Distributor
VOE-B
165.160

Application:
In OL® single-line lubrication systems

Technical Data:

Operating pressure air	
max.:	10 [bar]
min.:	outlet pressure + 1 [bar]
Operating pressure oil	
max.:	45 [bar]
min.:	outlet pressure + 20 [bar]
Relief pressure oil:	< 1,2 [bar]
Lubricant:	mineral oil
Viscosity:	up to 3000 [mm²/s]
Temperature range at seal material	
Perbunan:	−20 ÷ +80 [°C]
Viton:	−20 ÷ +160 [°C]

Type	Number of outlets	Dimensions [mm] A	B	Weight [kg]
VOE - B	2	50	36	0,4
VOE - B	4	86	72	0,7
VOE - B	6	122	108	1,0
VOE - B	8	158	144	1,4
VOE - B	10	194	180	1,7

Instruction to Dimensional Drawing:

Pos.
1 = Distributor housing
2 = Metering element
3 = Outlet G ⅛
4 = Oil connection G ¼
5 = Delivery connection G ¼
6 = Air regulator screw
7 = Screw plug
(only type:
main line connection one-end)

Operating Principle:
The amount of lubricant supplied by the metering elements is separately fed to the individual outlet ports. Each outlet port is provided with an air regulator screw which permits setting of the required air flow. To outlet ports which are not required blind-elements (DEB-D/O/V) can be fitted. The outlet port must be closed with a plug TL-8-090 WN 147.
Scheme of function metering element on the back.

- Änderungen vorbehalten -

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Ordering Example:
Distributor VOE-B with 4 outlets, main line connections one-end and metered quantity 22 [mm³]
57 [mm³]
110 [mm³]
230 [mm³]

Seal material:
Metering element = Perbunan

Order designation: Distributor
VOE-B/4/2-2/4/5/7/P

Order designation: Metering element
DEB-D/5/P (metered quantity 110 mm³)

Order designation: Blindelement
DEB-D/O/P

Accessory:
Protective stopper TL-8-090 WN 147
Order No. 914.700-04

Scheme of Function:

Main line Lubricating point line

Inoperative position. No supply of lubricant in the main line.

Supply of lubricant and pressure build up in the main line. The metered quantity of lubricant is forced to the lubricating point line.

Pressure relief in the main line. The lubricant in the metering elements is shifted.

Spare Parts:

Pos.	Designation	Order No.
1	Countersunk screw	917.300-02
2	Clamp	160.207-45
3	Metering element DEB-D/../ including pos. 15	see order designation
4	Blindelement DEB-D/O/ including pos. 15	see order designation
5	Closing cap	160.252-45
6	Block 2place 4place 6place 8place 10place	165.051-25 165.061-25 165.062-25 165.063-15 165.064-15
7	Adjustable screw including pos. 8	165.337-65
8	O-ring 4,47 × 1,78	915.200-33
9	Valve	915.400-20
10	Pressure spring	911.200-05
11	Check valve complete	165.085-65
12	Screw plug R 1/8" complete	179.015-65
13	Screw plug R 1/4" complete	500.018-65
14	Vent screw complete	165.167-64
15	O-ring 2,5 × 1,2 Perbunan Viton	 915.200-09 915.200-10