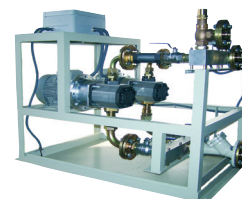


RL TRANSFERRING RING SYSTEM

RL ONE PUMP-RL ZW TWO PUMPS Versions for Bio Fuel¹⁾

MODEL N / ZW		RL 0	RL 1	RL 2	RL 3	RL 4	RL 5	RL 6	RL 7	RL 8	RL 9	RL 10
MAX. FLOW	l/h	100	260	460	900	1.400	2.100	3.400	5.300	7.500	10.500	12.000
SUPPLY FLOW	l/h	65	150	300	600	900	1.450	2.300	3.600	4.900	7.000	8.000
SUPPLY VOLTAGE	VOLT	400*	400	400	400	400	400	400	400	400	400	400
MOTOR POWER	KW	0,25	0,25	0,25	0,55	0,55	2,2	3	3	4	4	4
	CV	1/3	1/3	1/3	3/4	3/4	3	4	4	5,5	5,5	5,5
MOTOR	r.p.m.	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
CONNECTION TO THE HYDRAULIC CIRCUIT	SUCTION	DN 20	DN 25	DN 25	DN 32	DN 32	DN 50	DN 50	DN 50	DN 40	DN 50	DN 65
	DRIVE	DN 20	DN 25	DN 25	DN 32	DN 32	DN 50	DN 50	DN 50	DN 40	DN 40	DN 50
	OVERPRESSURE	1/2"F	3/4"F	3/4"F	1"F	1"F	DN 40	DN 40	DN 40	DN 40	DN 40	DN 40
SECURITY VALVE OPENS AT	bar	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
MOTOR PROTECTION	IP	55	55	55	55	55	55	55	55	55	55	55

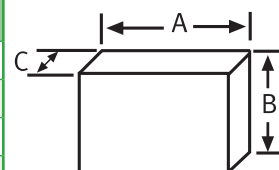


(*) Also available in 230 single phase versions (W/W= 230 V. single phase version; D= 400 V. triphase versions).

¹⁾ For viscosities till 38 mm²/s (40°C)

- For other capacity and mediums, please consult.
- ZW: Two pumps versions.

MODEL	RL 0		RL 1		RL 2		RL 3		RL 4		RL 5		RL 6		RL 7		RL 8		RL 9		RL 10		
	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	N	ZW	
A	595	870	595	870	595	870	890	870	890	1.200	1.300	1.200	1.300	1.200	1.300	1.200	1.300	1.200	1.300	1.200	1.300	1.200	1.300
B	575	720	575	720	575	720	790	720	790	1.000	1.000	1.000	1.000	1.000	1.000	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100
C	240	300	240	300	240	300	350	300	400	500	850	500	850	500	850	500	850	500	850	500	850	500	850
APPROX. WEIGHT (KG)	15	32	17	36	17	36	29	73	35	84	100	130	105	135	110	145	120	150	125	155	130	165	



Contents list for RL Transferring Ring System One Pump Versions

Motor, flange, clutch, coupling, gear pump, filter, vacuumeter, pressure gange, pressure switch, security for pipe breaking or no fuel failure, motor protection with contactor, main switch, failure indicator, time delay pressure switch control for first runnings, overpressure security valve, flange or G inside tread connection to hydraulic circuit, free relay connections for failure signals out of the RL pump. All ready, mounted, fixed and electrically connected in wall plate. RL 5 and above in angle workframe.

“IM” system to stop pumps when all burners are off is optional for RL-N.

Additionally, in Two Pumps versions:

Motor, flange, clutch, coupling, gear pump, Motor protection with contactor, alternating motor steering in time swap over.

“IM” system to stop pumps when all burners are off is included (optional for RL-N).

Manufactured and tested under DIN 12.514-1 (except RL 30 BIO).

For higher viscosities please consult for the suitable RL system specification.

Reference mark:

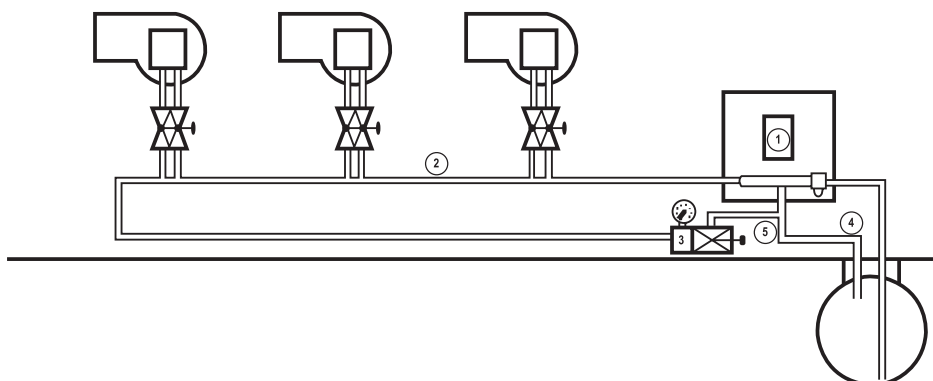
To maintain security disposals from DIN norm, the pressure regulation valve must be placed in the return pipe to tank in proximity to the tank.

Accessories and adaptations

- Special non –ferrous metal free versions upon request.
- Standard motor power ready for viscosities till 38mm²/s (40°C). For other, please consult.
- IM system to stop pumps when all burners are off (optional for RL one pump).
- Free voltage relay output to control from centralised Building Management System, in kit 3, 4 or 6 signals (2-thermal, motors 1 or 2 ON, low pressure and Leak safety ON).
- GSM alarm system by SMS messages, or connection to modem.
- Adaptation of Pressure Group for high pressure, working conditions above 6,5 Kg/cm².
- Leak collector trays with infrared detectors (standard in RL-4 and above).
- Modifications to adapt to specifically regulated environments (tropicalised equipment or ATEX).
- Solenoid valves with flow limiters, to automate filling in supply tanks for electrical generators.
- Soundproof sheet cabinets with UNE-25 poly-pyramid foam and lock. Manufactured with no back and made-to-measure for each Pressure Group model.
- Assembly of Pressure Groups in IP-55 cabinets for outdoor installation with exterior suction and drive pipe couplings, electric connection presses and ventilation grills.
- Line pressure switch to signal low pressure.
- Power supply failure safety system (timer deferred low pressure stop).

Art. Nr.

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1. RL Heating Oil Transferring Ring System.
2. Feeding pipe line.
3. Pressure regulation valve type DRV 1.
4. Return pipe line
5. Overpressure pipe line.

