Overpressure reverser C12

Centralized greasing systems » Reverser

Applications

It is used for switching lines into double line lubrication systems of grease or oil

Features

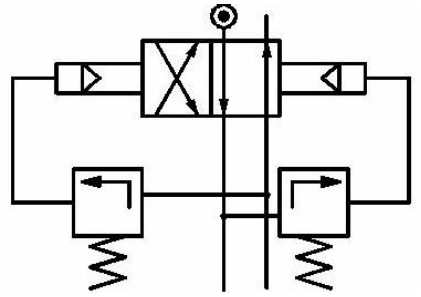
- Robust body made of steel
- External zinc-plated protection
- Different possibilities of control
- Adjustable pressure range

Description

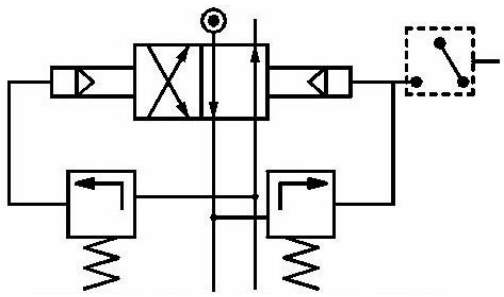
The overpressure reversers are especially useful equipment in double grease lines to have automated alternate operation of both lines. The equipment automatically pressurizes or relieves the lubricant flow from one line to the other depending on the predetermined pressure.

Design and operating principle

This overpressure reverser is mechanically actuated and specially designed for double line systems of medium length. Overpressure reverser works very similar to a two ways- two ports valve. If the pressure in the work line reaches the set pressure, an internal overpressure valve will open and command a piston to actuate against the other two pistons, one of them will switch the work line.



Synoptic diagram without control



Synoptic diagram with control detector

Installation

To ensure a correct operation, the location of the overpressure reverser in the installation must be at the beginning of the grease line, at the pump outlet.

Specifications

Flow	12 kg/h
Maximum working pressure	300 bar
Minimum working pressure	40 bar
Inlet connection	G 3/8 female
Outlet connection	G 1/4 female
Return connection	G 1/4 female
Mounting position	Variable
Body material	Steel EN10087 – 11SMnPb30 zinc-plated
Weight	4,4 kg
Dimensions	130x80x55 mm
Qualities	Electroplated coating of zinc ISO 2081 – Fe/Zn12/A

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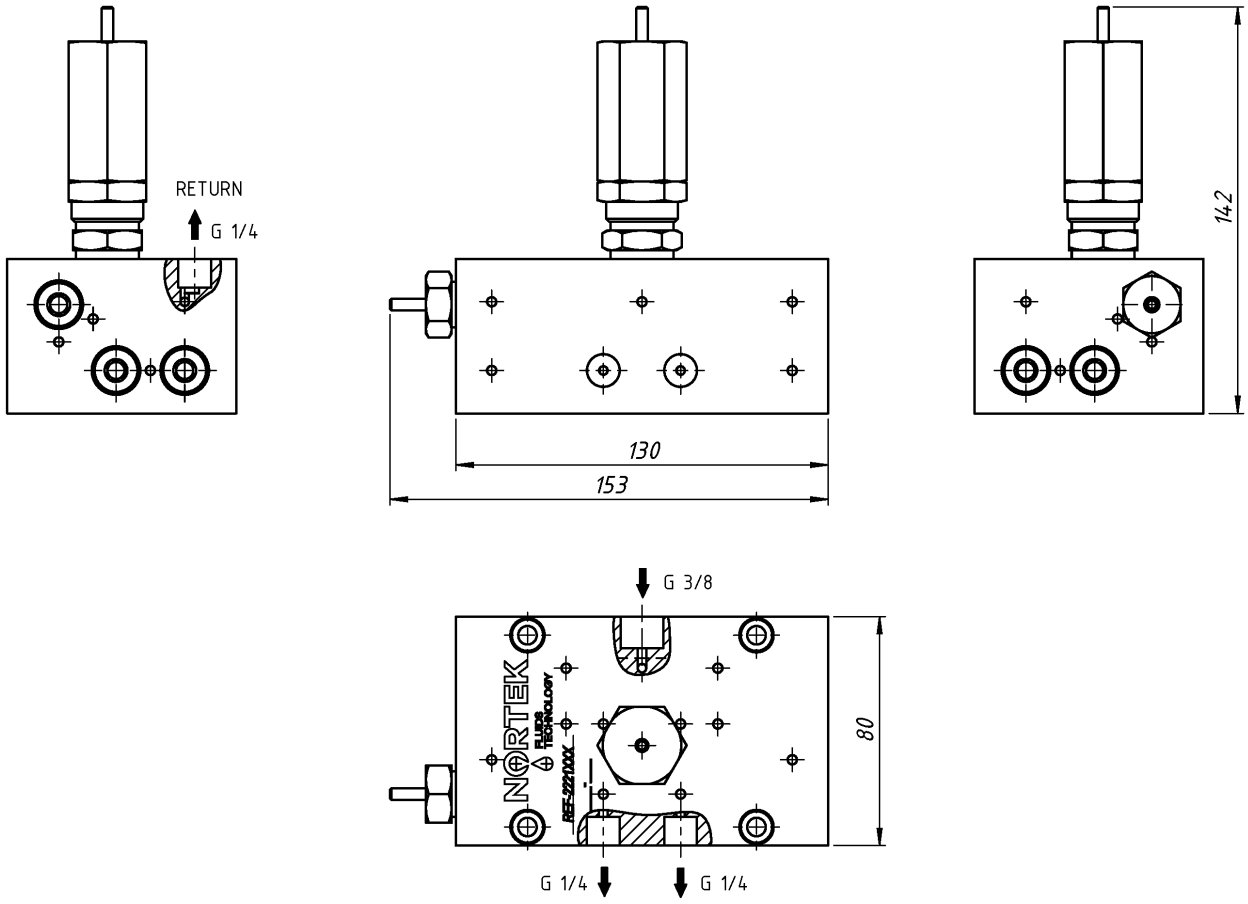
Dimensional drawing

Dimensions in mm



Ordering information

ADD CODE DEPENDING ON ASSEMBLY

	C12-	X	-XX
Operational control			
Visual		**V**	
Limit switch		**I**	
Inductive proximity sensor		**D**	
Special code			
For non-standard elements			**-XX**