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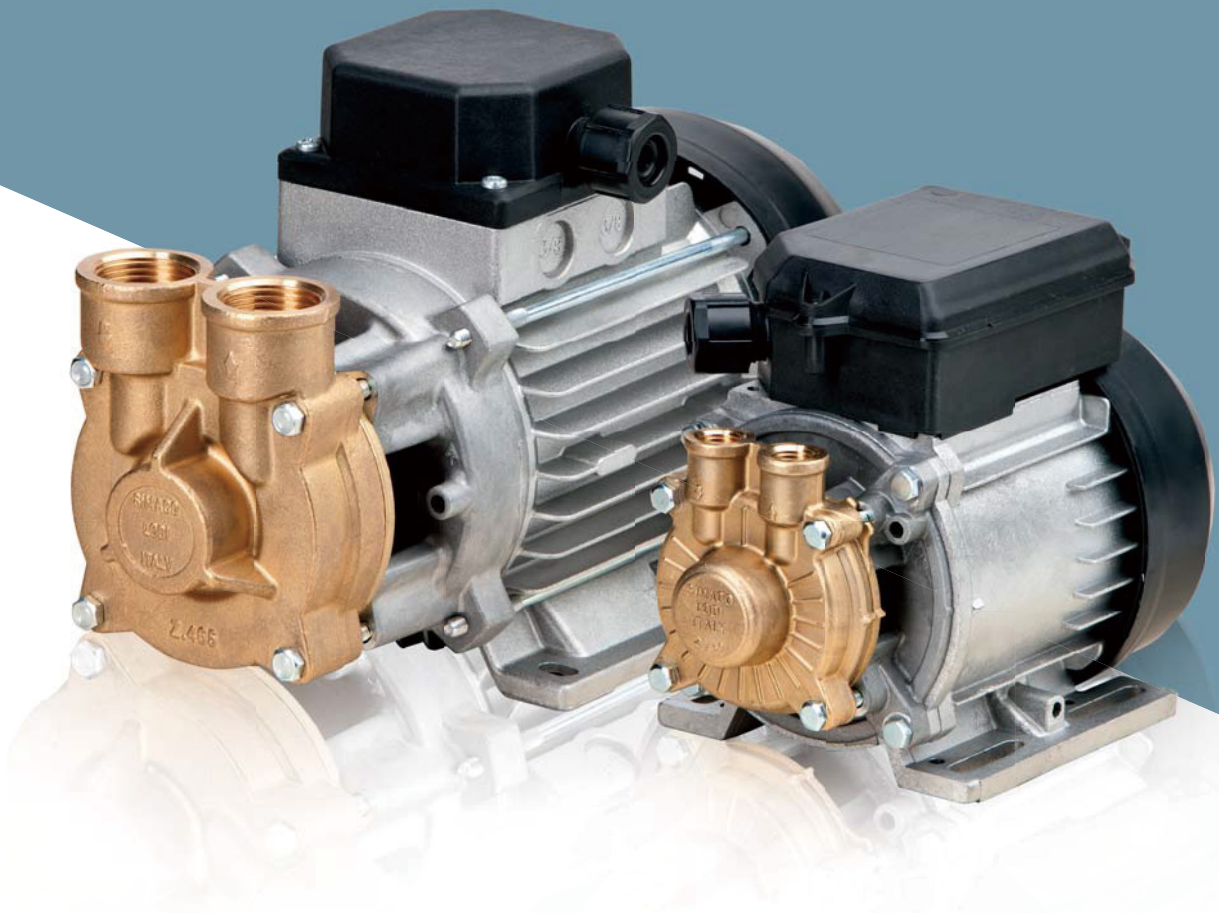
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REGENERATIVE TURBINE ELECTRIC PUMPS

