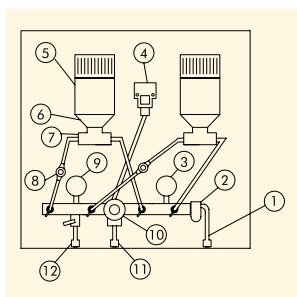


RL METHANOL TRANSFER UNITS



- Suction pipe (1)
- Filter (2)
- Vacuum gauge (3)
- Pressure switch-low (4)
- pressure security
- Triphase motors (5)
- Magnetic coupling (6)
- Gear pump (7)
- Anti return valve (8)
- Pressure gauge (9)
- Overpressure control valve (10)
- Overflow pipe (11)
- Pressure pipe (12)

MODEL METHANOL		RL 140 ZW	RL 260 ZW
MAX. FLOW	l/h	140	260
FEEDING FLOW	l/h	70	130
UNIT CONNECTIONS	Suction	1/2"	1/2"
	Pressure	1/2"	1/2"
	Return	1/2"	1/2"
SUPPLY VOLTAGE	Volt	230 / 400 tri-phase	230 / 400 tri-phase
MOTOR POWER	KW	0,25	0,25
	C.V.	1/3	1/3
OVERPRESSURE VALVE OPENS AT:	bar	6,5	6,5
DIMENSIONS	mm	800 x 800 x 300	800 x 800 x 300
WEIGHT	Kg.	65	74

RL hydraulic driving unit for ring transfer system, in double pump version, special version for methanol, in safety steel cabinet

- 2 gear pumps with pressure relief valve and magnetic hermetic couplings, self aspirating, ATEX protection (EX 11 z GDcX(1))
- 2 triphase motors 230/400-Volt, ATEX protection (EX 11 2GEEEx 11 T4 IP55(1))
- 2 anti return valves with mounted Cu-pipes
- 5 quick shutoff valves
- Filter with sintered bronze sieve and brass filter cup
- Vacuum gauge, manometer 6,5 bar
- Overpressure valve
- Pressure switch for protection against dry run or pipe failure controlled through relay, ATEX protection (EX 11 2 GD EEX de 11C T6 IP65(1))
- Connections (suction, pressure, overpressure): 1/2" inside thread
- Protection type: IP54
- All parts are assembled in a protection cabinet of approx.: 800 x 800 x 300 mm

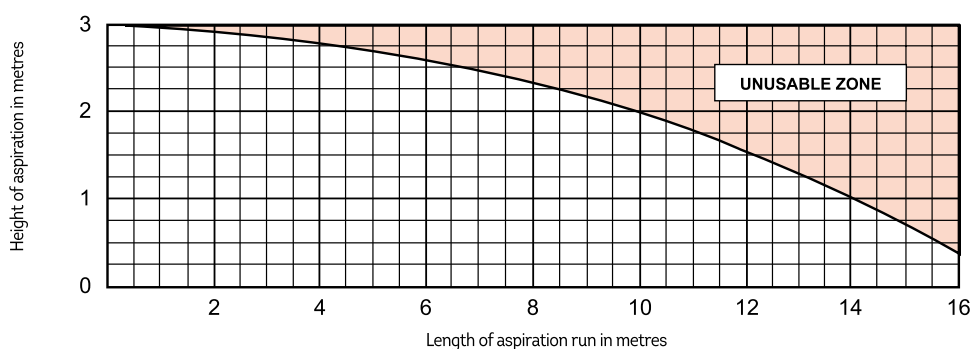
ATEX certifications for the single components are supplied with the unit.

Indications: Electric connection wiring must be conducted with plastic NYKY cables with lead casing. The hydraulic unit is manufactured according to:

TRbF 100 and TRbF 110 EX protected installations:

VDE 170/171 corresponding to DIN 50014 as well as DIN 50020
 VDE 165 corresponding to DIN 57165

SUCTION DIAGRAM



RL METHANOL TRANSFER UNITS

DIMENSIONS	mm	400 x 400 x 200
WEIGHT	Kg	10
PROTECTION RATE	IP	55
AUTOMATIC ALTERNATING SWITCH		Whit internal timer
Ø FOR CABLE GLAND	mm	20

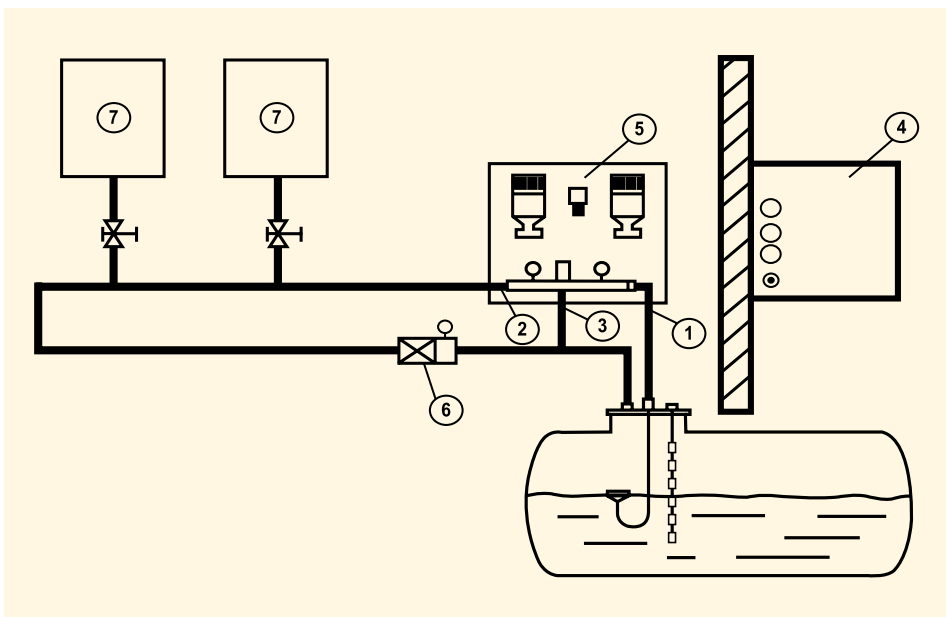
Electrical-control cabinet, scope of delivery

Automatic alternating switch with internal timer for double ring pump system, consisting of:

- 2 nos. motor protection
- Start-up button
- Operating lamp
- Malfunction warning lamp
- Alternative operation with pump 1 and pump 2 with timer, duration of run adjustable for each pump
- Time relay for bridging pressure drop
- Transistor relay
- Automatic breakdown switching over in case of malfunction (indication with warning light)
- Automatic pump alternation in case of an actuating motor protect switch
- Optional manual alternation from pump 1 to pump 2

Accessories and adaptations

- Pump control cabinet with built-in electrical changeover for twin motor pump units.
- Methanol pump system in steel cabinet for twin units RL 140 ZW me.
- Methanol pump system in steel cabinet for twin units RL 260 ZW me.
- Duplex filter (special version installed in the pump cabinet at the factory)
- Overflow valve RL 140 ZW me
- Overflow valve RL 260 ZW me



- 1) Suction line
- 2) Pressure line
- 3) Overpressure line
- 4) Electric control part Simka RL Methanol
- 5) Pump unit Simka RL Methanol
- 6) Pressure regulating valve type DRV
- 7) Appliance to supply



This is a product suitable for projects.
See all Inpro project references here



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