

COMPACT UNIT FOR CENTRALIZED LUBRICATION

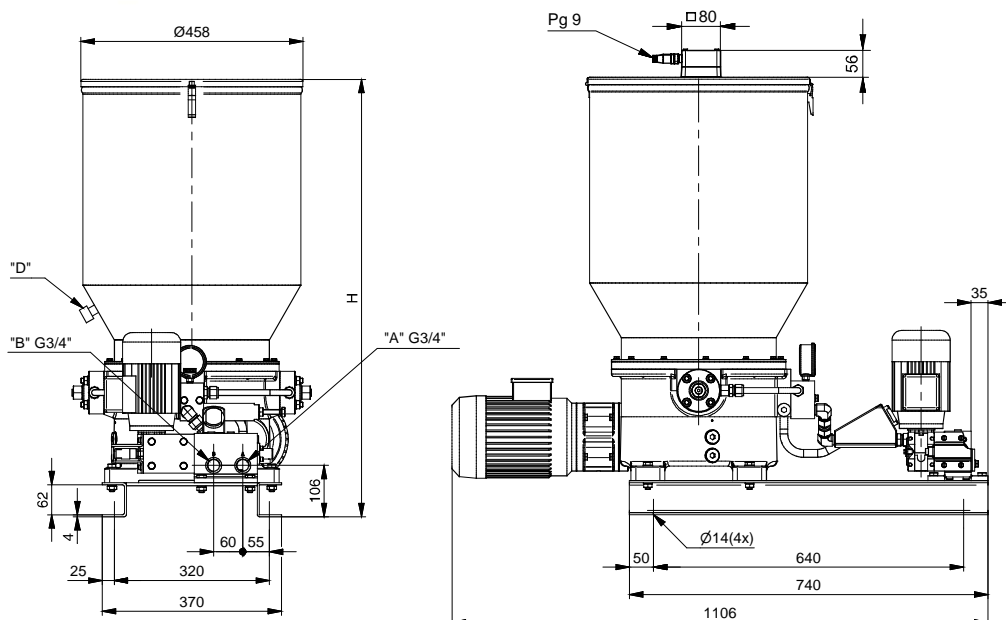
(WITH ELECTRIC DRIVEN CHANGE-OVER VALVE 400V)



The compact unit is applied for oil and grease lubrication in two-line systems. It is suitable for operation in very hard working conditions (excavators for surface exploitation, iron plants, cement works, etc.). Pump with lubricant level indication have "AU" in code. Ultrasonic level indicator indicate 3 lubricant level in the tank, with the range according to customer requirements.

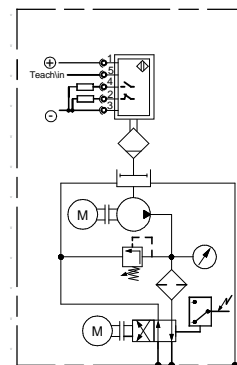
The tank filled through the port D (with seals cone 24° DIN 3901/3902 M26x1,5), using the charging pump. This is recommended to avoid particles and air in lubricant. This piston pump is equipped with pressure gauge and pressure relief valve to prevent the overload. For lubrication of gear unit of the pump use hypoid oil. The oil level must be equal to down edge of filling port.

The lubricant flows from the pump through the filter to the change-over valve. When the pressure in distributing line increases to the adjusting value is performed automatically transfer of main line and lubrication cycle is completed. This is indicated by micro switch of electric indicator. Starting the pump begins the lubrication cycle in second line. This simplifies the control of whole lubrication system.



Ordering code		10-2110	10-2110-1	10-2110/1	10-2110/1-1	10-2110/2	10-2110/2-1
Fluid	oil viscosity	>32 mm ² /s					
	grease NLGI	≤3					
	temperature	-25 ; +80 °C					
Work pressure		250 bar		300 bar		350 bar	
Flow		500 cm ³ /min		300 cm ³ /min		150 cm ³ /min	
Electric motor of pump		1,1KW		3x400V	50 Hz	1370 rpm	
Electric motor of change-over valve		0,09KW		3x400V	50Hz	1320 rpm	
Gear box ratio		100 : 1					
Switching time for change-over valve		2,3 s					
Electric indicator on change-over valve		max 220V 5A					
Ultrasonic level indicator		10 do 30V 200mA 2xPNP NO/NC					
Tank volume		50dm ³	80dm ³	50dm ³	80dm ³	50dm ³	80dm ³
Height H		682 mm	902 mm	682 mm	902 mm	682 mm	902 mm
Mass		105 kg	110 kg	105 kg	110 kg	105 kg	110 kg

SYMBOL:



