

Side Entry Agitator (ISHA Series)



Working principle and construction:

IDMC's ISHA Series agitator provides homogeneous mixing of products in tanks/silos. Hydrofoil impeller provides high mixing efficiency with lower power consumption. Hydrofoil impeller produces pumping effect which results into upward and downward circulation of liquid in the silo/tank.

ISHA Series agitator equipped with qualitative mechanical seal, is driven through VFD suitable geared motor at low rpm and high torque.

Salient features of ISHA Series side entry agitator:

- Hygienic design.
- Smooth & homogeneous mixing of products.
- Reliable, durable and efficient performance.
- Low maintenance & ease in assembly.
- Lower power consumption.
- Easily replaceable with our earlier **AG Series agitator**.

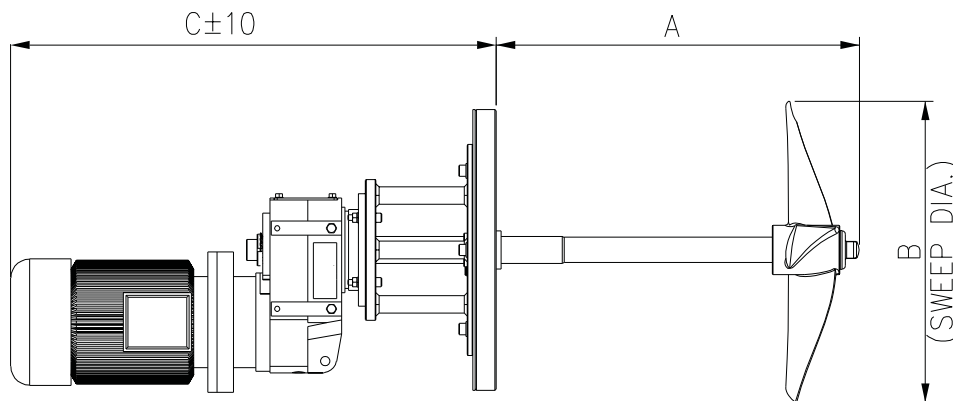
Applications:

ISHA Series agitators are designed for use in the dairy and food industry mainly for storage tank and silo having capacity **ranging from 20 KL to 150 KL** for efficient mixing of product.

Technical specifications:

- Material of construction: AISI 304 (**AISI 316L optional**).
- Geared motor: Heli-bevel parallel type with hollow shaft.
- Mechanical seal: Single internal balanced bi-directional.
- Mounting on tank/silo side wall between 0 to 45 degree downward.

Overall dimension:



SIDE ENTRY AGITATOR SPECIFICATIONS						
Agitator Type Model No. (AISI 304/AISI 316)	Motor Power		Speed [RPM]	Agitator Dimensions		Impeller Diameter ØB
	[kW]	[HP]		A	C*	
ISHA 0734/0736	0.75	1	161	520	602	460
ISHA 1134/1136	1.1	1.5	244	513	654	460
ISHA 1534/1536	1.5	2	338	513	654	460

All liner and diametrical dimensions are in mm. " C* " Dimension depends upon motor make & Efficiency Class.



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