

Technical description

The LX-4 progressive distributors are designed in a variable disk construction with the advantage that the distributor can be extended or shortened, depending on the number of lubrication points. The disk construction offers the possibility to make up a complete progressive distributor of individual elements (initial-, middle- and end elements) which have different dosage volumes.

Those different dosage volumes per piston stroke are realized by different piston diameter.

For ist perfect function, a progressive distributor requires at least three pistons, i.e. one initial and one end element and at least one middle element.

Technical data

Operating pressure at inlet: max. 300 bar

Temperature range: -30 °C to 80 °C

Medium: oil - fluid grease - grease
up to NLGI class 2

Revolutions: max. 180 r.p.m.

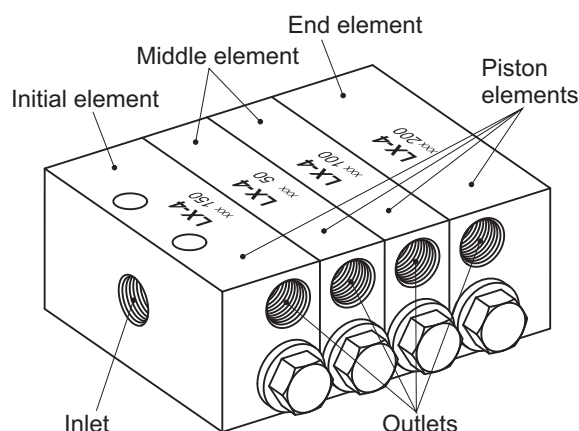
Material: steel,
Zinc-Nickel-coating acc. to DIN 50979

No. of piston elements:
min. 3 piston elements: LX-4 3/6
max. 10 piston elements: LX-4 10/20

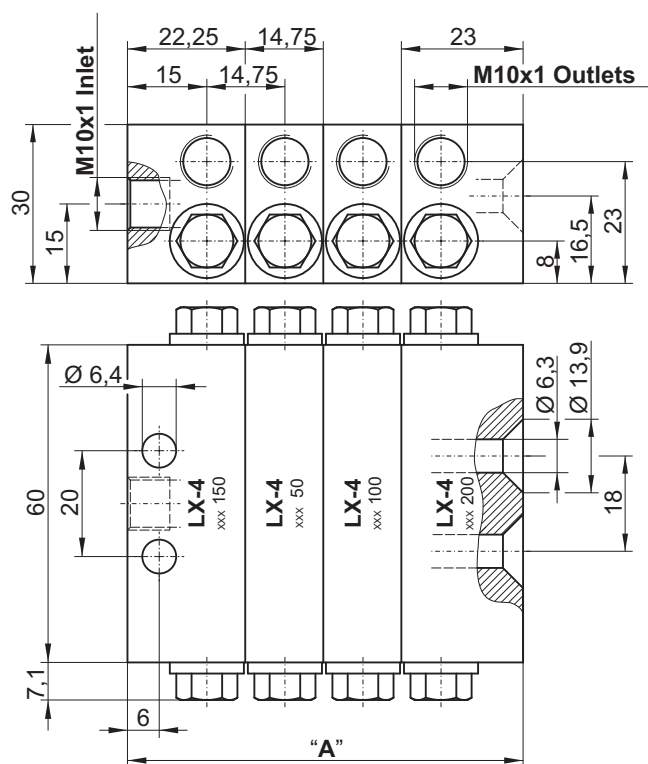
Table of dosage volumes:

Name of piston element	Dosage volume (mm ³ /Hub)		Code no.
	per outlet	p. element	
LX-4 50	50	100	50
LX-4 100	100	200	100
LX-4 150	150	300	150
LX-4 200	200	400	200

LX-4 progressive distributor with four piston elements and eight outlets:



Dimensional drawing:



No. of piston elements	Max. number of outlets	Dim. "A" (mm)
3	6	60,00
4	8	74,75
5	10	89,50
6	12	104,25
7	14	119,00
8	16	133,75
9	18	148,50
10	20	163,25