

# Manifold Blocks - Hydraulic



# Manifold Blocks - Pneumatic

CAD Data

For recommended tightening torque for tapered male threads, refer to P.1574.

CAD Data

For recommended tightening torque for tapered male threads, refer to P.1574.

**RoHS**

Type		Pitch (P) Fixed		Pitch (P) Specified		Material	Surface Treatment	Normal Pressure
30x35	40 Square	50 Square	70 Square	30x35	40 Square			
BMRSP	BMRFL	BMRFLM	BMRL	BMRSP	BMRFP	BMRFLP	BMRLP	20.6MPa=210kgf/cm <sup>2</sup> or less
BMRSM	BMRFM	BMRFLM	BMRLM	BMRSP	BMRFP	BMRFLP	BMRLP	
BMRSR	BMRFR	BMRFLR	-	BMRSP	BMRFP	BMRFLP	-	1MPa=10kgf/cm <sup>2</sup> or less
-	BMRFS	BMRFLS	-	BMRSP	BMRFP	BMRFLP	-	
-	BMRFC	-	-	BMRSP	BMRFP	BMRFLP	-	

Material: 1.0040/UST.42.2 (Zinc Galvanizing, Electroless Nickel Plating) / 1.4301/X5CrNi18-10 (Brass)

**Standard Mounting Hole**

**Mounting Hole Options**

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

Thread: JIS B0203 R (PT), ANSI/ASME B1.20.1-1983 (NPT)

\* No. 4 is selected in the drawing. Number of port threads is 6. (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		Material	Surface Treatment	Normal Pressure
15 Square	25 Square	30x40	50 Square	70 Square	15 Square			
BMRAS	BMRAC	BMRAC	BMRAL	BMRAB	BMRAS	BMRAC	BMRALP	1MPa=10kgf/cm <sup>2</sup> or less
BMRASA	BMRACA	BMRACA	BMRALA	BMRABA	BMRASA	BMRACA	BMRALAP	

Material: EN AW-5052/AlMg2.5 (Clear Anodize)

**Standard Mounting Hole**

**Mounting Hole Options**

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

Thread: JIS B0203 R (PT), ANSI/ASME B1.20.1-1983 (NPT)

\* No. 4 is selected in the drawing. Number of port threads is 6. (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	Type	Mounting Hole	No.	Pitch P		Pitch	Port Threads	Mounting Hole Dimension												
				Fixed	1mm Increment			A	B	E	F	X	Y	d	D	h	M	D1	d1	h1
(30x35)	Pitch Fixed	NA (Through)	1	30	20~50	30	3	35	20	20	15	6	5.5	9.5	5.5	M5	8	4.2	4.5	
(x 40)	Pitch Fixed	T (Tapped)	1	40	25~50	40	3	40	40	35	20	20	7	6.6	11	6.5	M6	9.5	5.1	5.5
(x 50)	Pitch Fixed	ZT (Counterbore Tapped)	1	60	35~60	60	3	50	50	30	28	20	8	8.5	14	8.5	M8	11	6.8	6.5
(x 70)	Pitch Fixed	-	1	60	40~60	60	3	70	70	40	35	25	9	8.5	14	8.5	M8	11	6.8	6.5

Part Number	Type	Mounting Hole	No.	Pitch P		Pitch	Port Threads	Mounting Hole Dimension												
				Fixed	1mm Increment			A	B	E	F	X	Y	d	D	h	M	D1	d1	h1
(x 15)	Pitch Fixed	T (Tapped)	1	15	12~20	15	3	15	15	15	10	5	3.5	4.3	-	-	M4	-	-	-
(x 25)	Pitch Fixed	T (Tapped)	1	25	15~50	25	3	25	25	20	12.5	10	4	5.5	-	-	M5	-	-	-
(30x40)	Pitch Fixed	NA (Through)	1	30	20~50	30	3	30	40	20	20	7.5	7	5.5	9.5	5.5	M5	8	4.2	4.5
(x 50)	Pitch Fixed	T (Tapped)	1	40	35~60	40	3	50	50	25	25	8.5	8.5	8.5	14	8.5	M8	11	6.8	6.5
(x 70)	Pitch Fixed	ZT (Counterbore Tapped)	1	60	40~60	60	3	70	70	40	35	25	9	8.5	14	8.5	M8	11	6.8	6.5

