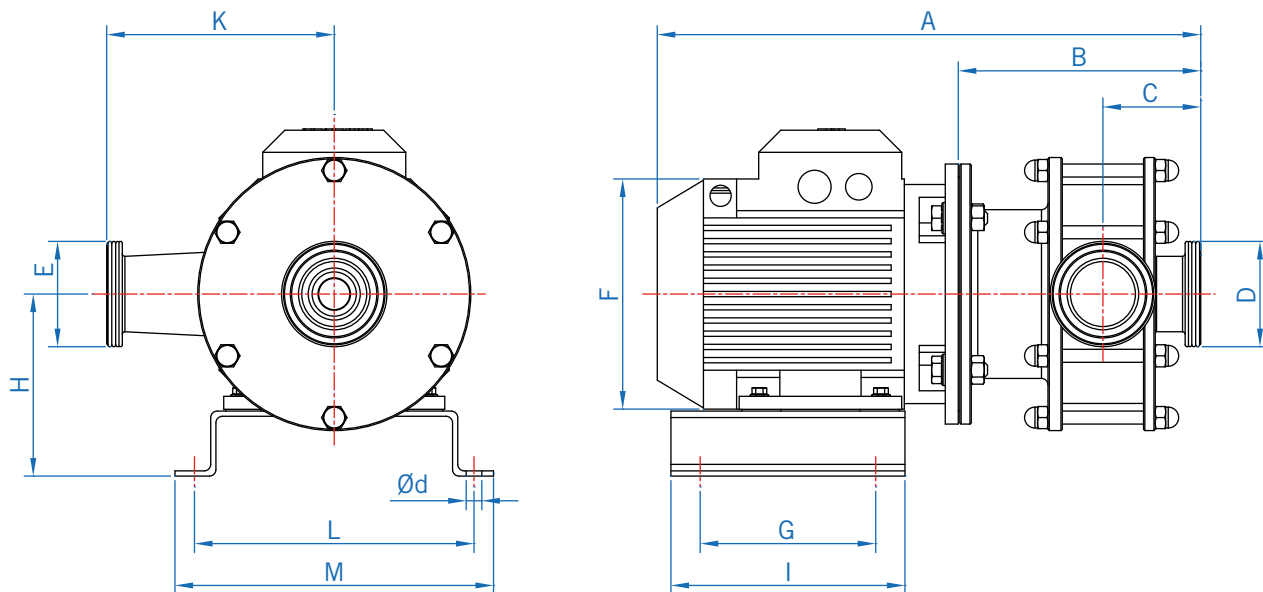
MATERIALS

- The parts in contact with the product are made from stainless steel AISI 316
- Level of finish: Industrial / Foodstuff / Sanitary
- EPDM / Viton / Encapsulated PTFE gaskets

OPTIONS

- Multi-slotted head (EMLT)
- Other connections: CLAMP, SMS, DIN 2576, DIN 11856, etc.
- Body drain
- Control panel
- Frequency converter
- Suction positive displacement pump
- Covering
- Other materials
- Thermosiphon (for the seal cooling system)
- Trolley, platform

DIMENSIONS OF THE EML MODEL



MODEL	Power (kW)	A	B	C	D	E	F	G	H	I	K	L	M	d
EML 1.5-3000	1.5	424	186.5	75	DN50	DN40	180	135	140	180	175	215	245	10
EML 4-3000	4	545	218	82.5	DN65	DN50	220	200	172	240	195	275	310	12
EML 7.5-3000	7.5	675	248	93	DN80	DN65	253	300	192	400	210	335	370	12
EML 11-3000	11	725	280	93	DN80	DN65	265	400	220	500	210	375	410	14
EML 15-3000	15	860	365	160	DN80	DN65	264	400	220	500	225	375	410	14
EML 22-3000	22	860	365	160	DN100	DN80	310	450	240	550	265.5	375	410	18
EML 30-3000	30	1025	405	170.5	DN100	DN80	347.5	540	260	650	300	475	440	18