SERBIA

36210 VRNJACKA BANJA
Rudjinci 175/A

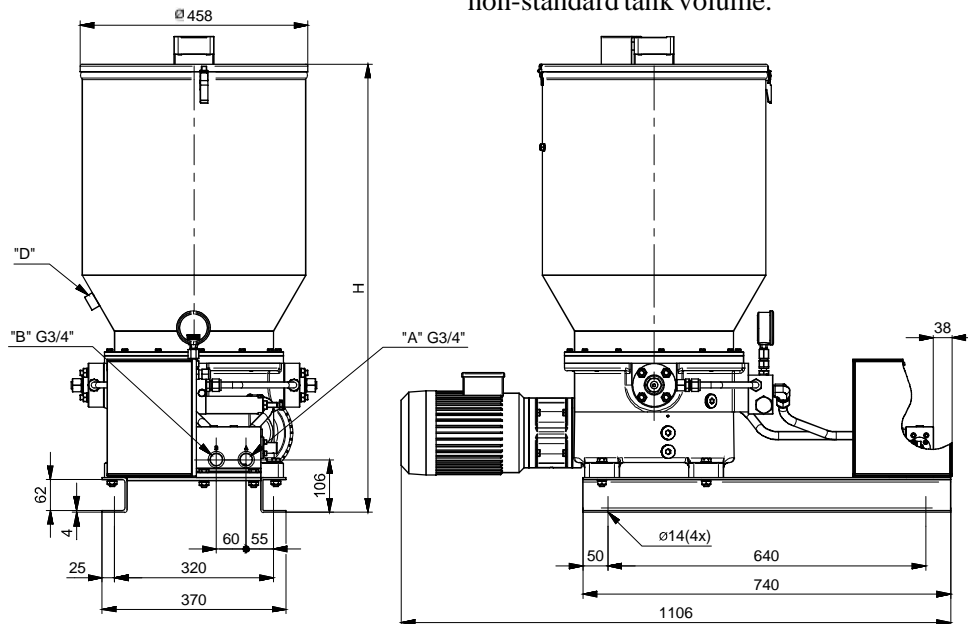
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COMPACT UNIT FOR CENTRALIZED LUBRICATION (WITH ELECTRIC DRIVEN CHANGE-OVER VALVE 24V DC / 230V AC)

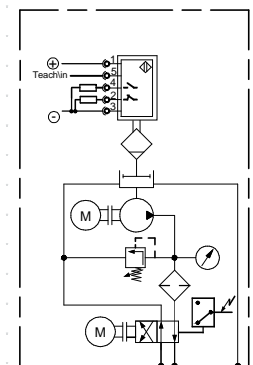


The compact unit is applied for oil and grease lubrication in two-line systems. It is suitable for operation in very hard working conditions (excavators for surface exploitation, iron plants, cement works, etc.) In the tank should be posed level indicator max/min (for automat. supplying). If it is required pump with level indicator, to primary code should add „AU“. Ultrasonic level indicator indicate 3 lubricant level in the tank, with the range according to customer requirements. There is many tank variants: 40, 50, 60, 80 and 100 dm³. This is a piston pump. It is equipped with manometer, pressure relief valve to prevent overload and filter fineness 150 μm. The lubricant flows from the pump through the filter to the electric driven grease change-over valve. When the pressure in distributing line reaches the required value, electric driven change-over valve, based on control cabinet command, directs flow in the second line. Lubrication cycle is completed and this is indicated by micro switch of electric indicator. Starting the pump, change-over valve automatically fill with lubricant second line and repeat lubrication cycle. Change-over valve is available in two variants: 24V DC or 230V AC. Desired variant emphasize in ordering. Also, it should be emphasized non-standard tank volume.



Ordering code		10-2120	10-2120-1	10-2120/1	10-2120/1-1	10-2120/2	10-2120/2-1
Fluid	oil viscosity	>32 mm ² /s					
	grease NLGI	≤3					
	temperature	-25 ; +80 °C					
Work pressure		250 bar		300 bar		350 bar	
Flow		500 cm ³ /min		300 cm ³ /min		150 cm ³ /min	
Electric motor of pump		1,1KW 3x400V 50 Hz 1370 rpm					
Electric motor of change-over valve		24V DC 1,2A / 230V AC 0,25A					
Switching time for change-over valve		1,0 s					
Electric indicator on change-over valve		max 220V 5A					
Ultrasonic level indicator		10 do 30V 200mA 2xPNP NO/NC					
Tank volume		50dm ³	80dm ³	50dm ³	80dm ³	50dm ³	80dm ³
Height H		682 mm	902 mm	682 mm	902 mm	682 mm	902 mm
Mass		105 kg	110 kg	105 kg	110 kg	105 kg	110 kg

SYMBOL:



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