F-CPM

National Institute of Public Health NIH – National Research Institute Hygienic Certificate





F-CPM INOX centrifugal, single-stage closed impeller pumps
The pumps are designed for pumping slightly contaminated liquids and media containing solids with a diameter not exceeding 1 mm. The pump is designed for water with a maximum non-absorbent free solids content of up to 0,26 kg/m^3, and a maximum dissolved solids content of up to 51 kg/m^3, provided that the total gaseous content in the water does not exceed the saturation degree.

APPLICATION:

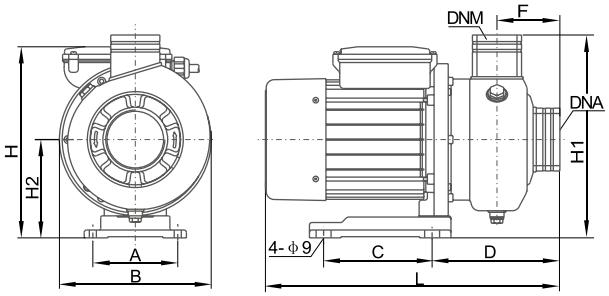
- Food industry: in washing and cleaning machines, to transport food liquids, transferring slurry in processing, fish farms, wineries
- Metallurgical industry
- Textile industry: can be applied in dye houses
- Manufacturing industry: cleaning bottles, cans, glass
- Agriculture: the pumps can be used in the transfer of moderately viscous liquids with low aggressiveness. They can be used for pumping fertilizer. Also used in irrigation and drainage applications
- Swimming pool systems
- Heating industry: in air conditioning and heating systems
- Public utility units: air conditioning systems, purification systems, heating systems, boosting, swimming pools

TECHNICAL SPECIFICATIONS:

- Liquid temperature for F-CPM: 5–90°C
- Ambient temperature: up to 50°C
- Max. system pressure: up to 10 bar
- Protection grade: IP55
- Winding insulation class: 155 (F)

MATERIALS:

- Motor: asynchronous, squirrel-cage, closed structure, aluminium housing, external ventilation
- Shaft: AISI 304 stainless steel
- Housing: AISI 304 stainless steel
- Impeller: AISI 304 stainless steel
- Interwall: AISI 304 stainless steel
- Mechanical seal: graphite / silicon carbide / NBR

