

Manifold Blocks - Hydraulic



Manifold Blocks - Pneumatic

* All prices are in SS and subjected to change without prior notice. CAD Data Folder Name: Manifolds
For recommended tightening torque for tapered male threads, refer to P.1574. Delivery time for SUS304 (Block Square 50) has been reduced from 5days to 5days / Express A.

* All prices are in SS and subjected to change without prior notice. CAD Data Folder Name: Manifolds
For recommended tightening torque for tapered male threads, refer to P.1574.

RoHS

Type		Pitch (P) Fixed			Pitch (P) Specified			M	S	Normal Pressure
		30x35	40 Square	50 Square	70 Square	30x35	40 Square	50 Square	70 Square	
BMR5	BMRFP	BMRFL	BMRFL	BMRSP	BMRFP	BMRFLP	BMRFLP	SS400	Zinc Galvanizing Electroless Nickel Plating	20.6MPa=210kgf/cm ² or less
BMRSM	BMRFM	BMRFLM	BMRFLM	BMRSPM	BMRFMP	BMRFLMP	BMRFLMP	SUS304		
BMRSR	BMRFR	BMRFLR		BMRSRP	BMRFRP	BMRFLRP		SUS316		1MPa=10kgf/cm ² or less
		BMRFLS			BMRFLS			Brass		

Standard Mounting Hole

Counterbore Hole

Thread
JIS B0203 R (PT)
ANSI/ASME B.1.20.1-1983 (NPT)

Mounting Hole Options

Through Hole (NA) Tapped Hole (T) Counterbore Tapped Hole (ZT)

* No. 4 is selected in the drawing. Number of port threads is G.
(Number of port thread indicates total number of R, G and K threads.)

☑ Mounting hole can be selected.
☑ For the default mounting holes, see standard mounting hole above.

RoHS

Type		Pitch (P) Fixed			Pitch (P) Specified			M	S	Normal Pressure	
		15 Square	25 Square	30x40	50 Square	70 Square	15 Square	25 Square	30x40	50 Square	70 Square
BMRAS	BMRAC	BMRAF	BMRAL	BMRAB	BMRASP	BMRACP	BMRAFP	BMRALP	BMRABP	AS052	Clear Anodize
BMRASA	BMRACA	BMRAFRA	BMRALA	BMRABA	BMRASAP	BMRACAP	BMRAFP	BMRALAP	BMRABAP		

Standard Mounting Hole

Counterbore Hole

Thread
JIS B0203 R (PT)
ANSI/ASME B.1.20.1-1983 (NPT)

Mounting Hole Options

Through Hole (NA) Tapped Hole (T) Counterbore Tapped Hole (ZT)

* No. 4 is selected in the drawing. Number of port threads is G.
(Number of port thread indicates total number of R, G and K threads.)

☑ Mounting hole can be selected.
☑ For the default mounting holes, see standard mounting hole above.
Note that the default of 15 Square and 25 Square is through hole.

Part Number		†Rc (PT), NPT Selection		Pitch P		Mounting Hole Dimension																
Type	Mounting Hole	No.	R	G · K	Fixed	1mm Increment	Pitch	Rc/Thrd	A	B	E	F	X	Y	d	D	h	M	D1	d1	h1	
(30x35)																						
Pitch Fixed	Pitch Specified	1			30	20-50	0	3														
BMR5	BMRFP	1	1 (1/8)	1 (1/8)			1	4														
BMRSM	BMRSP	2	2 (1/4)	2 (1/4)			2	5	30	35	20	15	6	5.5	9.5	5.5	M5	8	4	4.3	4.5	
BMRSR	BMRSP	3	3 (3/8)				3	6														
BMR5	BMRFP	4	4 (1/2)				4	7														
BMR5	BMRFP	5					5	8														
BMR5	BMRFP	6					6															
(40)																						
Pitch Fixed	Pitch Specified	1	1 (1/8)	2 (1/4)	40	25-50	0	3														
BMR5	BMRFP	1	1 (1/8)	2 (1/4)			1	4														
BMRSM	BMRSP	2	2 (1/4)	3 (3/8)			2	5	40	40	35	20	7	6.6	11	6.5	M6	9.5	5.1	5.5		
BMRSR	BMRSP	3	3 (3/8)	4 (1/2)			3	6														
BMR5	BMRFP	4	4 (1/2)	2N (NPT1/4)			4	7														
BMR5	BMRFP	5	5N (NPT1/4)	3N (NPT3/8)			5	8														
BMR5	BMRFP	6	6N (NPT3/8)	4N (NPT1/2)			6															
(50)																						
Pitch Fixed	Pitch Specified	1	2 (1/4)	2 (1/4)	60	35-60	0	3														
BMR5	BMRFP	1	2 (1/4)	2 (1/4)			1	4														
BMRSM	BMRSP	2	3 (3/8)	3 (3/8)			2	5	50	50	30	28	20	8	8.5	14	8.5	M8	11	6.8	6.5	
BMRSR	BMRSP	3	4 (1/2)	4 (1/2)			3	6														
BMR5	BMRFP	4	5 (3/4)	6 (3/4)			4	7														
BMR5	BMRFP	5					5	8														
BMR5	BMRFP	6					6															
(70)																						
Pitch Fixed	Pitch Specified	1	6 (3/4)	8 (1)	60	40-60	0	3														
BMR5	BMRFP	1	6 (3/4)	8 (1)			1	4														
BMRSM	BMRSP	2	8 (1)				2	5	70	70	40	35	25	9	8.5	14	8.5	M8	11	6.8	6.5	
BMRSR	BMRSP	3					3	6														
BMR5	BMRFP	4					4	7														
BMR5	BMRFP	5					5	8														
BMR5	BMRFP	6					6															

