

Technical description

The progressive distributors SXD are built in a variable disk construction. Therefore the distributor can be arranged optionally, depending on the number of lubrication points and their lubricant need.

The progressive distributor SXD consists of an initial element, between two and nine middle elements and one end element. Metering elements, respectively dummy elements are fixed on the middle elements and the end element. On the bottom of each middle- or end element are two outlets.

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

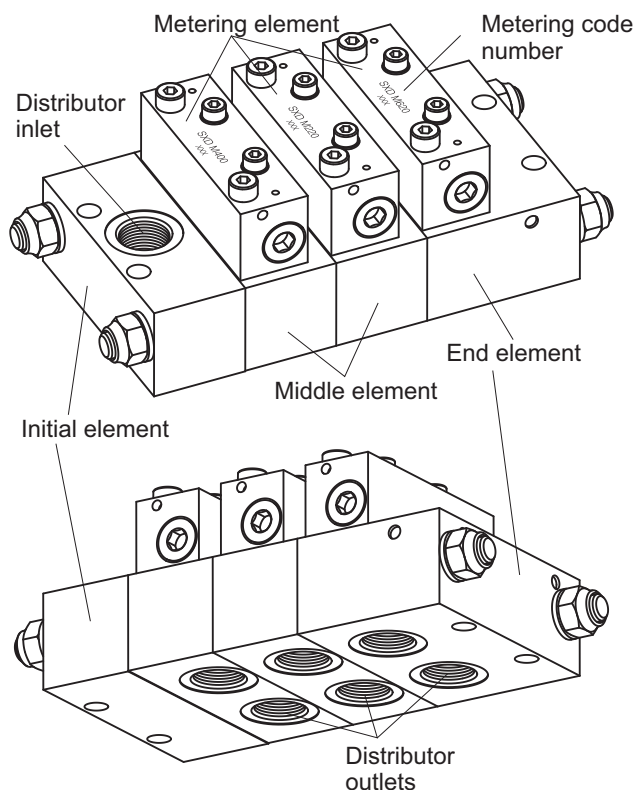
The different metering volume per stroke is effected by different piston diameters of the metering elements.

For reducing the number of distributor outlets of an existing distributor SXD, a dummy element is available or a middle element with metering element can be removed.

To enlarge a distributor, an additional middle element with metering element can be inserted.

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

Progressive distributor SXD with three metering elements and six outlets:



Technical data

Operating pressure - inlet: max. 200 bar
 Temperature range: -20 °C to 80 °C
 Delivery medium: oil - fluid grease - grease up to NLGI-cl. 2
 No. of revolutions: max. 180 rev/min
 Material: steel, galvanized

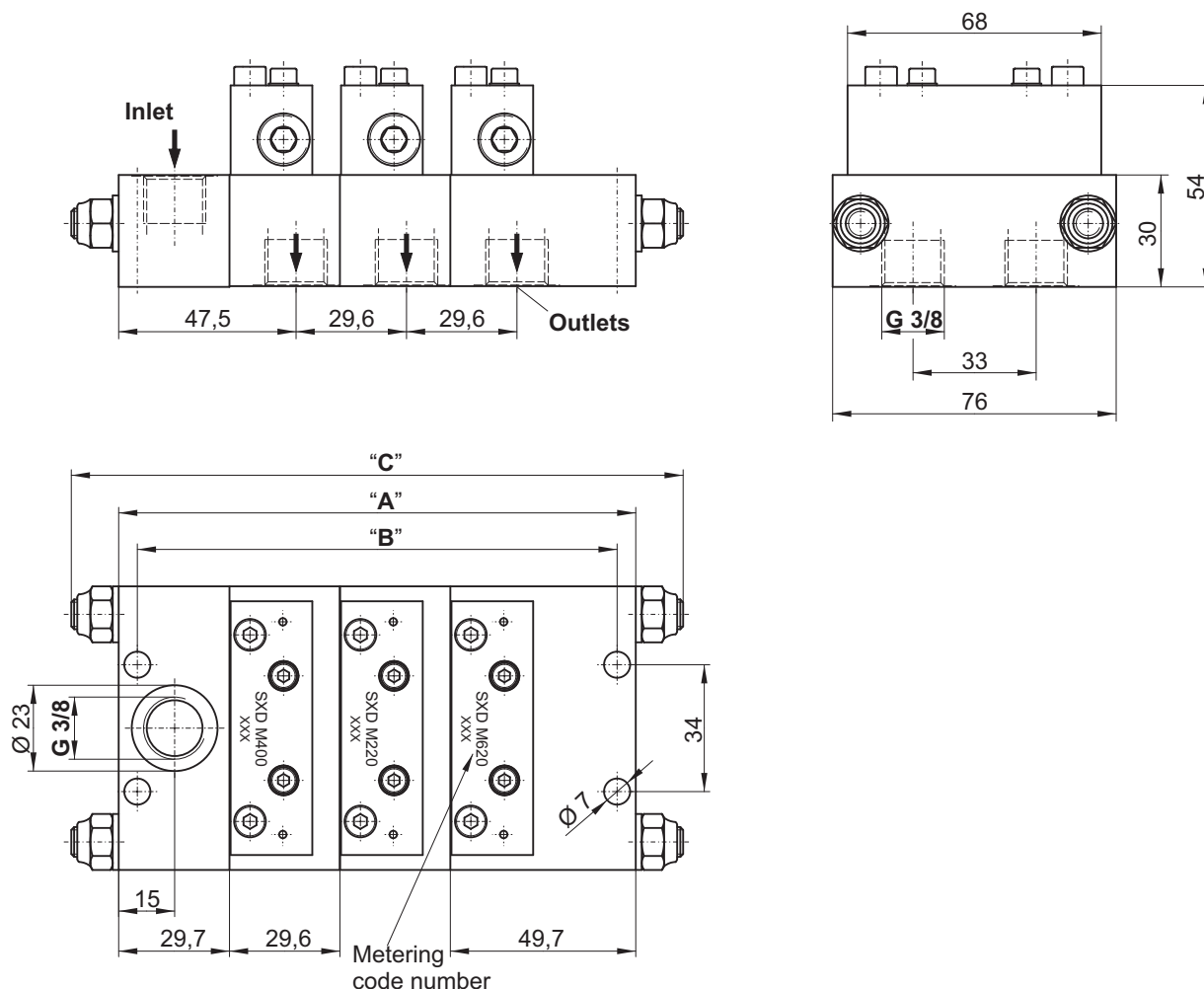
Number of elements:

Min. 3 metering elements: SXD 3/6
 Max. 10 metering elements: SXD 10/20

Tabelle metering volume:

Designation metering element	Metering volume (mm ³ /stroke)		Code no.
	p. outlet	p. element	
SXD M000 (= dummy elem.)	-	-	000
SXD M100	100	200	100
SXD M150	150	300	150
SXD M220	220	440	220
SXD M300	300	600	300
SXD M400	400	800	400
SXD M500	500	1000	500
SXD M620	620	1240	620
SXD M760	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)	138,6	168,2	197,8	227,4	257	286,6	316,2	345,8
Dim. "B" (mm)	128,6	158,2	187,8	217,4	247	276,6	306,2	335,8
Dim. "C" (mm)	166	194	223	253	284	312	342	371

Subject to alterations!

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