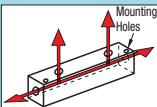


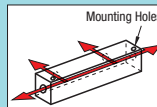
Manifold Blocks - Hydraulic / Pneumatic

Lateral Through Hole, Upper Hole



Manifold Blocks - Hydraulic / Pneumatic

Lateral Through Hole, Vertical Semi-Through Hole



For details of recommended tapered male thread tightening torque and through pilot hole, see P.1224.

Type **Material** **Surface Treatment** **Max. Operating Pressure**

BMBN EN 1.0038 Equiv. Trivalent Chromate 20.6MPa≈210kgf/cm² or less

BMBNR EN 1.4301 Equiv. - -

BMSN Aluminum Alloy - 1MPa≈10kgf/cm² or less

*No.□-55N is for limited space.

☞The material of BMSN□-55N is EN AW-6063 Equiv.

2 - □ For BMSN6-55N, no mounting hole at L/2 position.

3 - □

4 - □

5 - □

6 - □

2-d₁ Through
d_s Counterbore Depth ℓ

3-d₁ Through
d_s Counterbore Depth ℓ

4-d₁ Through
d_s Counterbore Depth ℓ

5-d₁ Through
d_s Counterbore Depth ℓ

6-d₁ Through
d_s Counterbore Depth ℓ

Thread: JIS B0203 Rc(PT)

RoHS10

Part Number		d ₁ Rc(PT)	d ₂ Rc(PT)	A	B	L	P	P ₁	P ₂	E	F	Y	d ₃	d ₄	ℓ	Unit Price	
Type	No.															BMBN	BMBNR
BMBN (Oil Hydraulic)	2	12	1/8	30	35	90	40	130	-	25	22	7	11	6.6	6.5		
		22	1/4														
		33	3/8														
		34	1/2														
	3	12	1/8			130	40	90	-	25	22	7	11	6.6	6.5		
		22	1/4														
		33	3/8														
		34	1/2														
	*4	12	1/8			170	40	130	-	25	22	7	11	6.6	6.5		
		22	1/4														
		33	3/8														
		34	1/2														
BMBNR (Water Hydraulic)	*5	12	1/8	210	40	170	40	170	-	25	22	7	11	6.6	6.5		
		22	1/4														
		33	3/8														
		34	1/2														
	*6	12	1/8	250	40	210	40	170	125	25	22	7	11	6.6	6.5		
		22	1/4														
		33	3/8														
		34	1/2														

* 4, 5 and 6 are available for BMBN only.

Part Number		d ₁ Rc(PT)	d ₂ Rc(PT)	A	B	L	P	P ₁	P ₂	E	F	Y	d ₃	d ₄	ℓ	Unit Price	
Type	No.															BMBN	BMBNR
BMSN (Pneumatic)	2	11	1/8	30	30	70	30	55	-	20	20	7	9.5	5.5	5.5		
		12	1/4														
		22	1/4														
		55	M5														
	3	11	1/8	30	30	100	30	85	-	20	20	7	9.5	5.5	5.5		
		12	1/4														
		22	1/4														
		55	M5														
	4	11	1/8	30	30	130	30	115	-	20	20	7	9.5	5.5	5.5		
		12	1/4														
		22	1/4														
		55	M5														
	5	11	1/8	15	15	90	15	80	-	15	10	3.5	-	4.3	-		
		12	1/4														
		22	1/4														
		55	M5														
	6	11	1/8	30	30	190	30	175	95	20	20	7	9.5	5.5	5.5		
		12	1/4														
		22	1/4														
		55	M5														

Ordering Example
Part Number
BMBN2-12

For details of recommended tapered male thread tightening torque and through pilot hole, see P.1224.

Manifold Blocks - Hydraulic

BMBN 1 - □ 70 6 - □ 270

2-d₁ Through
Ø11 Counterbore, Depth 6.5

3-Ø6.6 Through
Ø11 Counterbore, Depth 6.5

2 - □ 110 5 - □ 230

2-d₁ Through
Ø11 Counterbore, Depth 6.5

2-Ø6.6 Through
Ø11 Counterbore, Depth 6.5

3 - □ 150 4 - □ 190

2-Ø6.6 Through
Ø11 Counterbore, Depth 6.5

2-Ø6.6 Through
Ø11 Counterbore, Depth 6.5

RoHS10

(Max. Operating Pressure: 20.6MPa≈210kgf/cm² or less) Thread: JIS B0203 Rc(PT) Material: EN 1.0038 Equiv. Surface Treatment: Trivalent Chromate

Manifold Blocks - Pneumatic

BMBNR 1 - □ 40 6 - □ 190

2-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

3-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

2 - □ 70 5 - □ 160

2-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

2-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

3 - □ 100 4 - □ 130

2-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

2-Ø5.5 Through
Ø9.5 Counterbore, Depth 5.5

RoHS10

(Max. Operating Pressure: 1MPa≈10kgf/cm² or less) Thread: JIS B0203 Rc(PT) Material: Aluminum Alloy

Part Number		d ₁ Rc(PT)	d ₂ Rc(PT)	Unit Price
Type	No.			
BMBN	1	22	1/4	
		13	1/8	
		23	1/4	
		33	3/8	
	2	34	3/8	
		34	1/2	
		22	1/4	
		33	3/8	
	3	34	3/8	
		34	1/2	
		12	1/8	
		22	1/4	
	4	23	1/4	
		33	3/8	
		22	1/4	
		34	3/8	
	5	22	1/4	
		23	1/4	
		34	3/8	
		24	1/4	

Ordering Example
Part Number
BMBN2-33
BMBN3-22

Part Number		d ₁ Rc(PT)	d ₂ Rc(PT)	Unit Price
Type	No.			
BMBNR	1	11	1/8	
		22	1/4	
		11	1/8	
		12	1/8	
	2	22	1/4	
		11	1/8	
		12	1/8	
		22	1/4	
	3	11	1/8	
		12	1/8	
		22	1/4	
		11	1/8	
	4	12	1/8	
		22	1/4	
		11	1/8	
		12	1/8	
	5	22	1/4	
		22	1/4	
		11	1/8	
		12	1/8	