

TK Adjustable Resist-Type Proportion Distributor

TK-2-8 ... TK-10-8

Two to ten outlets, each carrying an adjustable needle set on site — the distributor to specify when the dose per point is not settled yet.

	OUTLETS 2 – 10	SYSTEM PRESSURE 1.5 – 20 kgf/cm ²
	ADJUSTMENT Per outlet, on site	BLOCK LENGTH 47 – 167 mm

HOW IT WORKS

Each outlet carries an adjustable needle, so the proportion between points is set during commissioning and re-set later without changing any parts. That is the difference from a VK or a TCJ, where the proportion is fixed by the restriction fitted at manufacture.

The block is a resist-type distributor: flow divides continuously between the outlets for as long as the pump runs, in the ratio the needles are set to. Dose per point is a function of run time, not cycle count.

Block length A and hole centres B grow with outlet count, from 47 and 37 mm at two outlets to 167 and 157 mm at ten. All main tube ports are M10×1 for Ø6 tube.

SPECIFICATION

Type	Adjustable resist-type proportioning distributor
System working pressure	1.5 – 20 kgf/cm ² (resist-type circuit)
Number of outlets	2 – 10
Main tube port	Ø6 (M10×1)
Adjustment	Per outlet, on site, by needle
Block length (A)	47 – 167 mm, by outlet count
Hole centres (B)	37 – 157 mm, by outlet count
Suitable system	Resist-type (proportional) lubrication

TK ADJUSTABLE RESIST-TYPE PROPORTION DISTRIBUTOR

AMAG-DS-TK-01 • SELECTION & ORDERING

MODEL SELECTION

MODEL	MAIN TUBE PORT	OUTLETS	A (MM)	B (MM)
TK-2-8	Ø6	2	47	37
TK-3-8	Ø6	3	62	52
TK-4-8	Ø6	4	77	67
TK-5-8	Ø6	5	92	82
TK-6-8	Ø6	6	107	97
TK-7-8	Ø6	7	122	112
TK-8-8	Ø6	8	137	127
TK-9-8	Ø6	9	152	142
TK-10-8	Ø6	10	167	157

DIMENSIONS A is overall block length and B is the distance between fixing hole centres. Ask us for the full drawing before machining a mounting.

APPLICATIONS

Commissioning new machine designs
Circuits where point demand is unknown
Plants that re-tool frequently
Multi-point proportional oil distribution

SYSTEM PAIRING

TZ or HL pump
Ø6 main tube, Ø4 branch tube
NKHY-8 hand pump on manual circuits

CHECK BEFORE ORDERING Adjustable means adjustable by someone who knows the target dose. Record the settings on the machine before handover.

Proportional, not metered. Where a point needs a stated volume per cycle, specify RH-3 or 35 type instead.

ORDER THIS PART

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WhatsApp the model code.

EMAIL & WEB

mail@amagcnc.com
amagcnc.com

WARRANTY

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-TK-01 · Rev A · August 2026.