☑ To specify ↑ marked R, G and K, use the numbers preceding ( ): 1, 2, 3, 4, 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						Pitch (P) Specified						Unit Price	Qty. 1~4
	30x35	40 Square	50 Square	70 Square	BMRL	BMRLM	30x35	40 Square	50 Square	70 Square	BMRLP	BMRLMP		
1	21,80	21,90	33,60	23,80	23,90	34,90	48,30	28,30	32,20	32,50	49,80	62,30	51,70	53,70
2	24,40	24,80	37,10	26,40	26,80	37,90	52,80	30,00	35,30	35,60	57,80	78,60	74,80	77,80
3	26,70	27,10	41,90	28,70	29,10	41,50	57,40	32,90	38,40	38,70	76,80	89,70	91,30	95,00
4	28,40	28,80	50,30	30,40	30,80	50,80	65,90	35,10	41,50	41,70	87,90	109,80	98,80	102,70
5	29,00	29,30	54,00	31,00	31,30	54,50	70,20	35,90	44,60	44,80	96,70	128,00	-	-
6	31,80	32,20	58,80	33,80	34,20	57,10	75,60	37,30	48,80	49,00	138,00	185,60	-	-

No.	Pitch (P) Fixed						Pitch (P) Specified						Unit Price	Qty. 1~4
	15 Square	25 Square	30x40	50 Square	70 Square	BMRALP	BMRALMP	15 Square	25 Square	30x40	50 Square	70 Square		
1	16,20	21,10	19,50	25,30	21,20	27,00	38,80	43,00	60,80	64,90	-	-	-	-
2	17,30	22,00	21,30	27,00	23,60	29,40	43,60	48,40	88,40	94,30	23,20	27,10	27,30	32,80
3	21,30	25,80	25,80	31,30	25,40	31,20	51,10	56,60	108,30	115,50	26,90	30,50	31,50	36,60
4	22,60	27,10	27,10	32,50	27,20	33,00	56,60	62,80	117,70	125,60	27,60	31,20	32,60	37,80
5	23,90	28,30	27,80	33,30	29,50	35,40	62,60	69,50	-	-	28,40	31,80	33,40	38,40
6	26,70	31,00	30,50	35,80	31,40	37,20	65,20	72,70	-	-	30,60	33,90	35,80	40,70

No.	Pitch (P) Specified						Pitch (P) Fixed						Unit Price	Qty. 1~4
	30x35	40 Square	50 Square	70 Square	BMRLP	BMRLMP	30x35	40 Square	50 Square	70 Square	BMRL	BMRLM		
2	30,10	30,30	41,40	32,10	32,30	42,10	56,70	36,00	47,10	47,30	63,90	83,10	81,70	84,90
3	32,30	32,50	45,90	34,30	34,50	45,20	62,70	38,60	50,40	50,60	73,00	92,30	119,70	124,50
4	33,80	34,00	54,70	35,80	35,70	54,90	71,20	40,80	53,60	53,80	88,70	108,70	127,50	132,60
5	34,00	34,20	58,70	36,00	36,00	59,20	76,50	41,40	56,90	57,10	98,70	124,90	-	-
6	34,70	35,80	63,80	36,70	36,80	63,90	83,60	41,60	61,30	61,40	143,00	189,00	-	-

**Order Example**

Part Number: R - G - K - P

Example: BMRFLP NA 4 - R2 - G3 - K4 - P50

**Days to Ship** 8 Days

**Price** Volume Discount P92

Quantity: 1~4, 5~9, 10~19

Rate: Price List, 5%, 10%

☑ For orders larger than indicated values, please request for quotation.