

Stainless steel electric surface pumps with magnetic drive peripheral impeller, ideal for increasing or maintaining circulating pressures in closed circuit systems. The transmission of motion to the impeller takes place thanks to the innovative magnetic joint system, without using mechanical seals, thus virtually reducing the risk of leakage to zero, with a consequent reduction in maintenance costs. They are developed for operation with diathermic oil or pressurized water at high temperatures, however, they are equally used in cryogenic applications with fully-fl uorinated liquids. Pumps specially dedicated to industrial sectors/applications.

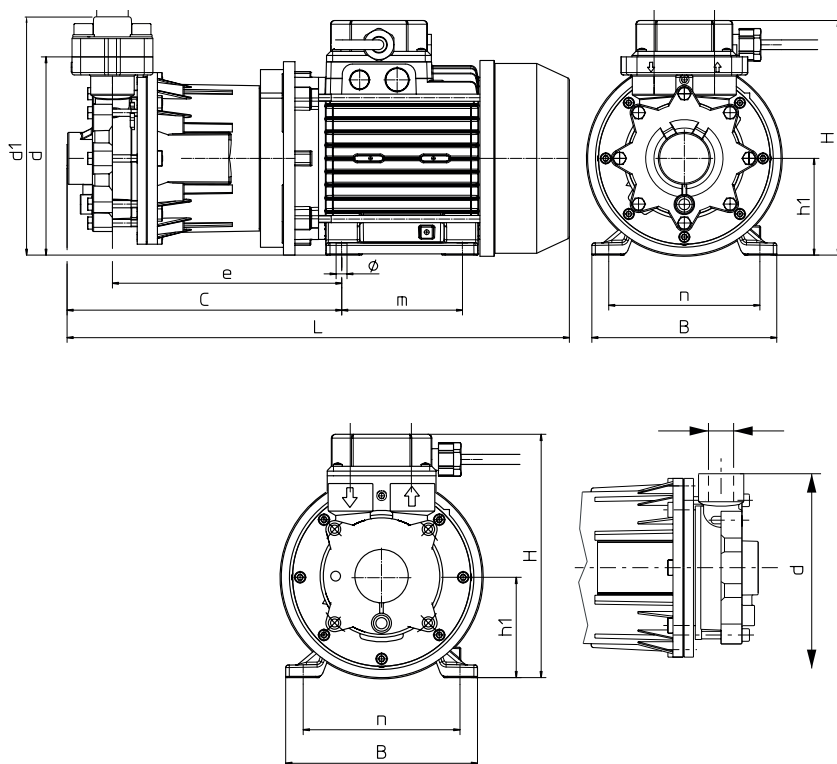


"MAIN APPLICATIONS"

- Cooling systems
- Pharmaceutical plants
- Chemical plants



DIMENSIONS AND TECHNICAL INFORMATION



PERFORMANCE CURVES

MAGNETIC DRIVE TURBINE
TE-CXM

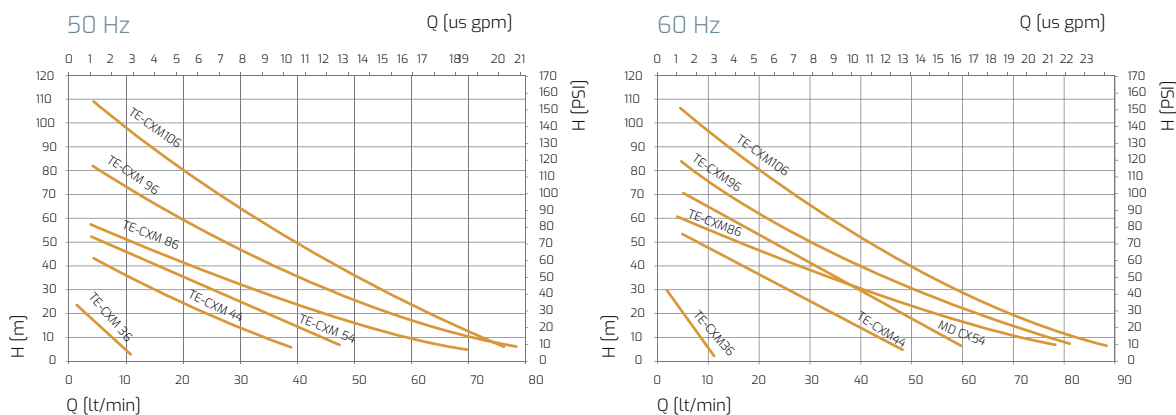
GENERAL DESCRIPTION

TIPO TYPE	DN	MATERIALI - MATERIALS -			DIMENSIONI mm - DIMENSIONS mm -																	Kg	
		CORPO PUMP BODY	BASE BASE	GIRANTE IMPELLER	L		B	H		d		d1	n	m	i		e	c		h1	Ø		
					STD	SAE		1PH	3PH	STD	SAE	SAE			STD	SAE		STD	SAE			STD	SAE
TE-CXM 36 DC-24V																							
TE-CXM 36	1/4	AISI 316	AISI 316	PEEK	233		110	146	146	100			90	60/85	25		86	107		56	7	4,1	
TE-CXM 44	1/2	AISI 316	AISI 316	AISI 316	317	322	120	172	161	120	122	159	100	80	35	35	146	171	176	63	7	8,9	9,4
TE-CXM 54	1/2	AISI 316	AISI 316	AISI 316	370	375	135	178	178	128	130	159	112	90	35	35	180	205	209	71	7	11,5	11,7
TE-CXM 86	3/4	AISI 316	AISI 316	AISI 316	420	420	153	227	194	154	164	202	125	100	50	55	192	231	231	80	9	19,5	20,4
TE-CXM 96	3/4	AISI 316	AISI 316	AISI 316	456 ÷ 492*		170		228	164	212	174	212	125	50	55	208	245	245	90	10	28	28,8
TE-CXM 106	3/4	AISI 316	AISI 316	AISI 316	454 ÷ 490*		170		228	164	212	174	212	125	50	55	208	243	243	90	10	28	28,8

* Dipende dal design del motore - Depending on the motor design

TIPO TYPE	P2 50Hz [kW]	P2 60Hz [kW]	50/60 Hz. DUAL	LT		ST		WT		HT		CT
				ACQUA WATER	OLIO OIL	ACQUA WATER	OLIO OIL	ACQUA WATER	OLIO OIL	ACQUA WATER	OLIO OIL	
TE-CXM 36	0,15	0,18	O.D.	-20/+120°C -4/+248°F	-20/+120°C -4/+248°F							
TE-CXM 44	0,55	0,74	O.D.									
TE-CXM 54	0,8	1,2	O.D.									
TE-CXM 86	1,6	2	O.D.			-20/+140°C -4/+284°F	-20/+180°C -4/+356°F	-20/+200°C -4/+392°F	R.F.T.	R.F.T.	-20/+350°C -4/+662°F	-100/+150°C -148/+302°F
TE-CXM 96	2,1	2,5	R.F.T.									
TE-CXM 106	2,5	2,95	R.F.T.									

P2 = Potenza assorbita pompa _ Pump absorbed power
 3ph~ 230/400V-50Hz; 264/460V-60Hz.
 1ph a richiesta - on demand
 STD = Standard
 O.D. = A richiesta - On Demand
 R.F.T. = Richiesta Fattibilità Tecnica - Technical Feasibility Request



Tolleranza secondo | Tolerance according | ISO 9906-2012

Caratteristiche idrauliche per acqua 20°C a velocità nominale pompa | Hydraulic characteristics for water 20°C at nominal pump speed |

PERFORMANCE CURVES