

Technical description

The UXZ dual line distributors are built in a variable disk-design. This has the advantage that the distributor, depending on the number of lube points, can be extended or shortened. Because of the disk construction individual middle elements (metering elements) with different metering volumes can be trimmed to a complete dual line distributor.

All piston strokes can be monitored by the installation of a proximity switch at the last middle element.

The different metering volume per piston stroke is effected by different piston diameter.

In contrast to progressive distributors, a dual line distributor UXZ can also operate with only one piston, i.e. one metering element.

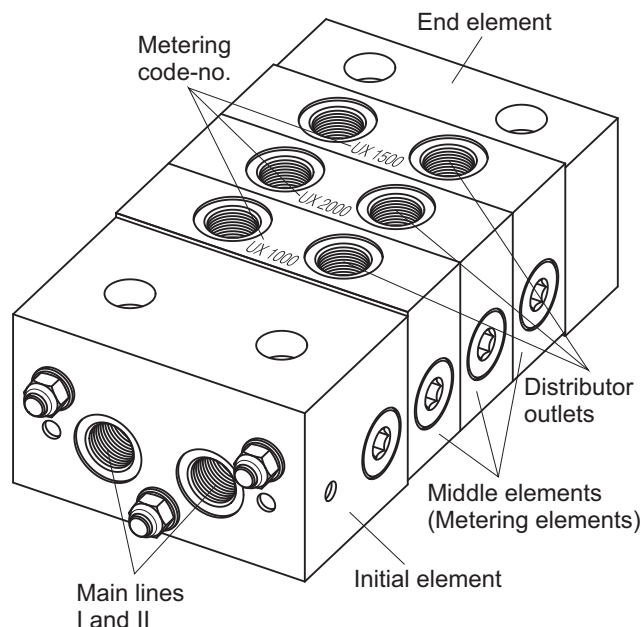
Technical data

Operating pressure - inlet:	max. 150 bar
Temperature range:	-30 °C to 80 °C
Metering lubricant:	oil - fluid grease - grease up to NLGI-cl. 2
Volume flow range (oil):	50 - 6000 cm ³ /min
Viscosity range:	≥50 mm ² /s
Control volume:	1300 mm ³ /stroke and outlet
Material:	steel, galvanized
Number of elements:	
Max. 10 Metering elements UXZ 10/20	

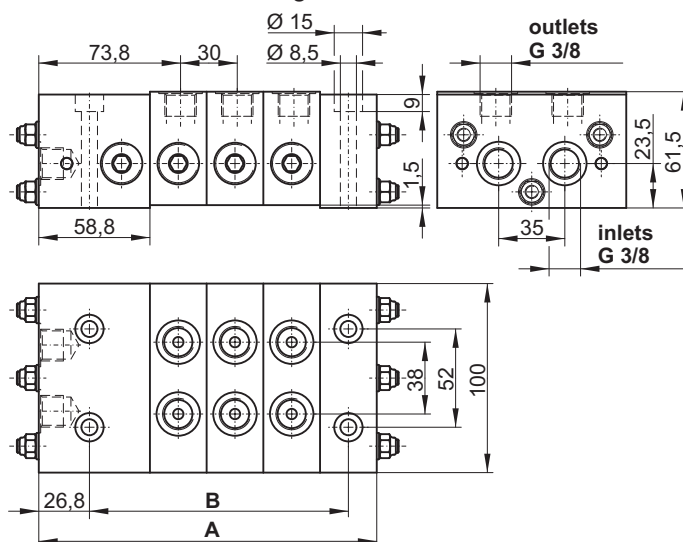
Table of dosage volume:

Designation middle element	Metering volume (mm ³ /stroke)		Code
	p. outlet	p. element	
UX 1000	1130	2260	1000
UX 1500	1540	3080	1500
UX 2000	2000	4000	2000

Dual line distributor UXZ with three metering elements and six outlets:



Dimensional drawing:



No. of middle elements	No. of outlets (max.)	Dim. "A" (mm)	Dim. "B" (mm)
1	2	118,8	77
2	4	148,8	107
3	6	178,8	137
4	8	208,8	167
5	10	238,8	197
6	12	268,8	227
7	14	298,8	257
8	16	328,8	287
9	18	358,8	317
10	20	388,8	347

Subject to alterations!

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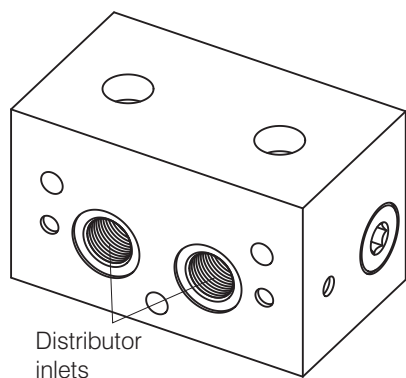
Elements

UXZ dual line distributors always consist of one initial element (with control piston), between one and ten middle elements (with metering piston) and one end element (without piston).

All elements are delivered without fittings at the distributor inlet and outlet, as a standard. The connecting thread at the inlets (initial element) as well as at the outlets (middle elements) is G 3/8.

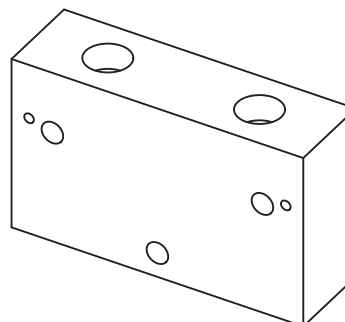
Initial element UXZ

Order-no.: 4006 97 0000



End element UXZ

Order-no.: 4006 99 000



All pipe fittings with a suitable connecting thread and suitable nominal pressure can be screwed into the initial element's distributor inlets as well as into the middle element's outlets (see "Fittings and accessories").

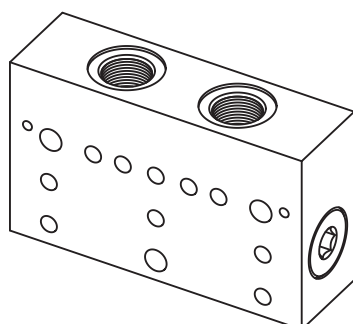
Middle element (Metering element) UX

Middle elements are available with three different metering volumes.

Each middle element has two outlets.

Table of order-no. for middle elements:

Middle element	Order-no.
UX 1000	4005981000
UX 1500	4005981500
UX 2000	4005982000



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