



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

FZ-CP IP69-K

Centrifugal Pump IP69-K

Washdown-rated sanitary AISI 316L centrifugal pump
Rev. 2025 · Curves at n ~ 2900 rpm · 50 Hz



FZ-CP centrifugal pump with an IP69-K motor rated for high-pressure and steam washdown — for the most demanding hygienic environments. Same 316L hydraulic build, in the highest ingress-protection class.

APPLICATIONS

- Washdown areas
- Dairy
- Meat & ready meals
- High hygiene
- CIP circuits

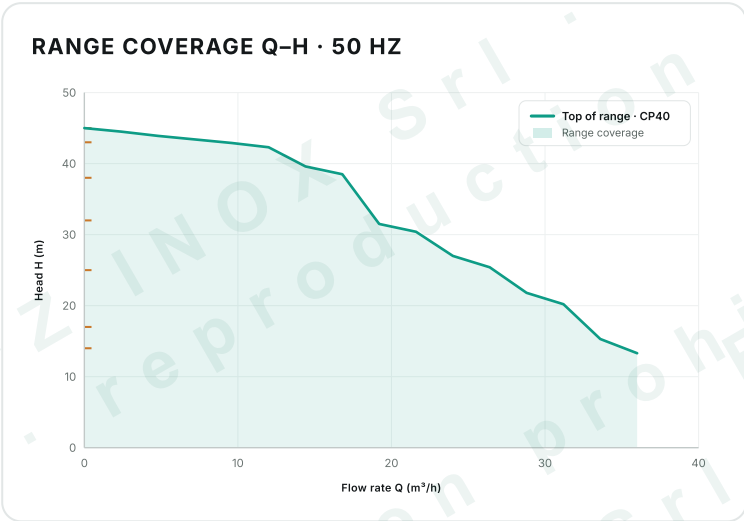
KEY FEATURES

- IP69-K motor — high-pressure & steam washdown
- Highest ingress protection class
- 316L wetted parts · DIN 11851 connections
- Gentle, hygienic transfer
- Wide range — 0.55 to 4.0 kW

RANGE — 7 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	2.7	3
FZ-CP07	0.75	1	105 – 125	17	3.6	5
FZ-CP11	1.1	1.5	105 – 145	25	2.7	9
FZ-CP15	1.5	2	115 – 160	32	3.6	10
FZ-CP22	2.2	3	130 – 175	38	2.7	10
FZ-CP30	3	4	135 – 180	43	4.5	10
FZ-CP40	4	5.5	155 – 180	45	13.5	6

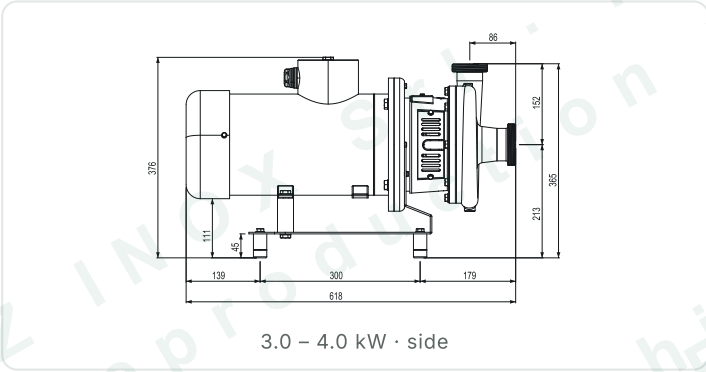
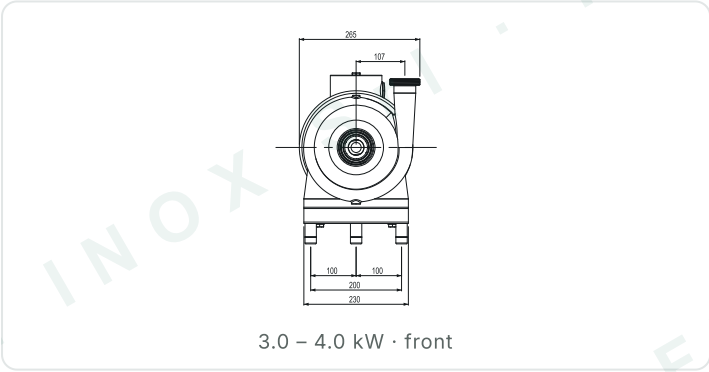
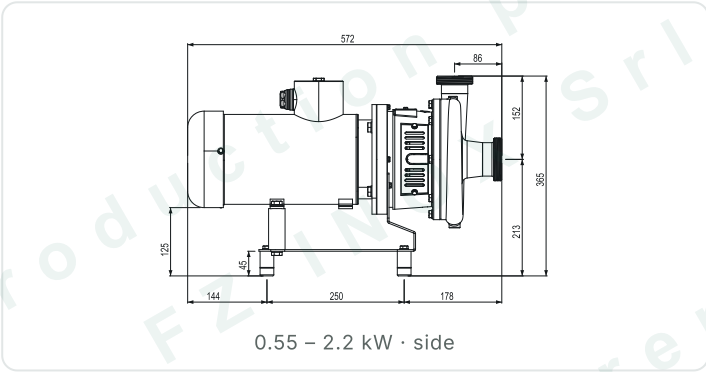
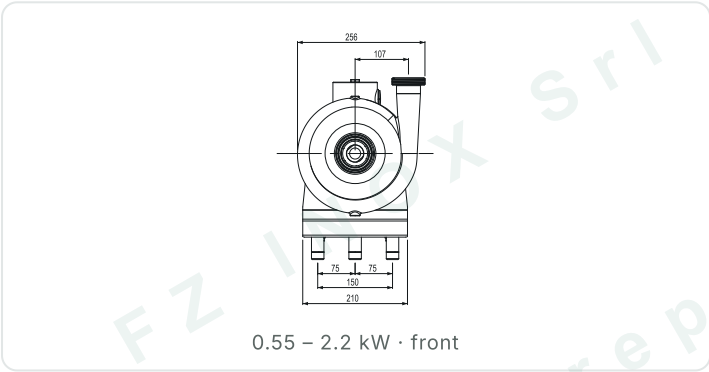
Range coverage: flow up to 36 m³/h · head up to 45 m. **Flow ~10% lower than the standard FZ-CP (IP69-K configuration).** The exact Q-H curve of each of the 53 configurations is available in our online pump selector or on request. Data for indicative purposes only — test results with fresh water at room temperature.



TECHNICAL DATA

Type	IP69-K sanitary centrifugal pump
Product-contact material	AISI 316L stainless steel
Power range	0.55 – 4.0 kW (0.75 – 5.5 HP)
Speed	~ 2900 rpm (2-pole)
Impeller diameter	105 – 180 mm
Power supply	400 V · 3-ph · 50 Hz / 60 Hz
Motor protection	IP69-K — high-pressure / steam washdown
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



Overall dimensions in mm. Indicative, not binding.

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Specifications subject to change without notice.