

Applications

Distributions of lubrication in industrial machinery, such as roller conveyors, straightening machines or cushions.

Installations in the paper industry, steelworks, and quarries can be used this type of products with high guarantees of a suitable lubrication.

Features

- ▶ Design in block avoiding leaks
- ▶ Oil or grease can be used
- ▶ High performances
- ▶ Progressive and uniform lubrication
- ▶ Internal communication of outlets
- ▶ Different control systems, visual or electrical by means of switch or proximity sensor.
- ▶ Robust steel body according to EN 10087-11SMnPb30



Description

Progressive distributors operate with pistons, which make a clean and precise distribution of lubricant.

They take their name from the fact that the lubricant is supplied to the lubrication points in a progressive order.

Design and operating principle

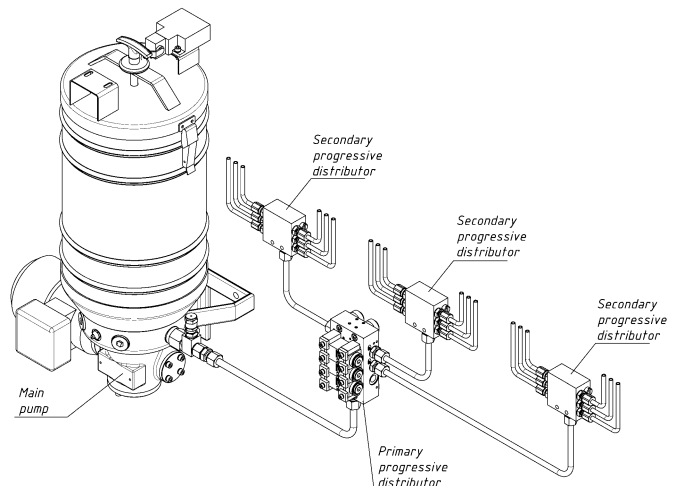
The lubricant inlet acts on the first piston causing the movement of it, which forces the displacement of the following pistons, providing flow through the outputs and causing their progressive and continuous movement as long as there is lubricant input from the entrance.

Depending on greasing points, this progressive allows to join outlets internally to unify the greasing on the inside, avoiding annoying external "T" assemblies.

The blockage of a single piston due to lack of lubricant, entails blocking the entire distributor. The solution simply consists of adding a detection system in a single plunger to be able to control all of them.

Installation

For correct operation, the progressive distributor must be located at the beginning of the lubrication line, at the outlet of the pump. They always need to be installed in a progressive pumping system, due to their low flow they are normally used as secondary progressive distributors, the lubricant inlet is carried out by means of a pressure pump to a main distributor proportionally distributing the flow received between the secondary progressives, these in turn distributing the lubricant between the necessary greasing points.

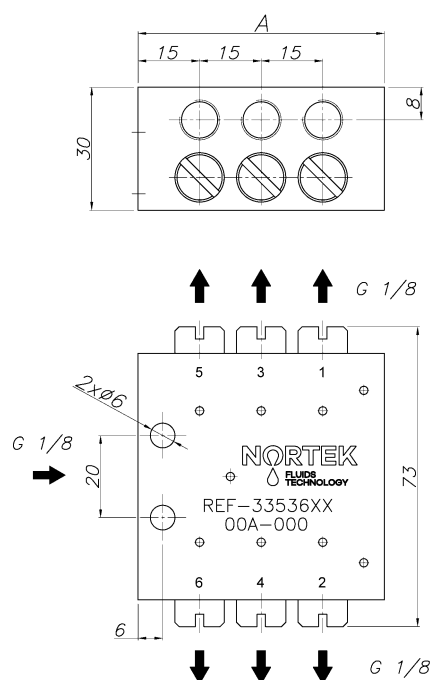


Specifications

Number of outlets	From 6 to 16
Outflow per piston	0,2 cm ³
Minimum work pressure	10 bar
Maximum working pressure	200 bar
Inlet connection	G 1/8
Outlet connections	G 1/8
Qualities	Electroplated coating of zinc ISO 2081 - Fe/Zn12/A

