



FZ INOX Srl · Stainless-steel machines
for food, dairy & beverage · Made in Italy

FZ-CP FLUX

Flushed Centrifugal Pump

Sanitary AISI 316L centrifugal pump with seal flushing
Rev. 2025 · Curves at n ~ 2900 rpm · 50 Hz



Flushed version of the FZ-CP centrifugal pump: an external flushing circuit protects the mechanical seal, making it ideal for abrasive, crystallising or sticky products. Same hygienic 316L build, matched to your duty point.

APPLICATIONS

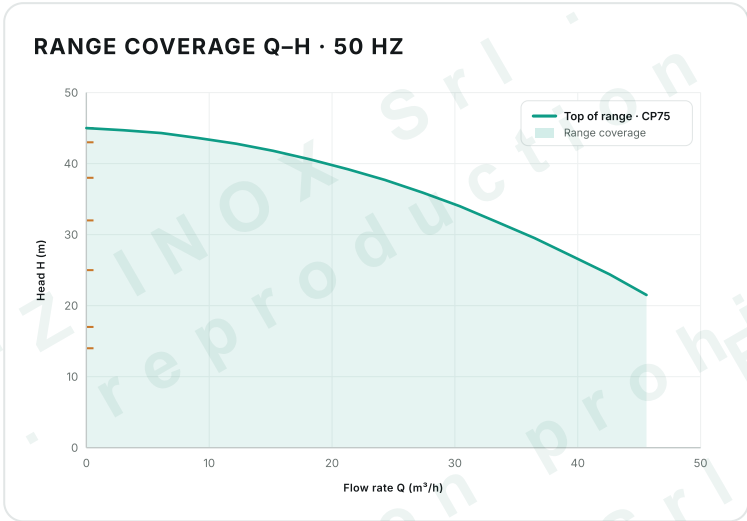
- Abrasive products
- Crystallising fluids
- Dairy
- Sugar syrups
- CIP circuits

KEY FEATURES

- External mechanical seal flushing — protects the seal
- Ideal for abrasive & crystallising products
- 316L wetted parts · DIN 11851 connections
- IP69-K washdown motor version available
- Wide range — 0.55 to 7.5 kW

RANGE — 9 POWER CLASSES (50 HZ)

Class	Power kW	HP	Impeller Ø (mm)	Max head (m)	Max flow (m³/h)	Configs
FZ-CP05	0.55	0.75	105 – 115	14	2.8	3
FZ-CP07	0.75	1	105 – 125	17	3.8	5
FZ-CP11	1.1	1.5	105 – 145	25	2.8	9
FZ-CP15	1.5	2	115 – 160	32	3.8	10
FZ-CP22	2.2	3	130 – 175	38	2.8	10
FZ-CP30	3	4	135 – 180	43	4.8	10
FZ-CP40	4	5.5	155 – 180	45	14.3	6
FZ-CP55	5.5	7.5	170 – 180	45	36.1	3



Class	Power kW	HP	Impeller Ø (mm)	Max head (m)	Max flow (m³/h)	Configs
FZ-CP75	7.5	10	180 – 180	45	45.6	1

Range coverage: flow up to 45.6 m³/h · head up to 45 m. **Flow ~5% lower than the standard FZ-CP (seal-flushing design).** The exact Q–H curve of each of the 57 configurations is available in our online pump selector or on request. Data for indicative purposes only — test results with fresh water at room temperature.

TECHNICAL DATA

Type	Flushed sanitary centrifugal pump
Product-contact material	AISI 316L stainless steel
Power range	0.55 – 7.5 kW (0.75 – 10 HP)
Speed	~ 2900 rpm (2-pole)
Impeller diameter	105 – 180 mm
Power supply	400 V · 3-ph · 50 Hz / 60 Hz
Motor protection	IP55 · IP69-K version available
Hygienic connections	DIN 11851 (standard, IT) · Tri-Clamp, SMS, flanges & others on request
Mechanical seal	Selected to suit fluid & temperature
Compliance	CE · Made in Italy

DIMENSIONS

Dimensional drawings coming soon

The flushed version has a different seal arrangement and the flushing ports.

Write to export@fzinox.com for the dimensions of your model.

Overall dimensions in mm, flushed-seal version. Indicative, not binding.

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CE

Specifications subject to change without notice.