

Technical description

Progressive distributors SXE-3 are built in a variable disk construction. Therefore the distributor can optionally be arranged, depending on the number of lubrication points and their lubricant need.

The progressive distributor SXE-3 consists of distributor disks. Each of these disks consists of a basic element (without piston) and a metering (with piston), respectively a dummy element (without piston). Basic elements are divided into initial-, middle- and end elements. All basic elements have two outlets on the side.

Because of the variable system the individual outlets' metering volume as well as the number of outlets can be changed.

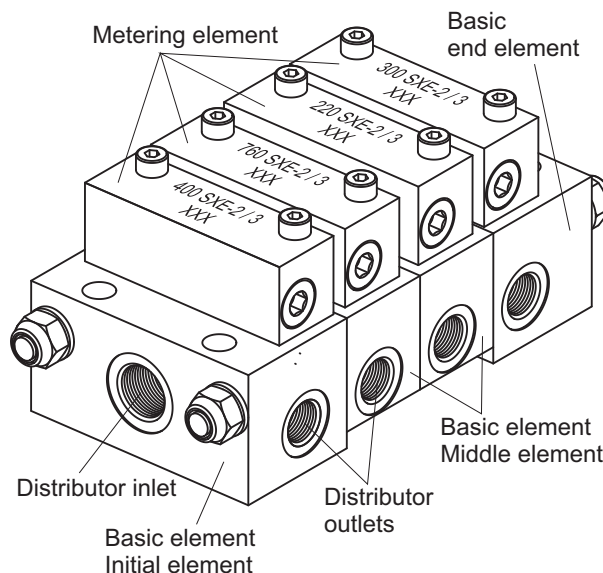
The different metering volume per stroke is effected by different piston diameter of the metering elements.

For reducing the number of distributor outlets of an existing progressive distributor SXE-3, a dummy element is available or a basic element with metering element can be removed.

In order to enlarge the distributor, an additional basic element with metering element can be inserted.

A progressive distributor needs at least three metering elements (piston elements).

Progressive distributor SXE-3 with four distributor disks and eight outlets:



Technical data

Operating pressure - inlet : max. 300 bar
 Temperature range: -35 °C to 80 °C
 Lubricant: oil - fluid grease - grease up to NLGI-cl. 2
 No. of revolutions: max. 180 rev./min
 Material: steel, galvanized
 stainless model possible on enquiry

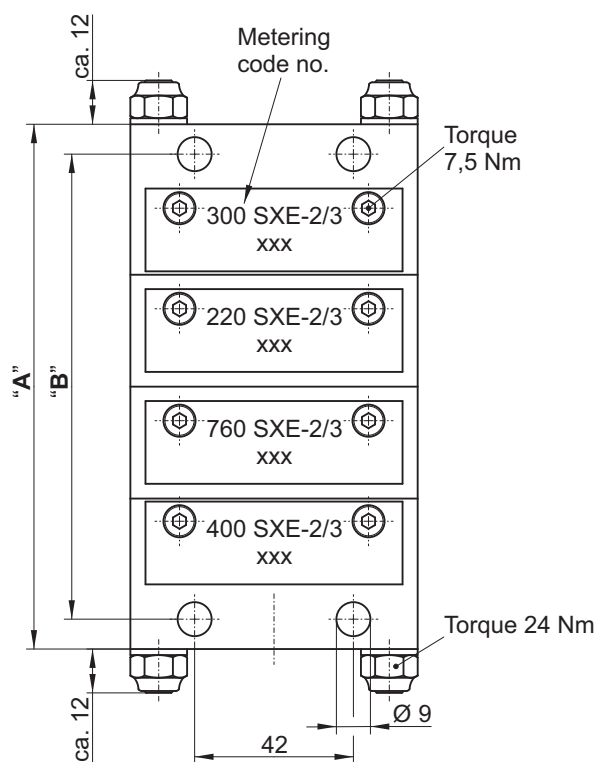
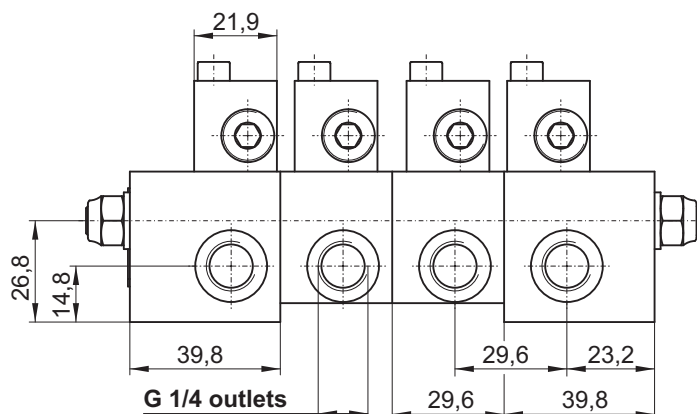
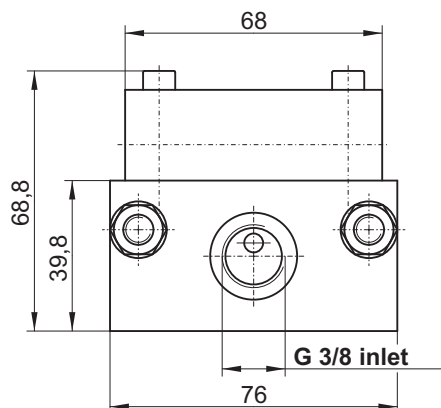
Number of elements:

Min. 3 metering elements: SXE-2/3 3/6
 Max. 10 metering elements: SXE-2/3 10/20

Tabelle Metering volume:

Designation metering element	Metering volume (mm ³ /stroke)		Code no.
	p. outlet	p. element	
000 SXE-2/3 (= dummy elem.)	-	-	000
100 SXE-2/3	100	200	100
150 SXE-2/3	150	300	150
220 SXE-2/3	220	440	220
300 SXE-2/3	300	600	300
400 SXE-2/3	400	800	400
500 SXE-2/3	500	1000	500
620 SXE-2/3	620	1240	620
760 SXE-2/3	760	1520	760

Dimensional drawing:



No. of metering elements	3	4	5	6	7	8	9	10
No. of outlets (max.)	6	8	10	12	14	16	18	20
Dim. "A" (mm)	109,2	138,8	168,4	198,0	227,6	257,2	286,8	316,4
Dim. "B" (mm)	93,4	123,0	152,6	182,2	211,8	241,4	271,0	300,6