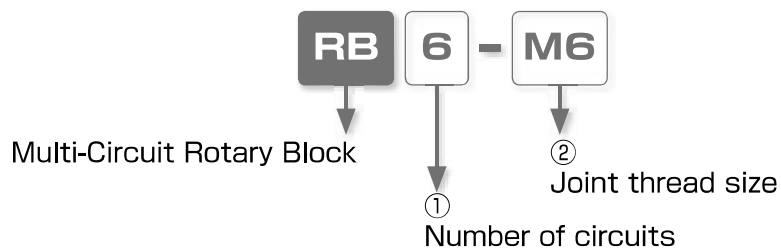




Multi-Circuit Rotary Block

FITTING

Model Designation (Example)



① Number of circuits

Code	4	6	8
Circuits	4 circuits	6 circuits	8 circuits

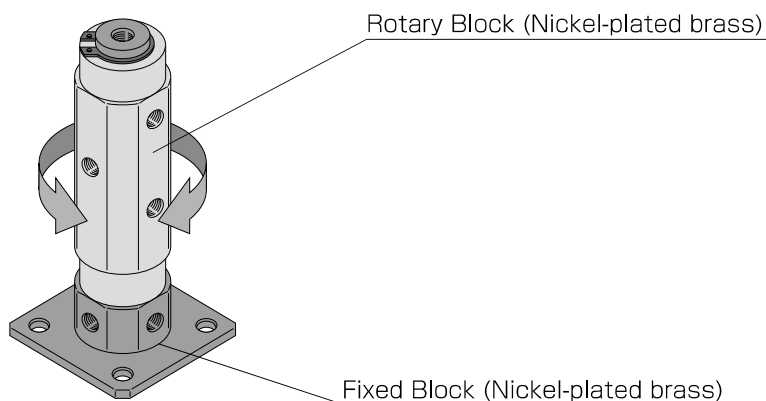
② Joint thread size

Thread size	Metric thread (mm)		Taper pipe thread
Code	M5	M6	O1
Size	M5 × 0.8	M6 × 1	Rc1/8

Specifications

Fluid medium	Air
Max. operating pressure	0.9MPa
Max. vacuum	-100kPa
Operating temp. range	0 ~ 60°C (No freezing)

Construction of Multi-Circuit Rotary Block



Applicable Tube and Related Products

Tube Fitting Standard Series.....P.38

Tube Fitting Mini Series.....P.84

Minimal Fitting Series.....P.266



Fitting Series

Multi-Circuit Rotary Block

FITTING

RB

Multi-Circuit Rotary Block

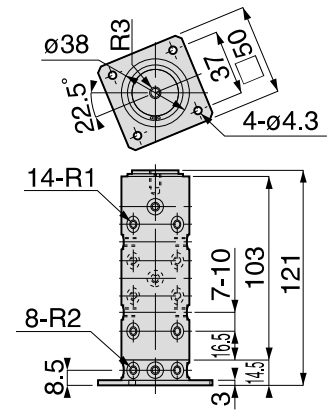
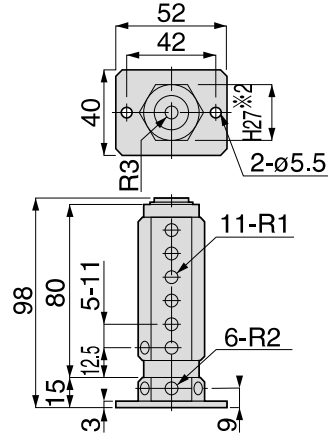
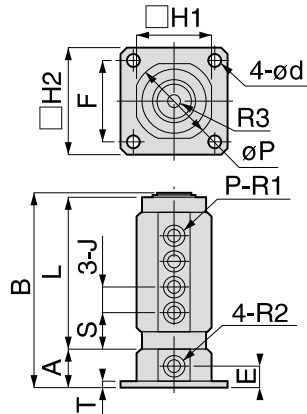
CAD

RoHS compliant

RB4-□□

RB6-□□

RB8-□□



Unit : mm

Model code	R1	R2	R3	A	B	L	øP	J	S	E	□H1	□H2	ød	F	P	T
RB 4-M5	M5 × 0.8	M5 × 0.8	M5 × 0.8 depth 6	13	71	55	23	10	12.5	8	21	32	4.5	24	8	2
RB 4-01	Rc1/8	Rc1/8	M6 × 1 depth 10	18.5	91	70	38	12.5	16	10.5	35	50	5.5	38	7	3
RB 6-M5	M5 × 0.8	M5 × 0.8	M5 × 0.8 depth 8	-	-	-	-	-	-	-	-	-	-	-	-	-
RB 6-M6	M6 × 1	M6 × 1	M6 × 1 depth 8	-	-	-	-	-	-	-	-	-	-	-	-	-
RB 8-M5	M5 × 0.8	M5 × 0.8	M6 × 1	-	-	-	-	-	-	-	-	-	-	-	-	-
RB 8-M6	M6 × 1	M6 × 1	depth 10	-	-	-	-	-	-	-	-	-	-	-	-	-

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Model code	Weight ^{※1} (g)	Allowable rotation (min ⁻¹)	Rotating torque (N·m)	Effective area (mm ²)		CAD file name
				ø4 Fitting	ø6 Fitting	
RB 4-M5	190	140	0.5	2.6	3.0	TFRB-001
RB 4-01	630	110	0.5	3.1	6.6	
RB 6-M5	460	100	1.0	3.1	3.4	
RB 6-M6	430			3.0	4.7	
RB 8-M5	950	70	1.0	3.3	3.9	
RB 8-M6	940			3.0	5.2	

※ 1. Weight is Multi-Circuit Rotary Block unit only, not including fittings.

※ 2. See ※ 2 on the dimensional drawing. The outside diameter of RB6-M5 is columnar of ø 29mm. Dimension of Fixed Block is the same as RB6-M6.

※ 3. min⁻¹ : rotation per minute

Standard Series

Mini Series

Stainless Series

Chemical Series

PP Series

EG Series

Anti-scatter & Brass Series

Die Temperature Control

Minimal Series

Stop Fitting Series

Rotary Series