

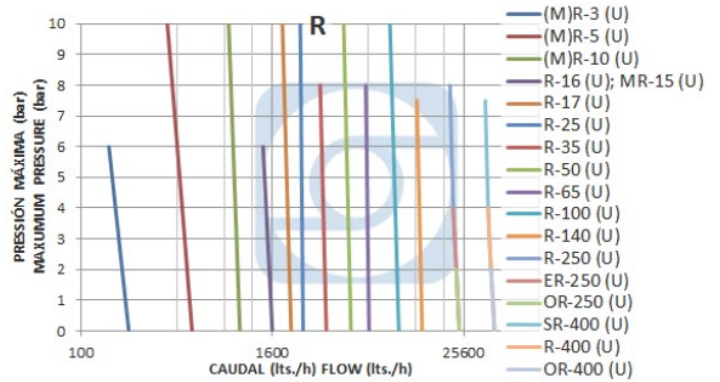
**Heating**

**SERIE R-MONOBLOC**

Gear Pumps



**Express service**  
Shipments to consult



**Description**

- ✓ Volumetric electric gear pump  
Self-priming. With built-in safety valve.
- ✓ Different versions: R-UNIVERSAL with Standard motor.
- ✓ Uses: Fuel oils, lubricants, animal and vegetable fats, etc.

**Technical data**

**Max suction depth**

7 m.c.a

**Protection degree**

IP-54 Class F

**Liquid max. temperature**

90 °C

**Tension**

Monophase 230 V ±10%  
Three-phase 230/400 V ±10% - 400/690 V

**Motor**

According to IEC norms. Thermoamperometric protection of automatic reset (monophasic).

**Capacitor**

Capacitor on terminal box

**Materials**

**Pump casinh**

Cast iron GG-20

**Mechanical seal**

Various versions

## Materials

### Impeller

Steel gears

### Bearings

2R-S lubrication forever

### Shaft

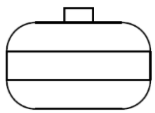
Steel

### Suction and discharge cover

Cast iron GG-20

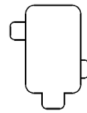
## Accessories

### Accumulator



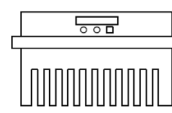
### Pressure switch

- Mechanical pressure switch
- Electronical pressure switch



### Control systems

- Pressure and speed regulators



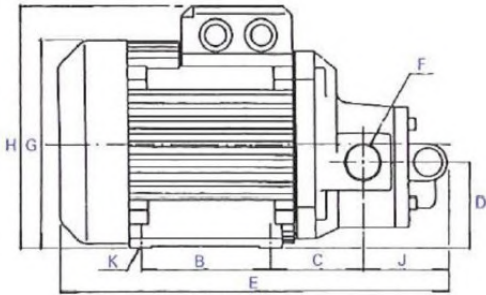
## Characteristics

TYPE	HP	TENSION (V)	Int. (A)	Ø Opening		r.p.m	Max. Pressure (kg/cm <sup>2</sup> )	Flow (lts/h)
				suc.	disch.			
R-3	0,4	230/400T	2,5/1,5	3/8"	3/8"	1450	6	220
MR-3	0,4	230M	3,8	3/8"	3/8"	1450	6	220
R-5	0,5	230/400T	2,5/1,5	3/4"	3/4"	1450	10	500
MR-5	0,5	230M	3,8	3/4"	3/4"	1450	10	500
R-10	1	230/400T	3,6/2,1	1"	1"	1450	10	1.000
MR-10	1	230M	6	1"	1"	1450	8	1.000
R-16	1	230/400T	3,6/2,1	1"	1"	1450	6	1.600
MR-15	1	230M	6	1"	1"	1450	6	1.600
R-17	2	230/400T	6,7/3,9	1" ¼	1" ¼	1450	10	1.700
R-25	2	230/400T	7,1/4,1	1" ¼	1" ¼	950	10	2.500
R-35	3	230/400T	8,8/5,1	1" ¼	1" ¼	1450	8	3.500
R-50	4	230/400T	12,3/7,1	1" ¼	1" ¼	1450	10	5.000
R-65	5,5	230/400T	16/9,3	1" ¼	1" ¼	1450	8	6.500
R-100	5,5	230/400T	16/9,3	DN65	DN65	950	10	10.00
R-140	7,5	230/600	22,5/13	DN65	DN65	1450	7	14.000
OR-250	5,5	230/600	16,1/9,3	DN80	DN80	1450	2	25.000
ER-250	7,5	230/600	22,5/13	DN80	DN80	1450	4	25.000
R-250	10	230/600	34,60/20	DN80	DN80	1450	8	25.000
SR-250	12,5	230/600	34,60/20	DN80	DN80	1450	8	25.000
OR-400	10	230/600	14,4	DN100	DN100	1450	2	40.000
R-400	15	230/600	21,2	DN100	DN100	1450	4	40.000
SR-400	25	230/600	34,2	DN100	DN100	1450	8	40.000
R-600	25	230/600	34,2	DN100	DN100	1450	6	60.000

# Heating

## Dimensions

TYPE	A	B	C	D	E	F	G	H	I	J	K
(M)R-3	112	90	47	58	269	3/8" G	141	172	95	58	7
(M)R-5	112	90	52	58	278	3/8" G	141	172	95	58	7
(M)R-10	125	100	76	63	326	1" G	158	190	119	65	9
MR-15	125	100	76	63	326	1" G	158	190	119	65	9
R-16	125	100	76	63	326	1" G	158	190	119	65	9
R-17	140	125	86	66	391	1 1/4" G	178	210	180	86	9
R-25	190	140	106	85	462	1 1/4" G	224	259	180	99	12
R-35	190	140	106	85	462	1 1/4" G	224	259	180	99	12
R-50	190	140	106	85	462	1 1/4" G	224	259	180	99	12
R-65	190	140	106	85	462	1 1/4" G	224	259	180	99	12
R-100	216	178	265	188	613	DN-65	308	360	276	131	12
R-140	216	140	265	188	613	DN-65	308	360	276	131	12



TYPE	A	B	C	D	E	F	G	I	J	K	a	b	c
OR-250			175	172	685	DN-80	250	310	165	12	180	70	
R-250	216	178	175	172	675	DN-80	250	310	165	12	180	70	102
ER-250	216	140	175	172	645	DN-80	250	310	165	12	180	70	102
OR-400			188	210	795	DN-100	250	350	198	14	254	121	
R-400	216	178	175	172	675	DN-100	305	350	198	14	254	121	83
SR-400	216	140	175	172	645	DN-100	305	350	198	14	254	121	83
R-600	216	178	235	172	675	DN-100	305	350	258	14	254	121	83