P501
09/2017



SiMACO ELETTROMECCANICA 

Fluid Moving Technology

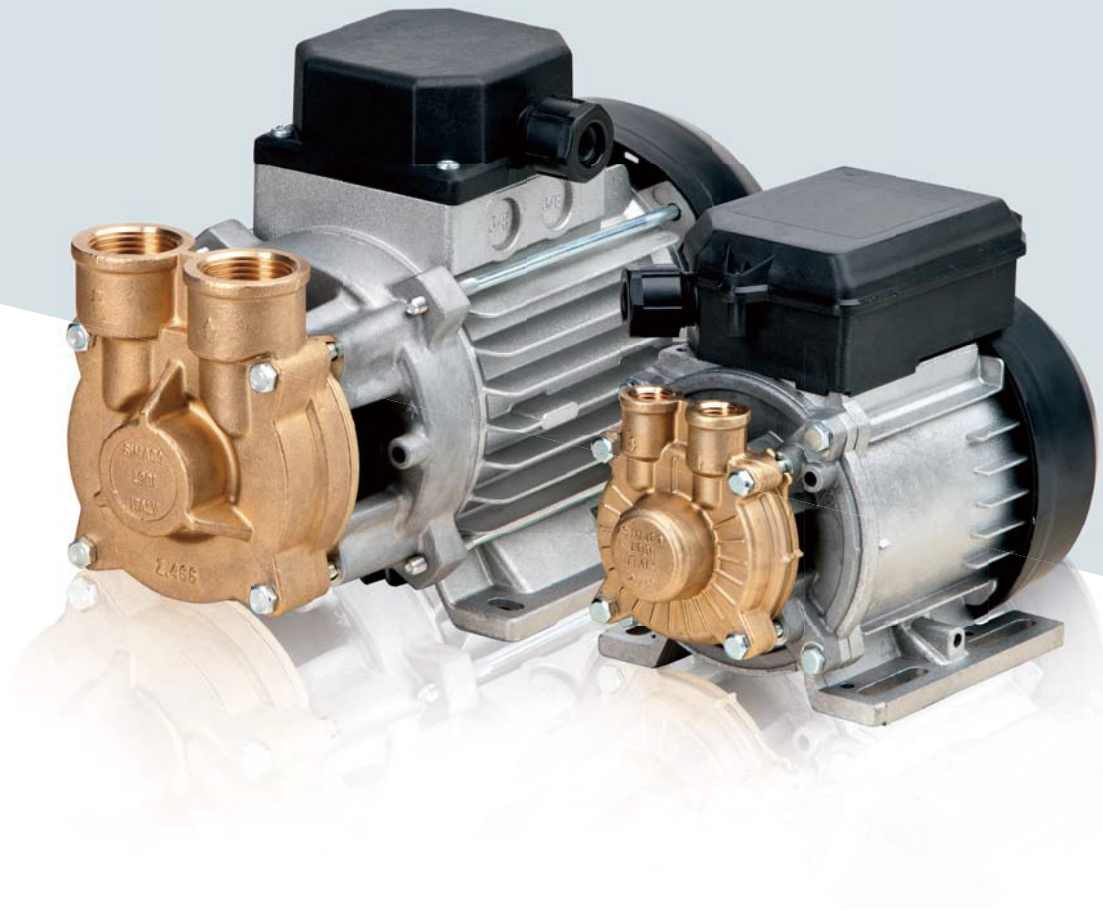


Duzone systems Co., Ltd.

키워드 : 더존펌프



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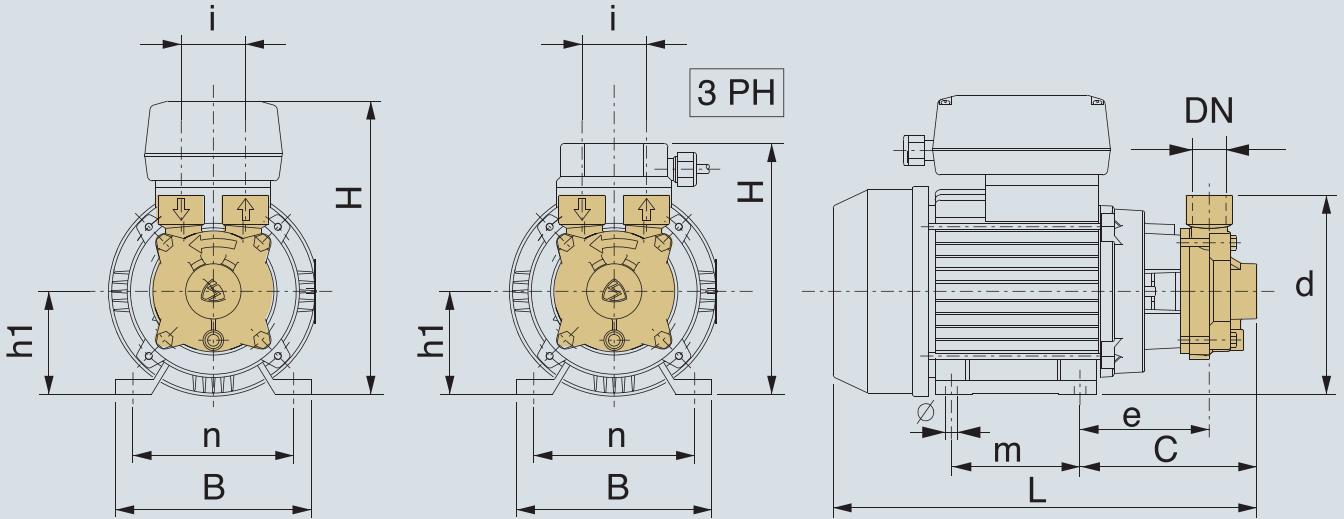
REGENERATIVE TURBINE ELECTRIC PUMPS

Brass mechanical seal electric surface pumps with peripheral impeller, ideal for increasing or maintaining circulating pressures at medium-low hydraulic flow rates in closed circuit systems.