Part Number		†Rc (PT), NPT, M (Coarse)		Pitch P		Mounting Hole Dimension																
Type	Mounting Hole	No.	R · G · K	Fixed	1mm Increment	Pitch	Rc/Thrd	A	B	E	F	X	Y	d	D	h	M	D1	d1	h1		
(x 15)																						
Pitch Fixed	Pitch Specified	1		15	12-20	0	3															
BMRAS	BMRASP	1				1	4															
BMRAS	BMRASP	2	M3 (M3)			2	5	15	15	15	10	5	3.5	4.3			M4					
BMRAS	BMRASP	3	M4 (M4)			3	6															
BMRAS	BMRASP	4	5 (M5)			4	7															
BMRAS	BMRASP	5				5	8															
BMRAS	BMRASP	6				6																
(x 25)																						
Pitch Fixed	Pitch Specified	1	1 (1/8)	15	16-50	0	3															
BMRAC	BMRACP	1	1 (1/8)			1	4															
BMRAC	BMRACP	2	M3 (M3)			2	5	25	25	20	12.5	10	4	5.5			M5					
BMRAC	BMRACP	3	M4 (M4)			3	6															
BMRAC	BMRACP	4	5 (M5)			4	7															
BMRAC	BMRACP	5				5	8															
BMRAC	BMRACP	6				6																
(30x40)																						
Pitch Fixed	Pitch Specified	1	1 (1/8)	30	20-50	0	3															
BMRAF	BMRAFP	1	1 (1/8)			1	4															
BMRAF	BMRAFP	2	2 (1/4)			2	5	30	40	20	20	7.5	7	5.5	9.5	5.5	M5	8	4.2	4.5		
BMRAF	BMRAFP	3	3 (3/8)			3	6															
BMRAF	BMRAFP	4	4 (1/2)			4	7															
BMRAF	BMRAFP	5	5 (M5)			5	8															
BMRAF	BMRAFP	6	2N (NPT1/4)			6																
(50)																						
Pitch Fixed	Pitch Specified	1	2 (1/4)	50	35-60	0	3															
BMRAL	BMRALP	1	2 (1/4)			1	4															
BMRAL	BMRALP	2	3 (3/8)			2	5	50	50	30	28	20	8	8.5	14	8.5	M8	11	6.8	6.5		
BMRAL	BMRALP	3	4 (1/2)			3	6															
BMRAL	BMRALP	4	5 (3/4)			4	7															
BMRAL	BMRALP	5				5	8															
BMRAL	BMRALP	6				6																
(70)																						
Pitch Fixed	Pitch Specified	1	6 (3/4)	70	40-60	0	3															
BMRAB	BMRABP	1	6 (3/4)			1	4															
BMRAB	BMRABP	2	8 (1)			2	5	70	70	40	35	25	9	8.5	14	8.5	M8	11	6.8	6.5		
BMRAB	BMRABP	3				3	6															
BMRAB	BMRABP	4				4	7															
BMRAB	BMRABP	5				5	8															
BMRAB	BMRABP	6				6																

☑ To specify † marked R, G and K, use the numbers preceding () : 1, 2, 3, 4, 5, 6, 8, 1N, 2N, 3N and 4N. ☑ No. 1 is not available for Pitch Specified Type.
☑ Specify the pitch taking into consideration the necessary dimensions for fitting the coupling. ☑ Only No. 6 has an additional mounting hole at L/2 position.

☑ To specify † marked R, G and K, use the numbers preceding () : 1, 2, 3, 4, 5, 6, 8, M3, M4, 1N, 2N. ☑ No. 1 is not available for Pitch Specified Type.
☑ Specify the pitch taking into consideration the necessary dimensions for fitting the coupling. ☑ Only No. 6 has an additional mounting hole at L/2 position. (Except 15 square)
☑ For 15 Square and 25 Square, only Tapped Hole is available. ☑ M3, M4 and 5 are not applicable to 25 Square : 30x40 Square Pitch Specified Type G and K.

No.	Pitch (P) Fixed Unit Price Qty. 1-4								Pitch (P) Specified Unit Price Qty. 1-4			
	40 Square											