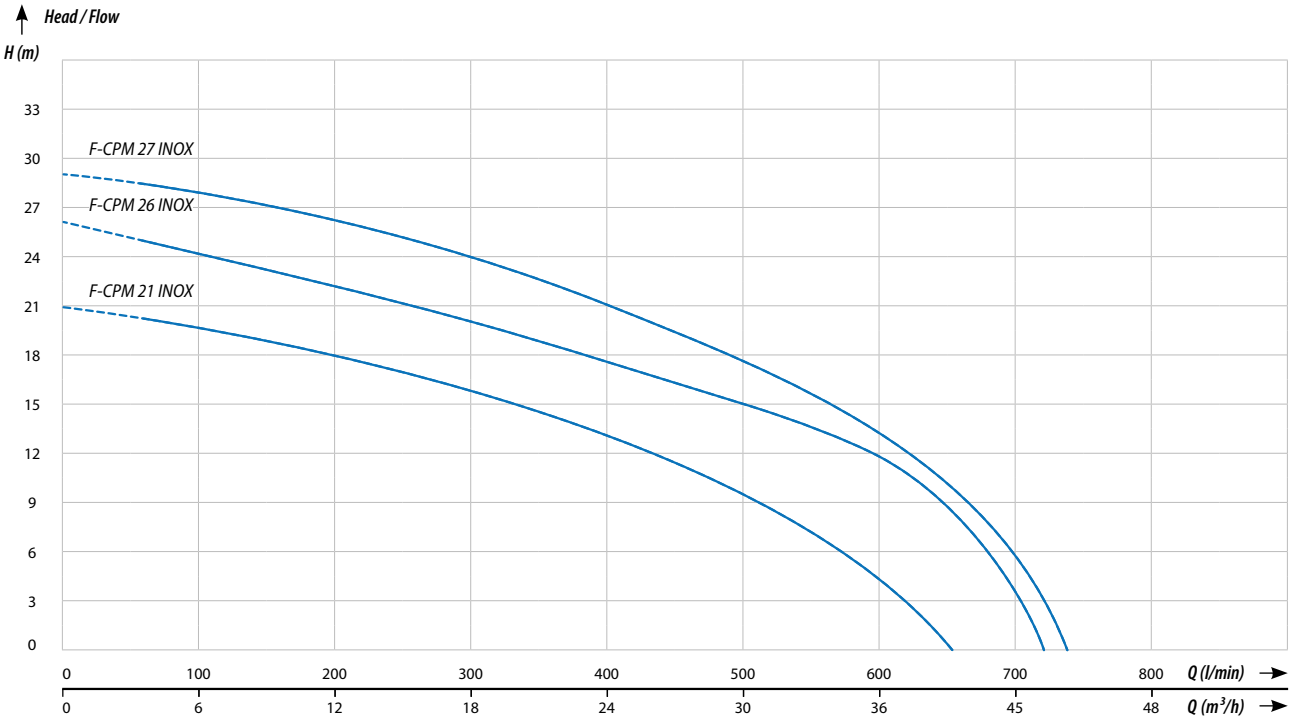


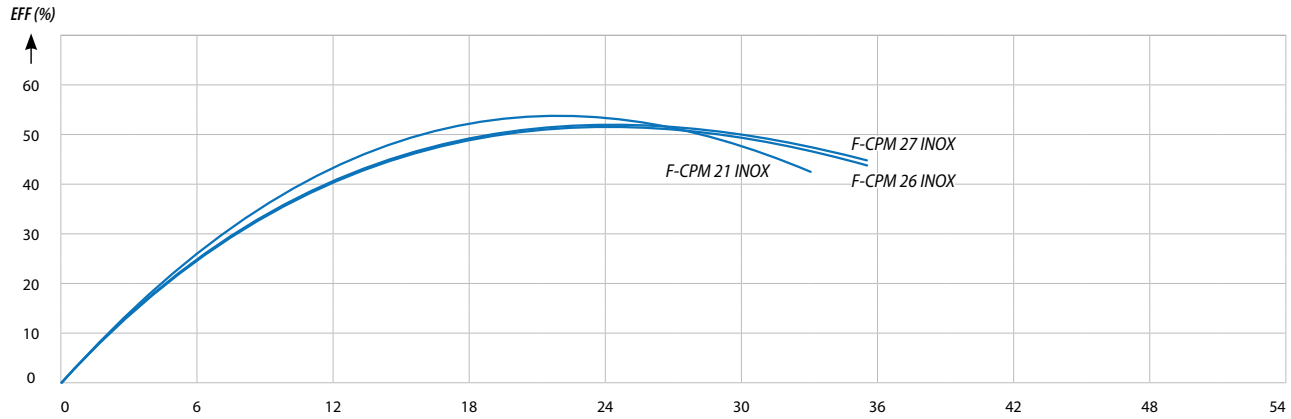

F-CPM INOX IMPELLER

Model	Dimensions (mm)										
	A	B	C	D	F	L	H	H1	H2	DNM	DNA
F-CPM 21 INOX	108	193	138	165	82	378	243	258	125	G2	G2
F-CPM 26 INOX	108	193	138	165	82	415	242	258	125	G2	G2
F-CPM 27 INOX	108	193	138	165	82	432	242	258	125	G2	G2

F-CPM cont.

Model	Power (kW)	Flow	l/min	0	100	200	300	400	500	600
			m^3/h	0	6	12	18	24	30	36
F-CPM 21 INOX	1,5	H (m)		21	20	18,5	16	13	10	4
F-CPM 26 INOX	2,2			26	24	22,5	20	17	15	12
F-CPM 27 INOX	3			29	28	26	24	21	17,5	13





Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Current consumption (A)	Ports (inches)	Weight (kg)
F-CPM 21 INOX	21	650	1,5	230	9,2	2 × 2	16,5
F-CPM 26 INOX	26	710	2,2	230	14	2 × 2	21
F-CPM 27 INOX	29	740	3	400	6,1	2 × 2	22,5