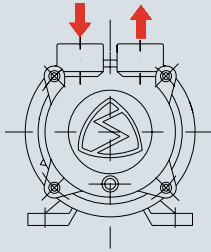
Operation with oils, clear and clean liquids without suspended solids or abrasives and inert dilutions as regards to the pump materials. The materials guarantee safety against the formation of rust.

Pumps specially dedicated to industrial sectors/applications. Extensive versatility, especially in the dual frequency version, with a wide selection of mechanical seals available on request.

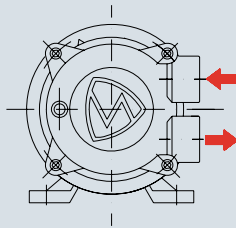
DIMENSIONS



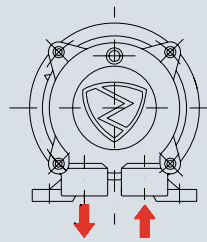
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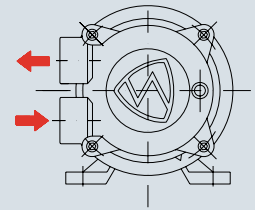
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STANDARD

TYPE		P2 (kW)		50/60 Hz DUAL	DN	MATERIALS			DIMENSIONS mm								Kg		
3 phase	1 phase	50 Hz 2800 rpm	60 Hz 3300 rpm			PUMP BODY	IMPELLER	SHAFT	L	B	H	d	n	m	i	e		C	h1
C 36 DC-24V		See specific brochure P508																	
C 36		0,14	0,19	STD	1/4	CuZn	CuZn	AISI 420	185	110	147	100	90	60/85	25	38	59	56	3,8
	Cm 36	0,15	0,22	STD	1/4	CuZn	CuZn	AISI 420	185	110	147	100	90	60/85	25	38	59	56	3,8
CP 36		0,14	0,19	STD	1/4	PPS	PEEK	AISI 420	185	110	147	100	90	60/85	25	38	59	56	3,4
	CPm 36	0,15	0,22	STD	1/4	PPS	PEEK	AISI 420	185	110	147	100	90	60/85	25	38	59	56	3,4
C 44		0,45	0,68	STD	3/8	CuZn	CuZn	AISI 420	247	120	161	120	100	80	30	81	100	63	6,4
	Cm 44	0,45	0,68	STD	3/8	CuZn	CuZn	AISI 420	247	120	172	120	100	80	30	81	100	63	6,4
C54		0,52	0,70	O.D.	3/4	CuZn	CuZn	AISI 420	252	120	161	123	100	80	40	83	105	63	6,8
	Cm 54	0,52	0,70	O.D.	3/4	CuZn	CuZn	AISI 420	252	120	172	123	100	80	40	83	105	63	6,8
C 64	-	0,64	0,74	R.F.T.	3/4	CuZn	CuZn	AISI 420	252	120	161	123	100	80	40	83	105	63	6,8
C 74		0,70	1,10	O.D.	3/4	CuZn	CuZn	AISI 420	268	132	178	131	112	90	40	81	103	71	9,3
	Cm 74	0,70	1,10	O.D.	3/4	CuZn	CuZn	AISI 420	268	132	190	131	112	90	40	81	103	71	9,3
C84		1	1,35	O.D.	3/4	CuZn	CuZn	AISI 420	268	132	178	131	112	90	40	81	103	71	9,3
	Cm 84	1	②	R.F.T.	3/4	CuZn	CuZn	AISI 420	268	132	190	131	112	90	40	81	103	71	9,3

1ph ~ 230V-50Hz | 3ph ~ 230/400V-50Hz - 265/460V-60Hz

① P2 = Pump absorbed power

② On demand

USES AND APPLICATIONS

- Cooling/chiller
- Air conditioning
- Thermoregulation
- Robotics and automation
- Washing
- Energy (also from renewable sources)
- Mechanical industry

CHARACTERISTICS

Continuous duty S1. 2 pole motor. Insulation class F. Protection IP42 (IP 54 on demand).

IE3 efficiency class for 3-phase motors >0,75 kW. Working tolerance: +/-10%.

Liquid temperature (with anti-freeze additive): -20°C / +90°C.

Limit ambient temperature: +40°C.

