

VCI / VCIN



INOXMIM has developed VCI and VCIN vertical agitators using a simple, compact design which provides high agitating performance at low acquisition cost.

Both the VCI and the VCIN are fitted with a worm geared motor and lip sealing system, allowing the use of impellers with a large vane surface in order to achieve high agitating performance.

All these characteristics, along with the interchangeability of agitating components and the specific selection of the ideal configuration for each process, mean these vertical agitators are widely used in water treatment, in the food industry and, in particular, in the dairy sector. They are also used in the chemical, cosmetic and pharmaceutical industries to mix, maintain and homogenise products or suspensions.

Some of the applications of these devices are:

- Homogenisation of yogurt, milk, squid paste, oil, pulp, etc.
- Agitating in flocculation chambers, chloride polyelectrolyte preparation plants, etc.
- Homogenisation for heat exchange
- Maintaining and product suspension (cream, milk, oil, juice, punches, additives, etc.)
- Dissolving of solids in liquids (salt, malt, powdered milk, fertiliser, etc.)
- Dilutions of additives

Vertical agitators



CHARACTERISTICS

Level of finish: Industrial / Foodstuff / Sanitary
Worm geared motor
Anchor flange: IEC / DIN 2576 PN10
Interchangeability of agitator components
Lip seal

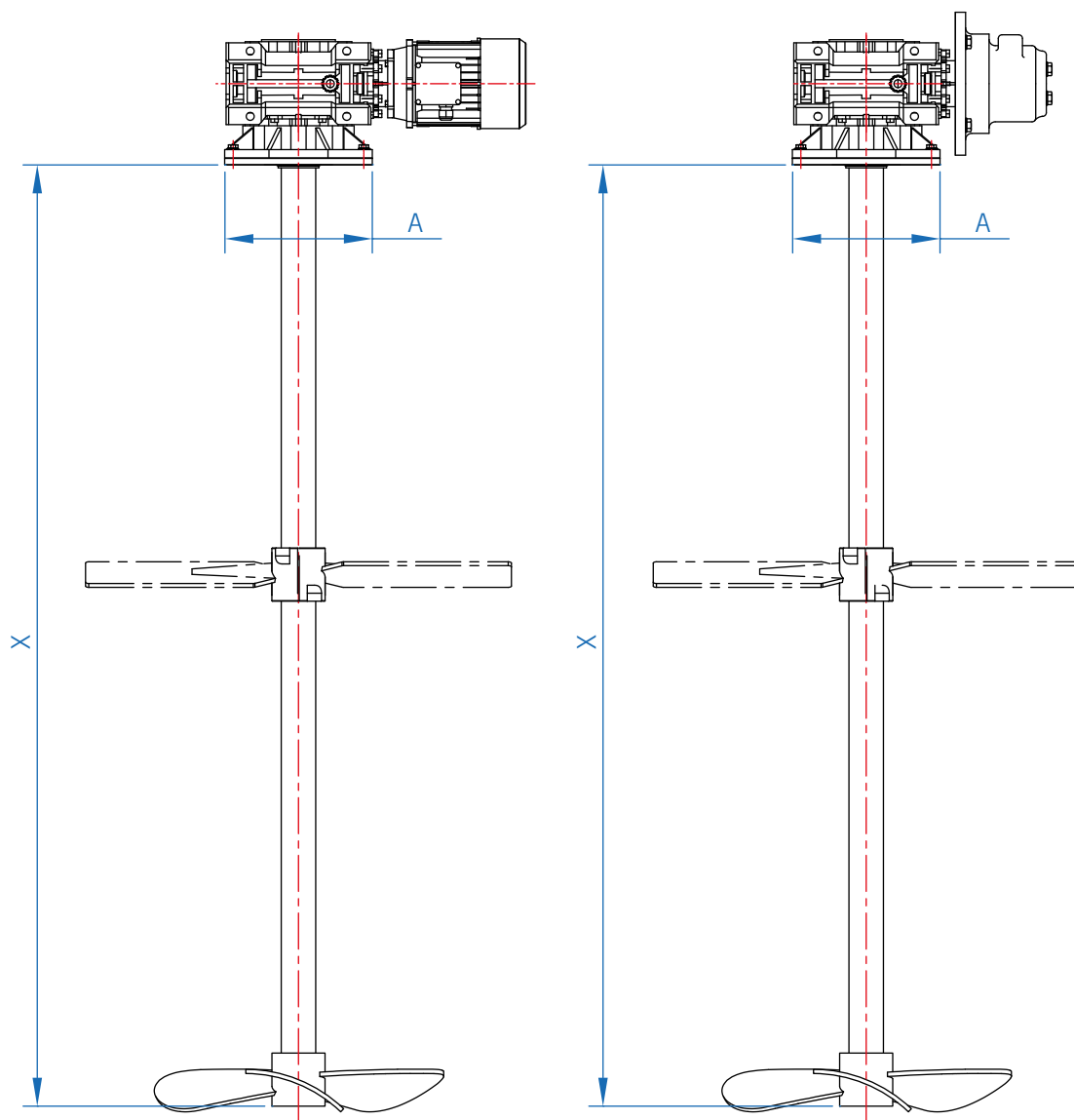
MATERIALS

Parts in contact with the product in stainless steel AISI 304L, carbon steel or others
Parts not in contact with the product in stainless steel AISI 304L, carbon steel or others

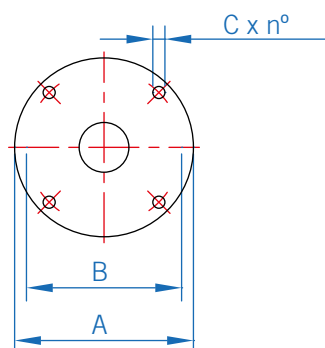
OPTIONS

Mechanical or frequency variator
Control panel
Bolstering tower
Lip seal with splash safety
RIBBON propeller for high viscosity products
Single, dual, cartridge and/or cooled mechanical seal
PEHD tank

DIMENSIONS OF THE VCI / VCIN MODELS

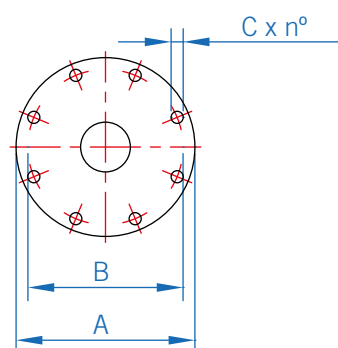


IEC FLANGE AGITATOR BASE



OVERALL DIMENSIONS				
FLANGE	A	B	C	n°
IEC 160	160	130	9	4x90°
IEC 200	200	165	11	4x90°

DIN 2576 PN10 FLANGE AGITATOR BASE



OVERALL DIMENSIONS				
FLANGE	A	B	C	n°
DN150	285	240	18	8x45°
DN200	340	295	18	8x45°
DN250	395	350	22	12x30°