

RH-3 Inspecting Volume Type Distributor

RH-32XX • RH-33XX • RH-34XX • RH-35XX

Two to five outlets, each metering its own dose between 0.03 and 0.4 ml per cycle, with a mechanical signal pin per outlet that proves the cycle by eye.

	OUTLETS 2 • 3 • 4 • 5	DOSE PER OUTLET 0.03 – 0.4 ml
	ACTION PRESSURE Oil 12-15 • grease 20-50 kgf/cm²	VISCOSITY 20 – 500 cst

HOW IT WORKS

Oil injected via main tube A pushes open the umbrella-shaped double-sided valve B and is pressed into piston chamber F through path C. Driven by the pressed oil the measuring piston moves downward, spring G compresses and accumulates pressure, and metering is complete.

When pressure in main tube A is relieved, the umbrella-shaped valve moves downward under the pressure difference and opens outlet E. The measured oil in the piston chamber enters branch tube H via E and reaches the lube point. Signal pin I extends while metering and retracts on delivery, so operating conditions can be confirmed without instruments.

At low dose settings the oil chamber uses a trunk-piston structure. Blocks can be built beyond five outlets — six, seven and above — to order.

SPECIFICATION

Type	Inspecting volume type distributor
Number of outlets	2 • 3 • 4 • 5, extendable to order
Common discharge capacity	0.03 • 0.06 • 0.1 • 0.2 • 0.3 • 0.4 ml per outlet, per cycle
Action guarantee pressure	Oil 12 – 15 kgf/cm² • grease 20 – 50 kgf/cm²
Recommended lubricant	Oil 20 – 500 cst • grease NLGI 00# / 000#
Confirmation	Mechanical signal pin per outlet
Grease builds	G = low pressure grease • GH = high pressure grease

MODEL SELECTION

MODEL	OUTLETS	OVERALL WIDTH	FIXING
RH-32XX	2	54 mm	See dimension drawing
RH-33XX	3	70 mm	M10×1 / M8×1 ports
RH-34XX	4	86 mm	See dimension drawing
RH-35XX	5	102 mm	2 × Ø6.5

Models carrying G or GH are grease distributors. G is the low pressure build, GH the high pressure build.

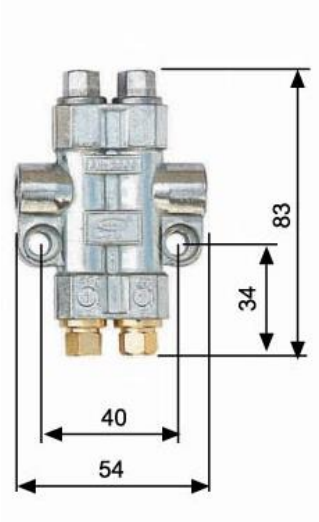
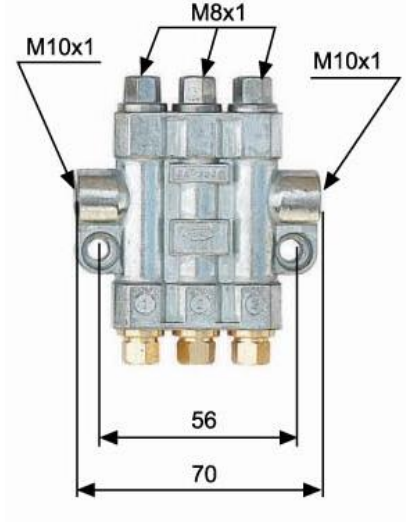
GUIDE TO ORDER

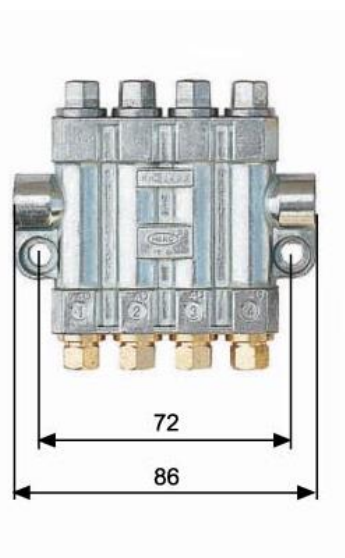
RH-3510

RH-3 type, five outlets, 0.1 ml per cycle at every outlet. Leaving positions 4 to 7 blank is what makes every outlet the same — the build we stock.

