

Bottom Entry Agitators | Volume < 5.000l

Model series BEA1

These light bottom entry agitators can be used for stirring, homogenizing and keeping in suspension of liquids. This kind of agitators are useful when top entry agitators are not applicable due to insufficient installation space. The BEA-1 models can be applied in the food-, chemical- and coating industry, but also in the dairy and pharma industry.



Characteristics:

- Fluids which are easily mixed or need to be mixed up and kept homogeneous.
- Tank volumes $\leq 5.000\text{l}$
- Viscosities depending on the application
- Pressure: Atmospheric, Vacuum and under pressure max. 10 bar(g)
- Temperature $-20\text{ }^{\circ}\text{C}$ to $150\text{ }^{\circ}\text{C}$



Motor power	0,37kW – 7,5kW / 750rpm till 3.000rpm
Mounting flange	Ø160mm-250mm
Mixing Shaft	Ø30 – Ø50mm / L=200 – 500mm
Sealings	Double mechanical seal
Mixing elements	Pitchblade / propeller / impeller / dispersing disc / stator
Materials	Stainless Steel 304/316 L, Hastelloy, (Super) Duplex, Titanium, Carbon Steel
Coatings	C3, C4, C5 / RAL5010, RAL1013 or customer reference
Surface quality wet parts	2B-finished or grinded until $Ra < 0,8\text{ }\mu\text{m}$, or coated with HALAR®, PTFE, PU, or rubberized
ATEX Explosion protection	Ex zone (gas) 0, 1, 2, or (dust) 20, 21, 22 and Non-Ex version Nobo certificated