

Product description
Distributor ZV-B

APPLICATION

The distributors ZV-B are used for dual-line central lubrication systems for grease and for oil. Their function is to meter the lubricant and to press it through the lines to the lubrication points independently of back pressure.

PRODUCT CHARACTERISTICS

- Dual-line manifold block
- Grease and oil
- up to 8 outlets
- Metered volume 0.5; 1.5 or 3.0 cm³
- Material: machining steel



DESIGN

The distributors ZV-B are block type designed, and constructed in different metering volumes. Each distributor has two threaded holes G 3/8 on each of its two faces for the optional connection of the two main lines. For the connection of the friction point lines, the distributor has two to eight threaded holes G 1/4.

The distributor does not have springs and works hydraulically, operated by the lubricant.

FUNCTION

The distributor ZV-B has one metering piston and one control piston for every two lubrication points, connected. Depending on either main line no. I or main line no. II is pressurized, where the second main line must be relieved of pressure, only that lubrication point will be served which is associated with the main line concerned. As a result, an operating cycle always includes two lubricating strokes.



A. DISTRIBUTOR TYPE

Code

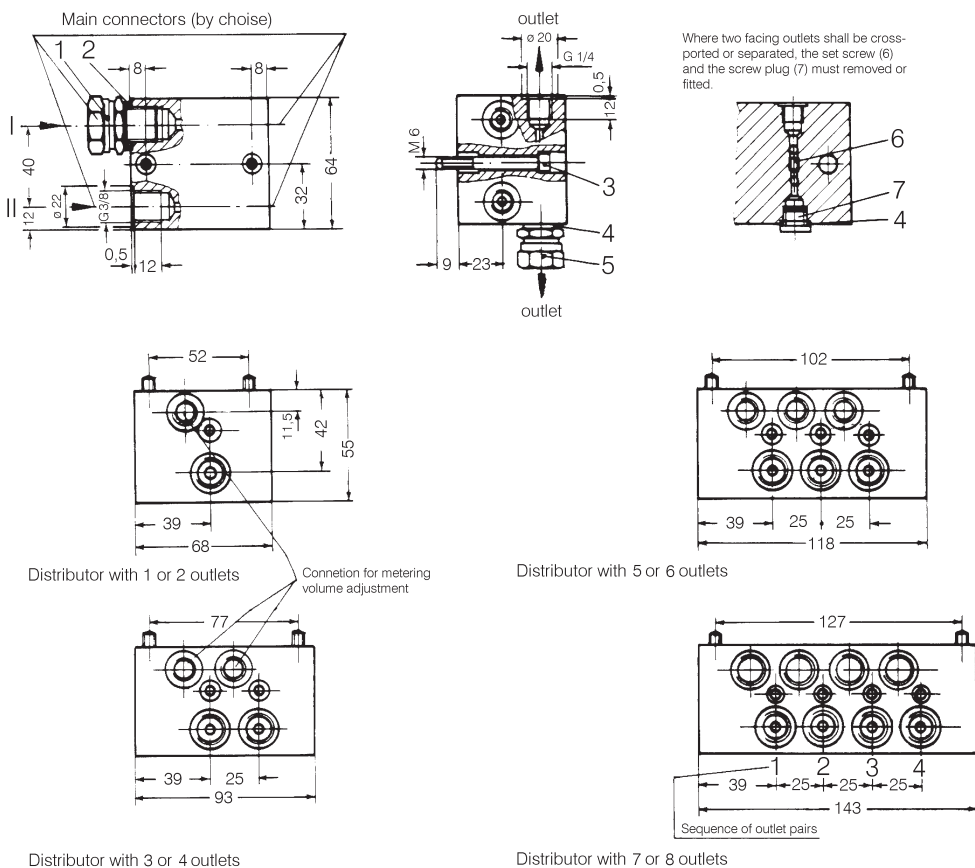
ZVB

B. NUMBER OF OUTLETS

Code

1 outlet
2 outlets
3 outlets
4 outlets
5 outlets
6 outlets
7 outlets
8 outlets

01
02
03
04
05
06
07
08



C. REVISION

Code

Status A

A

D. METERED VOLUME

Code

0.5 cm³
1.5 cm³
3.0 cm³

05
15
30

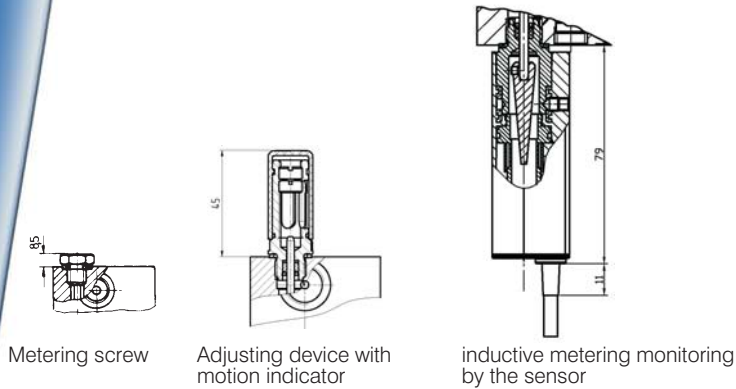


E. METERING

Code

Metering screw 1/1 for 1 and 2 outlets	20
Metering screw 1/1 for 3 and 4 outlets	21
Metering screw 1/1 for 5 and 6 outlets	22
Metering screw 1/1 for 7 and 8 outlets	01
Adjusting device with motion indicator for 1 and 2 outlets	33
Adjusting device with motion indicator for 3 and 4 outlets	34
Adjusting device with motion indicator for 5 and 6 outlets	35
Adjusting device with motion indicator for 7 and 8 outlets	32
Metering screw 1/1 & sensor for 1 and 2 outlets	*
