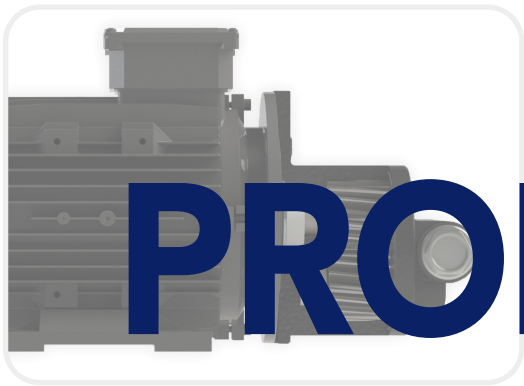




R Series

Monoblock gear pump



PRODUCT

Description

- Self-priming external helical gear electric pump with built-in safety valve.
- Suitable for the transfer of fuel oils, lubricants, animal or vegetable fats and others.
- The series is supplied with a single motor-pump shaft, being of completely compact and monobloc construction.
- Sealing solution with mechanical seal or lip seals depending on the model.

Materials

Pump casing	GG-25
Gears	Treated steel
Motor-pump shaft	F-114
Pump cover	GG-25
Sealing solution	Mechanical seal or double lip seal, depending on the model
Motor-pump shaft bearings	Rigid ball bearings with lubrication (2)

Technical data

Tension	- Single-phase 230 V $\pm$ 10% up to 1 HP - Three-phase 230/400 V $\pm$ 10% up to 5,5 HP
Poles	4 or 6 depending on the model
Level of protection	IP55
Insulation	F Class

Usage limits

Range of flow rates	From 220 to 6500 l/h
Range of pressures	Up to 10 bar depending on the model
Max. Working pressure	12 bar
Max. Working temperature	90°C
Max. Suction height	7 m

Connections

	Suction	Discharge
R-3	3/8	3/8
R-5	3/4	3/4
R-10/16	1"	1"
R-17/25/35/50/65	1" 1/4	1" 1/4

EVOLVED

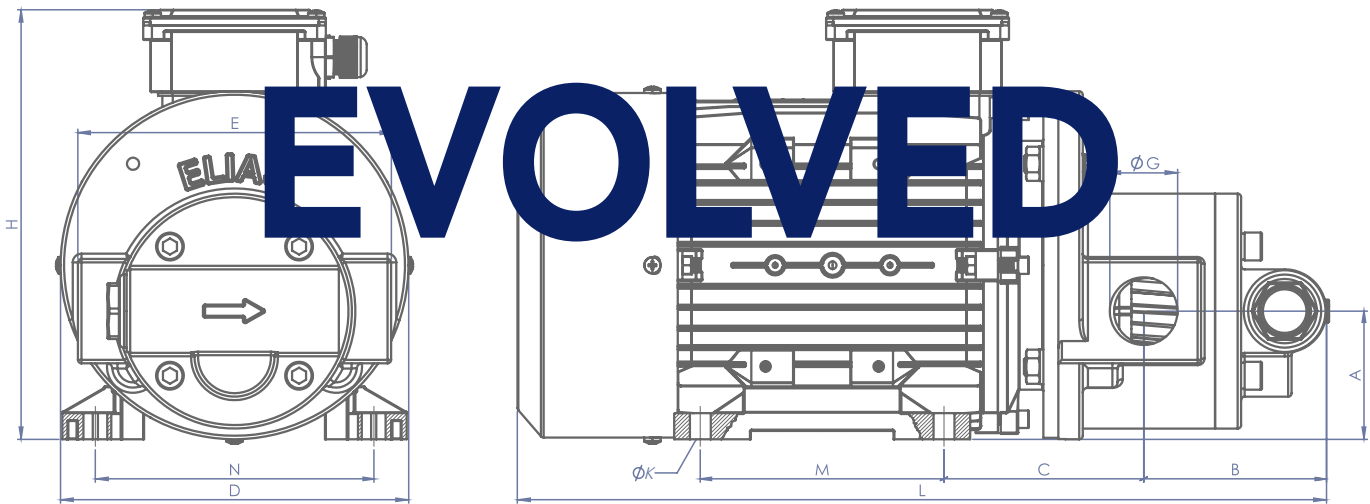
TO R-U



Model characteristics

Model	Power		Tension	I	n	P _{MAX.}	Flow
	HP	kW	V	A	rpm	kg/cm ²	l/h
R-3	0,5	0,37	230M 230/400T	3,8 2,5/1,5	1450	10	220
R-5	0,5	0,37	230M 230/400T	3,8 2,5/1,5	1450	10	500
R-10	1	0,75	230M 230/400T	6 3,6/2,1	1450	10	1000
R-16	1,5	1,1	230M 230/400T	6 4,2/2,5	1450	10	1600
R-17	1,5	1,1	230/400T	6,7/3,9	1450	10	1700
R-25	2	1,5	230/400T	8,8/5,1	1450	8	2500
R-35	3	1,5	230/400T	8,8/5,1	1450	8	3500
R-50	4	3	230/400T	12,3/7,1	1450	10	5000
R-65	5,5	4	230/400T	16/9,3	1450	8	6500

Dimensions



Model	Pump dimensions								Anchorage		
	L	H	A	B	E	ØG	M	N	ØK		
R-3	286	181	58	55	67,5	98	90	112	7		
R-5	286	182,5	59	55	67,5	98	90	112	7		
R-10	326	235	63,25	64,5	67,5	134	120	125	9		
R-16	326	235	62,15	64,5	67,5	154	120	125	9		
R-17	443	222	66,27	92,5	88,5	180	160	140	10		
R-25/35	494	251	73,65	104	112	200	180	160	12		
R-50	494	251	73,285	104	112	200	180	160	12		
R-65	494	251	73,95	104	112	200	180	160	12		