

JEB Series

(Jump Eccentric Ball)



Sealless eccentric disc pump



The JEB Series eccentric disc pump is the ideal solution for the transfer of shear sensitive fluids. From liquids to viscous products, the JEB has been designed to guarantee integrity and quality of the product pumped in ensured hygienic conditions.

- Flow rate up to 42 m³/h.
- Maximum differential pressure: 10 bar.
- Self priming pump.
- Dry run capabilities.
- Very low shear rate.
- Strong suction and compression power enabling emptying of piping.
- Innovative system without sealing gasket free of retention areas.
- CIP and SIP ease up to 10bar.

Application areas



Food industries

Yoghurts/creams transfer, chocolate and chocolate mousse, doughs, syrups, etc.



Cosmetics and pharmaceutical industries

Ointments and lotions transfer, toothpaste, lipstick, mascara, etc.



Chemical industries

Solvents transfer, polymers, acids, etc.

Operation principle

A shaft drives a piston inside a cylinder. The eccentric movement creates two pumping chambers allowing the transfer of the fluid from suction to discharge port.

Designed without mechanical seal, sealing is made with a ball system without any retention area.

Materials

	JEBc «Ductile iron»	JEBs «316L Stainless Steel»
Piston	Ductile Iron	Bronze (option JumpInox)
Cylinder	Ductile Iron	Stainless Steel
Body / Front cover / Foot / Bypass	Ductile Iron, Steel	Stainless Steel
Ball	Stainless Steel	
Seals	FKM, PTFE (option FEP/FKM, EPDM...)	
Screws	Steel	Stainless Steel

Options

- Fitting flanges ISO PN16 or PN20, barbed, Clamp, SMS, MACON, RJT, CAM-Lock, DIN, threaded...
- Heating jacket
- With or without bypass

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