Metering screw 1/1 & sensor for 3 and 4 outlets	*
Metering screw 1/1 & sensor for 5 and 6 outlets	*
Metering screw 1/1 & sensor for 7 and 8 outlets	*
Adjusting device with motion indicator & sensor for 1 and 2 outlets	*
Adjusting device with motion indicator & sensor for 3 and 4 outlets	*
Adjusting device with motion indicator & sensor for 5 and 6 outlets	*
Adjusting device with motion indicator & sensor for 7 and 8 outlets	*

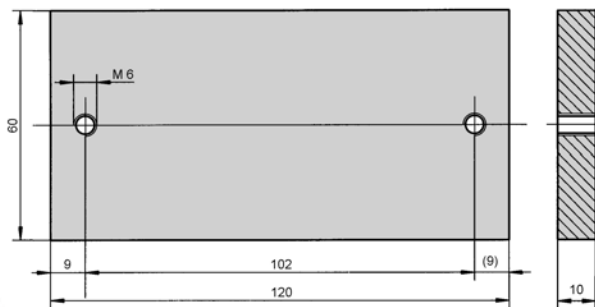
* is determined by position of sensor selection of the price list



F. ACCESSORIES

Code

without	00
Weld-on plate as per SMS standard for 1 and 2 outlets incl. fixing screws	20
Weld-on plate as per SMS standard for 3 and 4 outlets incl. fixing screws	21
Weld-on plate as per SMS standard for 5 and 6 outlets incl. fixing screws	22
Weld-on plate as per SMS standard for 7 and 8 outlets incl. fixing screws	01



Weld-on plate for 5 and 6 outlets

SPECIFICATION

Working pressure max. : _____ 400 bar
 Actuating pressure min.: _____ 10 bar
 Metered volume : _____ 0.5; 1.5 or 3.0 cm³
 Actuating volume : _____ 0.3 cm³
 Number of outlets : _____ 1 up to 8
 Temperature range (Distributor with electrical monitoring) : _____ - 20° C up to + 70° C
 Temperature range (Distributor without electrical monitoring incl. protection cap) : _____ - 20° C up to + 120° C
 Suitable lubricants on mineral oil basis:
 Grease lubricants _____ NLGI class 3 DIN 51818
 Oil _____ ISO VG 68 to 1500 (DIN 51519) as service viscosity 190 mm²/s
 Synthetic lubricants : _____ on request

Specifications for inductive sensor see data sheet: 66925S001_2006_1_D-GB.

EXAMPLE OF ORDER

		Code											
		Z	V	B	0	3	A	0	5	2	1	0	0
Distributor type ZV-B	Code: ZVB												
Number of outlets 3 outlets	Code: 03												
Revision Status A	Code: A												
Metered volume 0.5 cm ³	Code: 05												
Metering Metering screw 1/1 for 3 and 4 outlets	Code: 21												
Accessories without	Code: 00												

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Für reibungslose Bewegung
For smooth motion

