

Product description
Distributor ZP-A

APPLICATION

The major element of a progressive system is the lubricant distributor.

Distributors ZP-A are used to divide and meter lubricant in total loss central lubrication systems (oil, liquid grease and grease) and in oil recirculation systems suitable for small, medium and large machine plants.



PRODUCT CHARACTERISTICS

- Progressive distributors
- up to 24 outlets
- Electronic monitoring possible
- Metered volume variable from 0.1 cm³
- Grease, liquid grease and oil

FUNCTION

ZPA distributors consist of several individual segments (at least 3 in the standard version) that are screwed together and sealed against each other.

Depending on the arrangement within the distributor, the following segment types are available :

- Initial- or A-segment
- Medium or M-segment
- Final- or E-segment

The distributor ZP-A has the task to divide the lubricant volume (oil or grease) received under pressure into portions and to deliver them successively to the up to 24 possible outlets. This is achieved due to pistons which are moved by the lubricant being under pressure, and forcibly controlled by each other. The pistons move into their final positions, and the lubricant waiting in front of the piston is successively supplied to the lubrication points.

The distributor works as long as it is supplied with lubricant.

The distributor is equipped with integrated nonreturn valves. These nonreturn valves, which are integrated in the distributor outlets, have the advantage that the distributor works reliably even in case of small lubricant volumes and higher counterpressures involved as far as the line material is flexible. In case that a visual operational monitoring of the distributor is necessary or desired, the distributor has to be ordered with motion indicators. For the extended version with motion indicators, it is possible to provide additionally an electrical operational monitoring by means of an electronical monitoring switch.



A. DISTRIBUTOR TYPE	Code
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ZPA

B. NUMBER OF SEGMENTS	Code
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3 segments	03
4 segments	04
5 segments	05
6 segments	06
7 segments	07
8 segments	08
9 segments	09
10 segments	10
11 segments	11
12 segments	12

C. REVISION	Code
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Status A	A
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D. MONITORING	Code
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with nonreturn valve, with motion indicator	01
with nonreturn valve, with monitoring switch	02

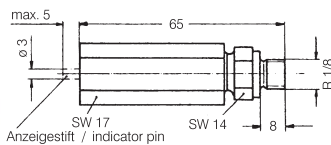
E. CODING OF THE OUTLETS	Code
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A segment	*
M segment	*
E or M segment	*

* is determined by segment selection of the price list

F. ACCESSORIES	Code
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without	00
Slot angle	01
Overpressure indicator 70 bar	02
Overpressure indicator 100 bar	03
Screw joint kit 1 (1 - 4 outlets)	04
Screw joint kit 2 (5 - 8 outlets)	05
Screw joint kit 3 (9 - 12 outlets)	06
Screw joint kit 4 (13 - 16 outlets)	07
Screw joint kit 5 (17 - 20 outlets)	08
Screw joint kit 6 (21 - 24 outlets)	09

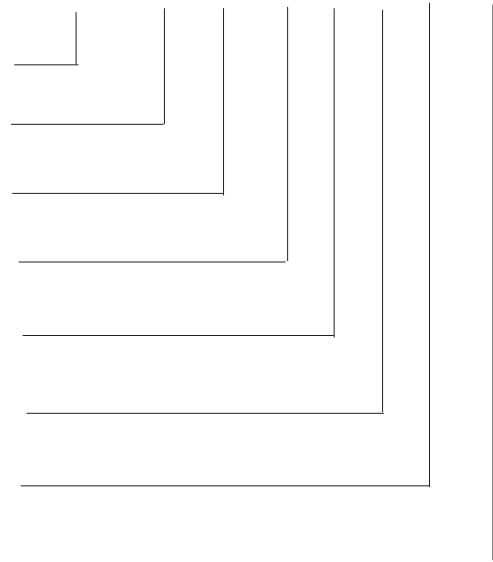


Overpressure indicator

EXAMPLE OF ORDER

Code												
Z	P	A	0	3	A	0	1	I	I	I	0	0

Distributor type ZP-A	Code: ZPA
Number of segments 3 segments	Code: 03
Revision Status A	Code: A
Monitoring with nonreturn valve, with motion indicator	Code: 01
Coding of the outlets A segment 02aa	Code: I
Coding of the outlets M segment 02aa	Code: I
Coding of the outlets E segment 02aa	Code: I
Accessories without	Code: 00



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*Für reibungslose Bewegung
 For smooth motion*