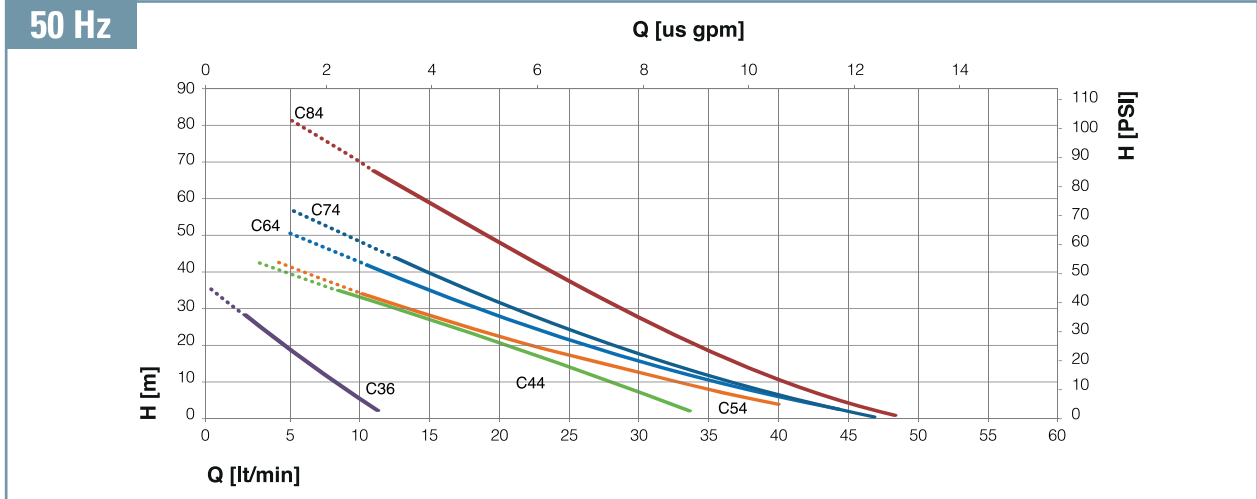
Normal priming, manometer suction up to 5m.

For clear waters/oils and non-aggressive dilutions, without abrasive substances.

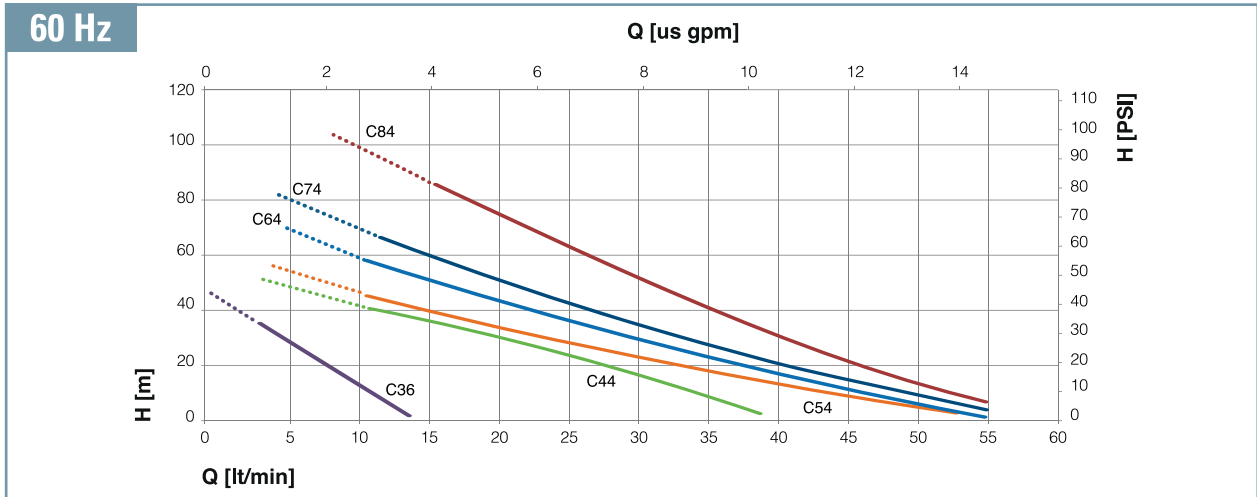
Manufactured in accordance with: EN 60034-1; EN 60034-30; EN 60335-1; EN 60335-2-41.

On demand: Special voltages – 60Hz version – Dual-frequency – Special fluids with temperature <180 °C – UL/CSA.

50 Hz



60 Hz



Tolerance according | ISO 9906-2012

Hydraulic characteristics for water 20°C at nominal pump speed

SIMACO reserves the right to make modifications without prior notice.



Fluid Moving Technology

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