



Application

TMX FCE pump is a stainless steel centrifugal pump ideal for the transfer of water and other low viscosity liquids. It is designed to cater for the needs of auxiliary services in the food-processing, chemical, pharmaceutical and wine-making industries.

Design and Features

TMX FCE is a range of close-coupled centrifugal pumps. It is made of a cold-formed stainless steel casing, open impeller manufactured with stainless steel cold-formed plate or investment casting (according to model), mechanical seal, pump cover, lantern and shaft. TMX FCE centrifugal pump is provided with an internal single mechanical seal.

Options

AISI 304 stainless steel motor shroud.
Other materials for mechanical seals and gaskets.
Different types of connections.
Motor with other voltages, frequencies, mechanical protections and efficiencies. Trolley and/or control panel.

Technical Specifications

Materials:

Parts in contact with the product	AISI 316L
Other steel parts	EPDM or FPM
Gaskets in contact with the product	GG25

Mechanical Seal:

Rotary Part	AISI 316L
Stationary Part	EPDM or FPM
Gaskets in contact with the product	EPDM

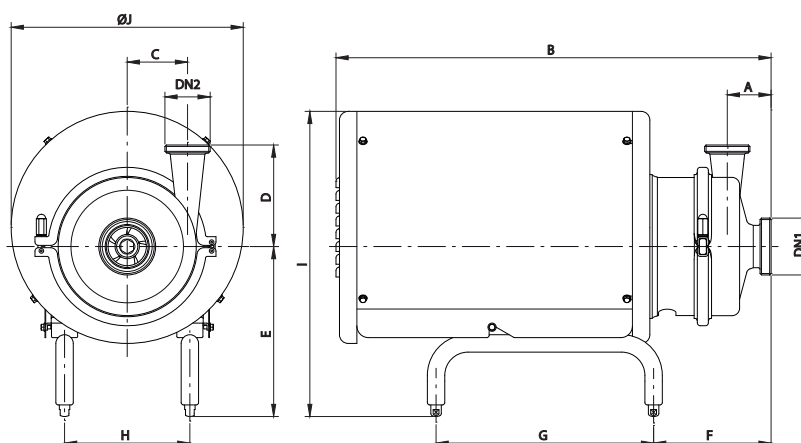
Surface Finish Matt

Conenctions Threaded connection (ISO 7)

Operating limits:

Maximum Working Pressure	6 bar	87 PSI
Temperature range	-10°C to + 120°C	14°F to 248 °F
Maximum flow	65 m ³ /h	286 US GPM
Maximum differential head	66 m	217 ft
Maximum speed	3000 rpm	

Dimension FCE Centrifugal Pump

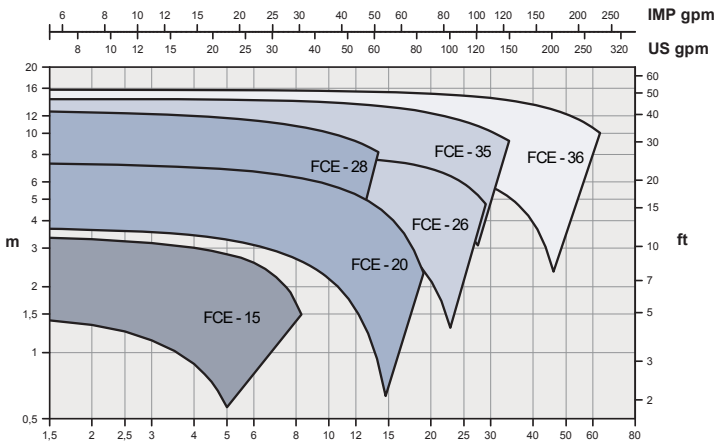


Pump	Motor	kW	rpm	DN1	DN2	A	B	C	D	E	F	G	H	HD	I	ØJ	L	M	kg
FCE 1	80	0,55	1450	R 1 1/2	R 1	64	405	48	110	80	204	100	125	220	86	9	125	160	12
	80	0,75	2900			395	80			204	100	125	220	86	9	125	160	13	
FCE 2	90S	1,1	1450	R 1 1/2	R 1 1/2	67	450	66	160	90	227	100	130	240	103	10	140	175	19
	90L	2,2	2900			475	90			227	125	155	240	103	10	140	175	21	
FCE 3	100	2,2	1450	R 2	R 2	70	520	92	192	100	251	140	180	265	128	12	160	200	32
	112	4	2900				535			112	258	140	180	295	128	12	190	230	37
	112	5,5					535			112	258	140	180	295	128	12	190	230	41
	132S	7,5					600			132	300	140	180	335	150	12	216	255	67

FCE Centrifugal Pump Performance Charts

50 Hz

1450 rpm



2900 rpm

