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FN Series - New range of cast iron centrifugal pumps according to EN733

Franklin Electric is pleased to introduce the new FN series of cast iron, single impeller, centrifugal pumps according to EN733. The FN Series is designed and built entirely in Italy using cutting-edge technology in terms of quality and efficiency.

The FN pumps are completely made of cast iron, externally coated with anticorrosive treatment. The impeller is painted with a cathaphoretic coating to avoid any corrosion. The motors are according to the highest standards of efficiency.

The product is available in several configurations in terms of compatibility of liquids, electric motor brands, special voltages and accessories:

	FNC	FNS	FNE
			
	close coupled with extended shaft <i>(impeller directly connected to motor shaft)</i>	close coupled with rigid coupling <i>(impeller connected to the motor shaft through a stainless steel coupling)</i>	bare shaft
Flow	up to 180 m ³ /h	up to 240 m ³ /h	up to 240 m ³ /h
Pressure	up to 90 m	up to 100 m	up to 100 m
Sizes	32, 40, 50, 65, 80	32, 40, 50, 65, 80	32, 40, 50, 65, 80
Materials	Cast iron GJL 200, impeller cathaphoresis coating		
Mechanical seal	Carbon / Ceramic / NBR		
Temperature	-20 °C – 90 °C <i>(with appropriate modifications to elastomers and mechanical seals it is possible to reach high temperatures up to 120 °C)</i>		
Power size	1.1 – 22 kW	1.1 – 75 kW	1.1 – 75 kW
Motor	mounted on a custom motor 100% Made in Italy IE3 efficiency 2 poles, single phase with integrated capacitor and three phase IP54	mounted on Lafert AEG motors as Standard 100 % Made in Italy IE3 efficiency 2 poles, three phase IP55 3 PTC sensors at 155 °C	Available on request



Product Range

Size	FNC model		Size	FNS model		Size	FNE model
32-125	50-160		32-200	65-160		32-125	50-200
32-160	50-200		32-250	65-200		32-160	50-250
32-200	50-250		40-200	65-250		32-200	65-125
32-250	65-125		40-250	80-125		32-250	65-160
40-125	65-160		50-160	80-160		40-125	65-200
40-160	65-200		50-200	80-200		40-160	65-250
40-200	80-125		50-250	80-250		40-200	80-125
32-125	50-160		65-125			40-250	80-160
32-160	50-200					50-125	80-200
32-200	50-250					50-160	80-250

The models FNC 50-250/220, FNC 65-200/220, FNC 80-160/220 will be available starting June 2019.

Mechanical Seal

Standard version: Carbon/Ceramic/NBR

Options:

Mechanical seal EN12756		E1	V4	E7	V8	E5	V6
Motor size [kW]	Shaft ø [mm]	QBGE	QBGV	QUGE	QUGV	UUGE	UUGV
1.1 – 4	20	•	•	•	•	-	-
5.5 – 7.5	24	•	•	•	•	-	-
9.2 – 22	30	•	•	•	•	-	-
30 – 75	40	-	-	-	-	•	•

Q: Silicon carbide B: Graphite U: Tungsten Carbide E: EPDM V: FKM G: Stainless Steel

For further information such as technical catalogs and instruction manuals, please visit franklinwater.eu. For commercial information, prices and lead times, please contact your commercial or marketing contact at Franklin Electric / E-Tech.

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