

U-Shaped Integrated Progressive Distributor

U-4R ... U-12R · U-4M ... U-12M

One-piece progressive valve for 4 to 12 points at 0.3 ml per cycle each, rated 15 MPa — no blocks to assemble and no joints to leak.

	POINTS 4 · 6 · 8 · 10 · 12	STANDARD DISCHARGE 0.3 ml / cyc
	MAX NOMINAL PRESSURE 15 MPa	GREASE NLGI 000# - 1#

HOW IT WORKS

Each trunk piston set delivers its fixed volume to a point using the hydraulic pressure produced by the progressive action of the set before it, so the points are fed strictly in sequence and every point is proved by the fact that the next one gets fed.

Supply the valve with lubricant at pressure and the sequence runs continuously; stop the supply and every piston set stops where it is, resuming from that same point when pressure returns.

Because the body is integrated rather than assembled from separate blocks, there are no inter-block joints to leak and no cumulative assembly dimension to verify before machining a mounting. R models have no cycling feedback switch; M models carry one, so the controller or PLC can confirm the valve is actually cycling rather than merely being fed.

SPECIFICATION

Type	Integrated single-body progressive distributor
Number of lube points	4 · 6 · 8 · 10 · 12
Standard discharge	0.3 ml per cycle, per point
Max nominal pressure	15 MPa
Grease used	NLGI 000# - 1#
Ambient temperature	-20 °C to +80 °C
Max cycle rate	200 cyc/min · 60 cyc/min with feedback switch
Preferred output pipe	Ø4 mm, 0.5 - 2.5 m · Ø6 mm, 1.2 - 3.5 m

MODEL SELECTION

MODEL	POINTS	DISCHARGE PER POINT	FEEDBACK SWITCH
U-4R / U-4M	4	0.3 ml/cyc	No / Yes
U-6R / U-6M	6	0.3 ml/cyc	No / Yes
U-8R / U-8M	8	0.3 ml/cyc	No / Yes
U-10R / U-10M	10	0.3 ml/cyc	No / Yes
U-12R / U-12M	12	0.3 ml/cyc	No / Yes

The number in the model code is the outlet count, not the dose — dose is fixed at 0.3 ml per cycle on every model.

GUIDE TO ORDER

U-4M

U-shaped integrated progressive distributor · four outlets · with cycling feedback switch.

1	Type	U = U-shaped integrated progressive distributor
2	Outlet count	4 · 6 · 8 · 10 · 12
3	Feedback switch	R = without · M = with cycling feedback switch

DIMENSIONS

The integrated body carries no cumulative assembly dimension, but we hold no dimensioned drawing for it — ask us before machining a mounting.

APPLICATIONS

Mobile and engineering machinery
Compact circuits with a fixed point count
Secondary distributors on a progressive master
PLC-monitored progressive grease systems

SYSTEM PAIRING

ZJ or NKGH pump
PJ pump without pressure relief
AP pump without take-off device
Ø4 / Ø6 output pipe

CHECK BEFORE ORDERING

The dose is fixed at 0.3 ml per point. Where points need different doses, use an SD block assembly instead.

Progressive means sequential — one blocked point stops the whole valve. That is the design intent: fit the safety valve at the pump and watch it.

ORDER THIS PART	EMAIL & WEB	WARRANTY
+91 73976 31796 WhatsApp the model code.	mail@amagcnc.com amagcnc.com	One year against manufacturing defect from date of invoice.

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Specifications are the manufacturer's and are subject to change without notice. AMAG-DS-U-01 · Rev A · August 2026.