WOLFARTH®

SELF-PRIMING REVERSIBLE ELECTRIC PUMPS FOR LIQUID AND DENSE PRODUCTS

RAPID SERIES
ULTRARAPID SERIES

STAINLESS STEEL
FROM BARS
AS A GUARANTEE
OF ENDURANCE
AND HYGIENE

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WOLFARTH®

RAPID SERIES

Self-priming reversible electric pumps for liquid and dense products

PUMP BODY

made of AISI 316L stainless steel machined from bars, NOT from casting (very smooth and compact surfaces)

FLEXIBLE IMPELLER

suitable in **several materials**, according to the products to handle: **CR (Neopren)** for detergents, glycol, soda, alcohol, hydrocarbons; **EPDM (Dutral)** for acids; **NBR (Nitril)** for mineral oils and terpenes; in **MATERIALS FOR THE USE IN CONTACT WITH FOODS: white Silicon, FDA** approved, for resins, hydrogen peroxide, phenols, soybean oil, olive oil; **CR, FDA** approved **(alimentary Neopren)**, for alcoholic beverages

REVERSIBLE

may work in either direction of rotation

EASY TO DISASSEMBLE AND TO ASSEMBLE

to simplify cleaning and maintenance operations

MODEL	kW	HP	R.P.M.	output lts water		head in meters								flexible pipe connections
				lts/hour		0	5	10	15	20	25	30	35	
R/12 R/12/8	0,18 0,18	0,25 0,25	1.400 700	540 270	output lts water per min.	9 4,5	8 4	7 3	5 1	2 -	- -	- -	- -	ø mm 12 ø mm 12
R/20 R/20/6 R/20/8	0,37 0,25 0,25	0,5 0,35 0,35	1.400 900 700	2.040 1.560 1.020		34 26 17	32 24 16	30 22 15	27 20 13	24 17 10	20 13 6	15 7 -	8 - -	ø mm 20 ø mm 20 ø mm 20
R/30 R/30/6 R/30/8	1,1 0,75 0,55	1,5 1 0,75	1.400 900 700	5.400 4.080 2.700		90 68 45	85 64 42	80 59 38	72 52 32	60 41 22	46 26 8	30 8 -	13 - -	ø mm 30 ø mm 30 ø mm 30
R/40 R/40/6 R/40/8	1,5 1,1 0,75	2 1,5 1	1.400 900 700	10.500 8.400 5.400		175 140 90	165 130 85	150 115 75	135 95 65	115 75 50	95 50 20	60 20 -	20 - -	ø mm 40 ø mm 40 ø mm 40
R/50 R/50/6 R/50/8	3 2,2 1,5	4 3 2	1.400 900 700	24.000 18.600 12.000		400 310 200	375 295 190	350 280 180	320 260 165	280 230 145	230 180 110	170 110 70	100 20 -	ø mm 50 o 60 ø mm 50 o 60 ø mm 50 o 60
R/80/6 R/80/8	7,5 5,5	10 7,5	900 700	45.000 36.000		750 600	720 570	650 530	570 480	490 420	400 350	300 230	150 80	ø mm 80 ø mm 80

The **RAPID** series electric pumps can be supplied in **ATEX** explosionproof execution

ULTRARAPID SERIES

The ULTRARAPID series electric pumps, whilst keeping the characteristics of the RAPID series pumps, may reach a greater head

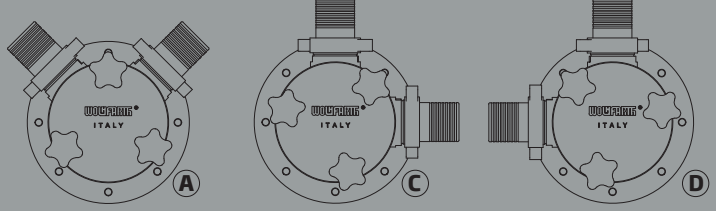
MODEL	kW	HP	R.P.M.	output lts water		head in meters								flexible pipe connections
				lts/hour		0	10	20	30	40	50	60	70	
UR/20	0,75	1	1.400	2.040	output lts water per min.	34	32	28	24	20	14	8	3	ø mm 20
UR/30	1,5	2	1.400	5.400		90	85	80	72	63	50	33	13	ø mm 30

ELECTRIC PUMP
WITH MECHANICAL
SPEED VARIATOR

ELECTRIC PUMP
WITH ELECTRONIC
ON-BOARD INVERTER
with removable keypad

for thick high viscosity products (creams, sauces, gel and ointments)

ELECTRIC PUMP
IN ATEX
EXPLOSIONPROOF EXECUTION



The standard connections are with rotary rubber holder pre-set as per fig. (A)
Upon demand they can also be supplied in special executions and pre-set to the position (C) or (D)

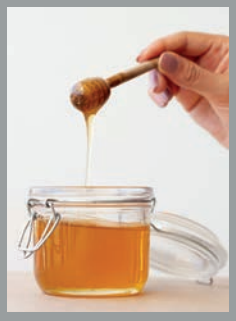
PRE-FILTER
DIA 180, 340, 440 mm
with stainless steel net
200,400,800 micron

WOLHFARTH®

FIELDS OF USE

RAPID SERIES
ULTRARAPID SERIES

Suitable for gently handling the products in several operating cycles of the processing and for filling the hoppers of the packing equipment

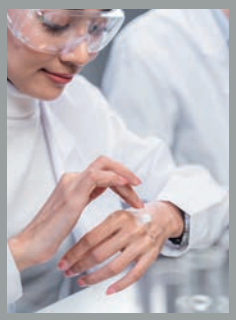


FOOD

LIQUID PRODUCTS: juices and beverages
DENSE PRODUCTS: besciamella, mayonnaise, custard, sponge-cake, yogurt
VERY THICK AND STICKY PRODUCTS: honey, jam, ragout and tomato sauce, also with suspended pieces

COSMETIC

LIQUID PRODUCTS: lotions,perfumes
DENSE PRODUCTS: soaps, cleansing milk
VERY THICK AND STICKY PRODUCTS: body creams, gel



PHARMA

LIQUID PRODUCTS: syrups
DENSE PRODUCTS: glycerine, emulsions
VERY THICK AND STICKY PRODUCTS: creams, ointments, gel, suppositories

CHEMICAL

products of the **GALVANIC INDUSTRIES, TEXTILE INDUSTRIES, DETERGENTS** for plants cleaning
BUILDING MATERIALS: glues, resins, hydropaints
IN ENVIRONMENTAL RECLAMATION for waste treatment

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