1	Series	RH-3
2	Number of outlets	2 · 3 · 4 · 5
3	Discharge capacity, 1st outlet	03 = 0.03 ml · 06 = 0.06 · 10 = 0.1 · 20 = 0.2 · 30 = 0.3 · 40 = 0.4 ml/time
4	Discharge capacity, 2nd outlet	Blank = same capacity as the 1st outlet
5	Discharge capacity, 3rd outlet	Blank = 2-outlet block, or all outlets the same
6	Discharge capacity, 4th outlet	Blank = 2- or 3-outlet block, or all outlets the same
7	Discharge capacity, 5th outlet	Blank = 2- or 3-outlet block, or all outlets the same
8	Lubricant build	Blank = oil · G = low pressure grease · GH = high pressure grease

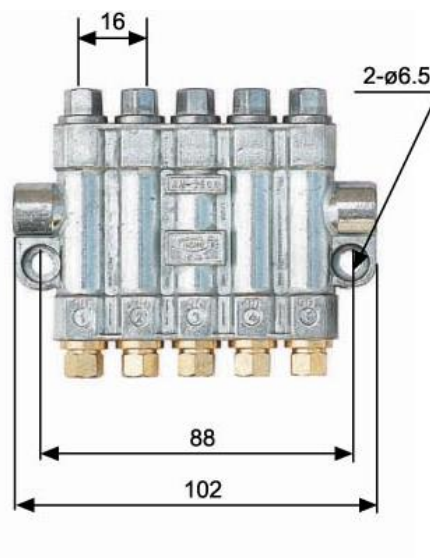
DIMENSIONS

 RH-32❖❖	 RH-33❖❖
RH-32XX – two outlets	RH-33XX – three outlets, port threads M10×1 / M8×1



RH-34※※

RH-34XX – four outlets

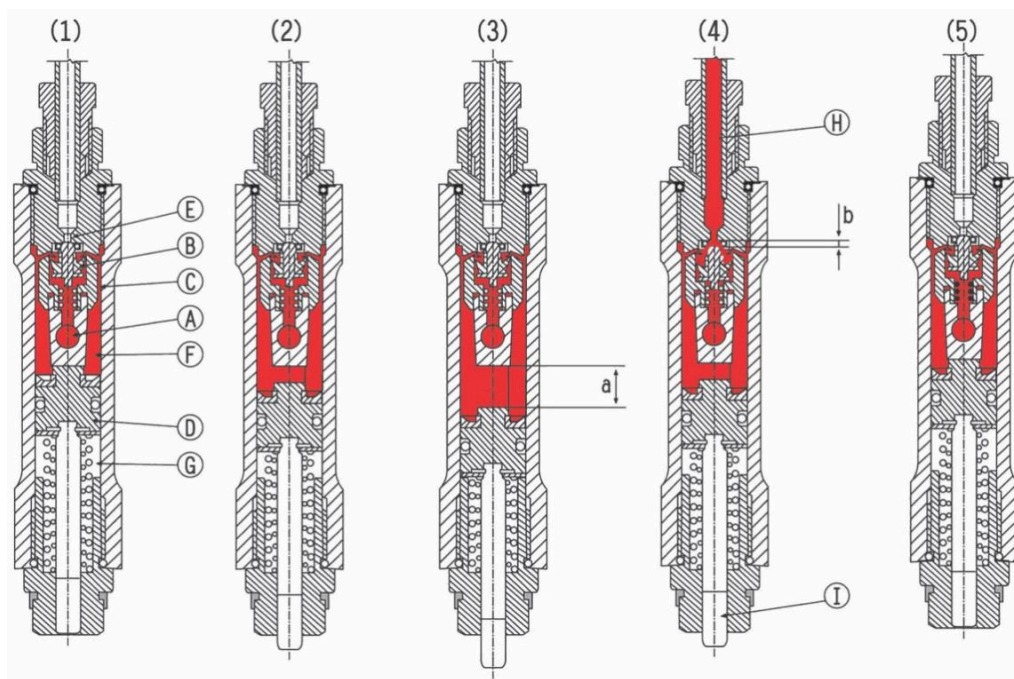


RH-35※※

RH-35XX – five outlets, fixing 2 × Ø6.5

Dimensions in millimetres. Confirm critical dimensions with us before machining a mounting.

OPERATING PRINCIPLE



Operating principle – interval, metering, discharge

APPLICATIONS

Printing machines
Packing machines
Machine tools
General machine equipment

SYSTEM PAIRING

TZ or HL pump with pressure take-off mechanism
Ø4 / Ø6 nylon or copper branch tube
PA / PB / PT branch fittings

CHECK BEFORE ORDERING

We stock blocks with the same discharge capacity at every outlet. A block with a different dose per outlet is a special order — ask before quoting one.

The pump must have a pressure take-off mechanism. Without pressure relief the piston never returns and no dose is delivered.

List doses in outlet order. A single dose code means every outlet is the same — it is not shorthand for the first outlet.

ORDER THIS PART

+91 73976 31796

WhatsApp the model code.

EMAIL & WEB

mail@amagcnc.com

amagcnc.com

WARRANTY

One year against manufacturing defect from date of invoice.

AMAG CNC Technology · No 604C, MTH Road, Mannurpet, Chennai, Tamil Nadu 600 050, India
Specifications are the manufacturer's and are subject to change without notice. AMAG-DS-RH3-01 · Rev A · August 2026.