

TCJ / TCZ Restriction Resist-Type Proportion Distributor

TCJ 1 – 5 • TCZ 1 – 5

In-line restrictor with a built-in filter screen and single-side valve, controlling flow by throttling through a damping hole in five graded sizes.

	FLOW GRADES 1 • 2 • 4 • 8 • 16	PRESSURE USED 1.5 – 20 kgf/cm²
	VISCOSITY 20 – 50 cst	INLET M8×1

HOW IT WORKS

Flow is set by throttling through a damping hole, so oil divides between points in a fixed ratio for as long as the pump runs. A built-in filter screen protects the damping hole and a single-side valve fixes the flow direction — fit it the right way round.

Because the restrictor sits in the line rather than in a manifold, points can be added or re-proportioned one at a time by changing a single fitting.

SPECIFICATION

Type	Restriction resist-type proportion distributor
Flow grades	Standard 1 – 5, relative flow rate 1 • 2 • 4 • 8 • 16
Connector diameter — TCJ	IN M8×1 • OUT M8×1
Connector diameter — TCZ	IN M8×1 • OUT R1/8
Pressure used	1.5 – 20 kgf/cm²
Viscosity of oil used	20 – 50 cst
Built in	Filter screen • single-side valve

TCJ / TCZ RESTRICTION RESIST-TYPE PROPORTION DISTRIBUTOR

AMAG-DS-TCJ-01 • SELECTION & ORDERING

MODEL SELECTION

STANDARD GRADE	RELATIVE FLOW RATE	TCJ OUTLET	TCZ OUTLET
1	1	M8×1	R1/8
2	2	M8×1	R1/8

STANDARD GRADE	RELATIVE FLOW RATE	TCJ OUTLET	TCZ OUTLET
3	4	M8x1	R1/8
4	8	M8x1	R1/8
5	16	M8x1	R1/8

TZJ / TZZ through resist-type distributors have ten times the unit flow of the TCJ / TCZ restriction type.

Do not substitute one for the other.

DIMENSIONS

TCJ 流動方向 → TCJ – dimensions and flow direction	TCZ 流動方向 → TCZ – dimensions and flow direction
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Dimensions in millimetres. Confirm critical dimensions with us before machining a mounting.

APPLICATIONS

Point-by-point proportioning
Circuits extended after commissioning
Machines with widely different point demands

SYSTEM PAIRING

NKHY-8 hand pump
TZ or HL pump without take-off mechanism
VK / VM manifold upstream

CHECK BEFORE ORDERING

Viscosity range is 20 – 50 cst, narrower than the volumetric families. A heavier oil changes the proportion between points.

Directional. Fit with the arrow following the flow or the single-side valve will close against you.

TZJ / TZZ are ten times the flow. Check which series the machine was built with before replacing one.

ORDER THIS PART

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WhatsApp the model code.

EMAIL & WEB

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amagcnc.com

WARRANTY

One year against manufacturing defect from date of invoice.