

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.



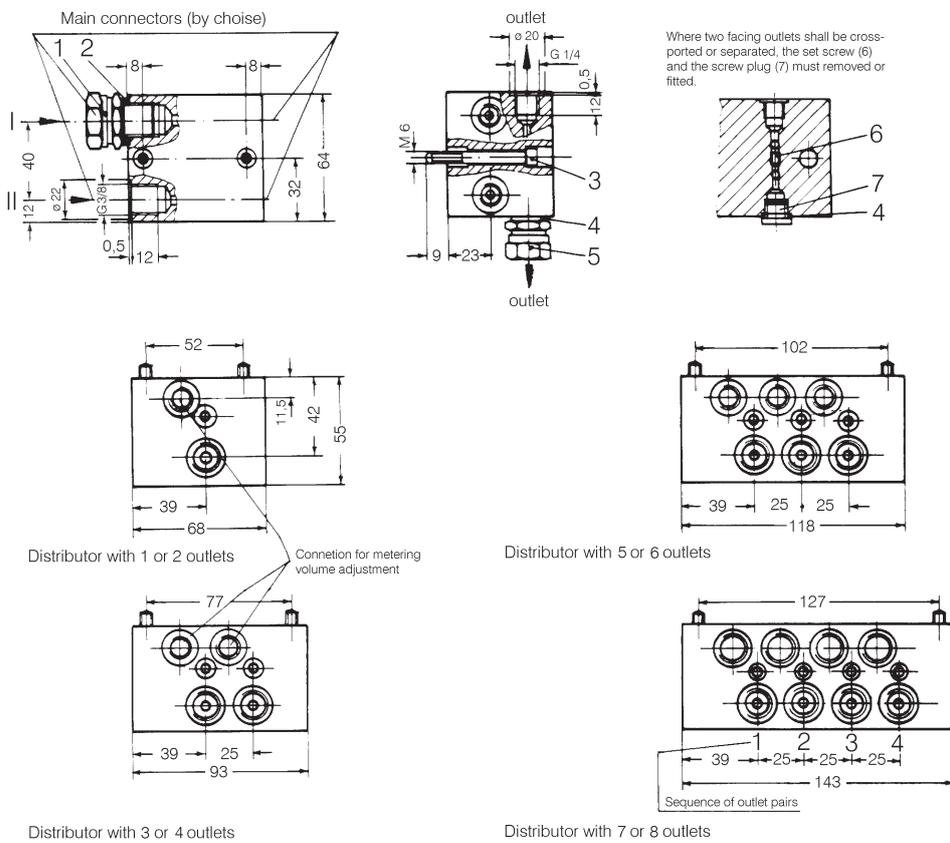
A. DISTRIBUTOR TYPE	Code
----------------------------	-------------

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
--------------------------	-------------

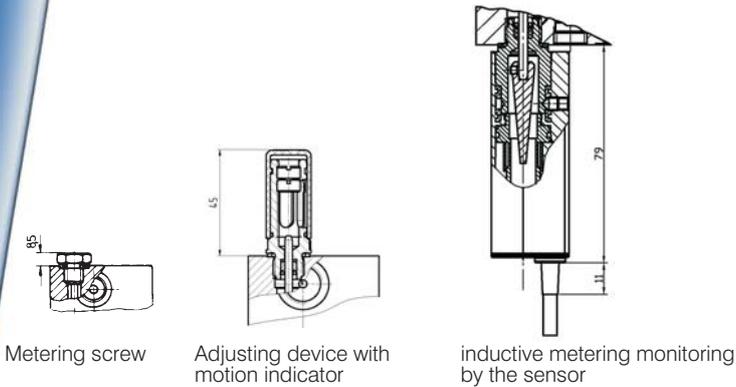
- 0.5 cm³
- 1.5 cm³
- 3.0 cm³

- 05
- 15
- 30

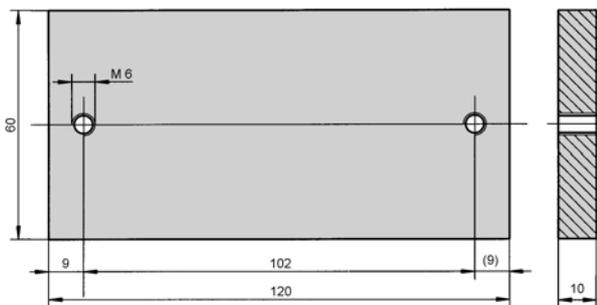


E. METERING	Code
Metering screw 1/1 for 1 and 2 outlets	20
Metering screw 1/1 for 3 and 4 outlets	21
Metering screw 1/1 for 5 and 6 outlets	22
Metering screw 1/1 for 7 and 8 outlets	01
Adjusting device with motion indicator for 1 and 2 outlets	33
Adjusting device with motion indicator for 3 and 4 outlets	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 : _____ - 20 °C up to + 80 °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 mm²s
 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	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

DELIMON
Headquarter
 Arminstraße 15
 D-40227 Düsseldorf
 PO Box 10 20 52
 D-40011 Düsseldorf
 Phone: +49 211 7774 0
 Fax: +49 211 7774 210
 info@delimon.de
 www.delimon.de

DELIMON
Office & Plant Beierfeld
 Am Bockwald 4
 D-08344 Grünhain-Beierfeld

DELIMON
Office Austria
 Schloßhofer Str. 4-6
 Stiege 4, Top 20
 A-1210 Vienna
 Phone: +43 1 585 66 17
 Fax: +43 1 585 66 17 50
 info@delimon.at
 www.delimon.at

LUBRIMONSA
Spain
 Avda. Txori-Erri 38
 48150 Sondica - (Vizcaya)
 Teléfono: +34 94 453 20 00
 Fax: +34 94 453 25 00
 sales@lubrimonsa.es

DELIMON-Denco Lubrication
DELIMON-Cooling
United Kingdom
 Ramsden Court, Ramsden Road
 Rotherwas Industrial Estate
 Hereford, HR2 6LR
 Phone: +44 (0) 1432 365 000
 Fax: +44 (0) 1432 365 001
 info@delimon.co.uk
 www.delimon.co.uk

BIJUR Products, Inc.
France
 BP 50
 ZI de Courtabœuf
 5, Avenue de l'Atlantique
 91942 Les Ulis Cedex
 Tél.: +33 1 692 985 85
 Fax: +33 1 690 776 27
 bijur@bijur.fr

*Für reibungslose Bewegung
 For smooth motion*

