

Technical description

Progressive distributors MX-I are built in a variable disk construction. Therefore the distributor can be, depending on the number of lubrication points, extended or shortened. Due to the disk construction there is the possibility to join individual middle elements (metering elements) with different metering volumes together to one complete progressive distributor.

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

A progressive distributor needs at least three pistons i. e. at least three middle elements (metering elements)

Technical data

Operating pressure inlet: max. 300 bar

Temperature range: -30 °C to 80 °C

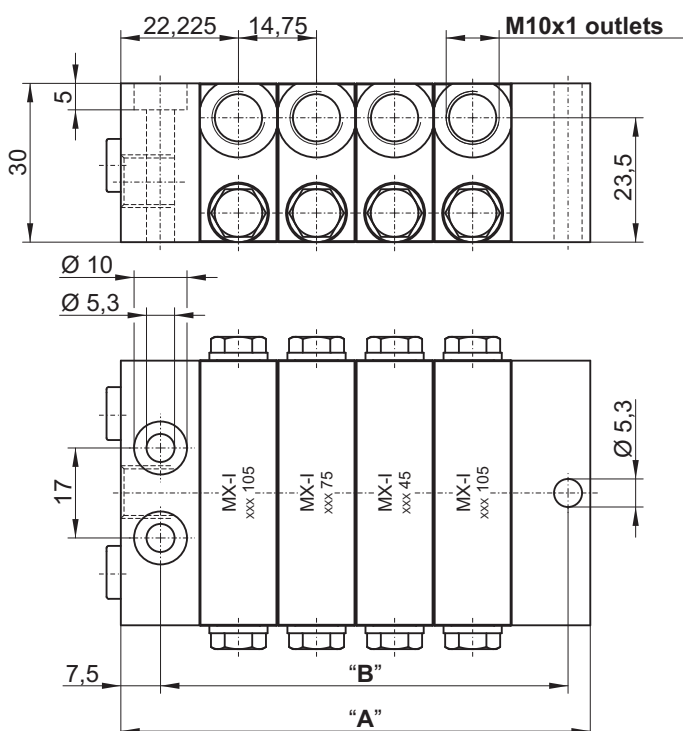
Lubricant: oil - fluid grease - grease
up to NLGI-cl. 2

No. of revolutions: max. 60 revolutions/min

Material: V4A(1.4404)

No. of middle elements:
min. 3 middle elements: MX-I 3/6
max. 8 middle elements: MX-I 8/16

Dimensional drawing:



Progressive distributor MX-I with four middle elements and eight outlets:

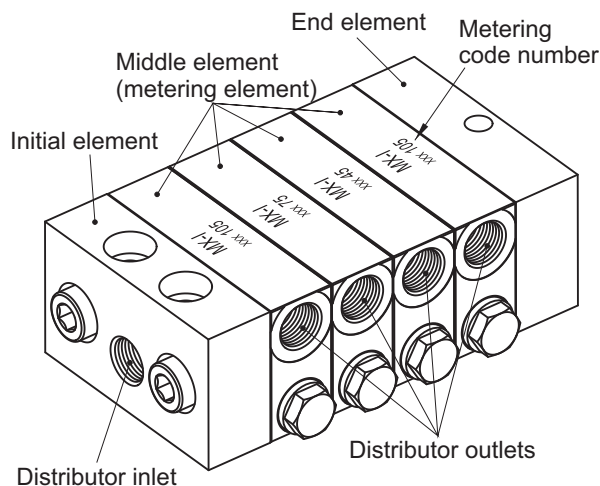
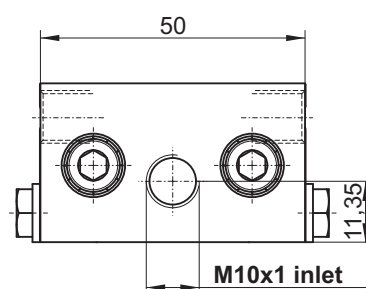


Table of metering volume:

Designation middle element	Metering volume (mm ³ /stroke)		Code no.
	p. outlet	p. element	
MX-I 45	45	90	45
MX-I 75	75	150	75
MX-I 105	105	210	105



No. of middle element	No. of outlets (max.)	Dim. "A" (mm)	Dim. "B" (mm)
3	6	73,95	62,25
4	8	88,70	77,00
5	10	103,45	91,75
6	12	118,20	106,50
7	14	132,95	121,25
8	16	147,70	136,00