Dimensional drawing

Dimensions in mm



N° outlets	A (mm)	Weight	Reference
6 (3+3)	60	0,67 kg	3353606.000
8 (4+4)	75	0,84 kg	3353608.000
10 (5+5)	90	1,02 kg	3353610.000
12 (6+6)	105	1,18 kg	3353612.000
16 (8+8)	135	1,51 kg	3353616.000

Ordering information

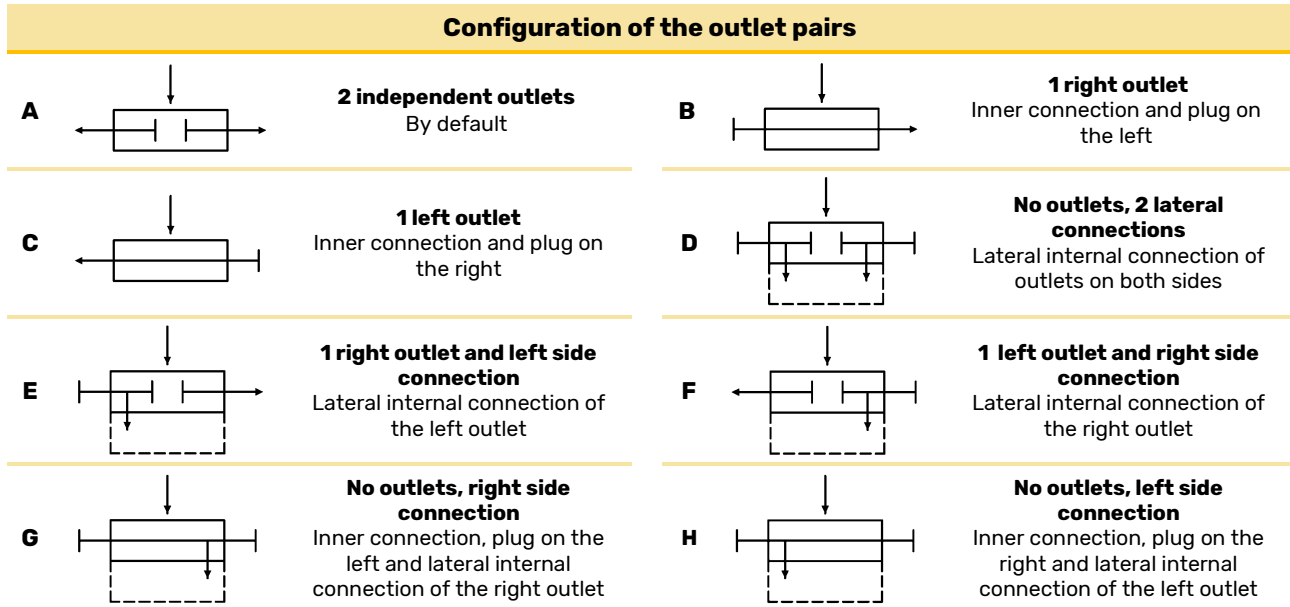
ADD CODE DEPENDING ON ASSEMBLY

	DP20-	XX	X	(-XX)
Outlets				
6 outlet (3+3)		06		
8 outlet (4+4)		08		
10 outlet (5+5)		10		
12 outlet (6+6)		12		
16 outlet (8+8)		16		
Operational control				
Without operational control			N	
With visual control			V	
With limit switch or proximity sensor control			I	
Special code (*)				
For elements outside the standard				(-XX)

(*) See section "Output configuration" for more information.

Outlet configuration

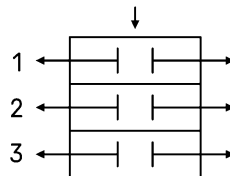
Each pair of outlets can operate differently depending on whether the outputs are blocked, have internal communication between them or have lateral (internal) communication with the next pair of outlets. By default, each outlet is independent (configuration A), for any other type of configuration it is necessary to indicate the position and the chosen configuration.



Ordering examples

When the outlets are independent (configuration A) it is not necessary to indicate it in the code, it is the default configuration for the progressives.

Progressive distributor of 6 outlets with visual control: DP20-06V



Progressive distributor of 10 outlets with visual control and non-standard outlets: DP20-10V-2C3D4E5C

