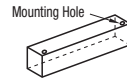


Manifold Outlets Positioning

Standard position of the mounting hole



*Standard mounting holes are located as shown in the drawing on left. Some types vary. See details on each product page.

Material	General Construction Steel	304 Stainless Steel	Aluminum Alloy
Recommended Fluids	Lubricating Oil, Cutting Oil or Coolant. May also be used with air.	Water. Can also be used with oil or air.	Air.
Features	Economy	Rust Resistant	Lightweight
Maximum Working Pressure	20.6MPa=210kgf/cm ²		1MPa=10kgf/cm ²
Uses	<p>For Cutting Oil Applications</p>	<p>Ball Valve</p>	<p>For Air Draining Applications</p>

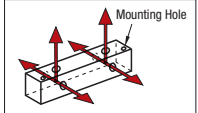
Manifold Blocks / Terminal Blocks

Page	P.2822, 3288-3289	P.3284, 3287, 3290-3291	P.3285, 3292-3293	P.3286, 3294-3295
Outlets Positioning				
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Outlets Positioning				
Page	P.3289	P.3299	P.3299	P.3300
Outlets Positioning				
Page	P.3301	P.3301	P.2843, 2845-2846	P.3303, 3306-3307
Outlets Positioning				

Piping Manifolds

Page	P.3312	P.3312	P.3313-3315	P.3316	P.3317
Outlets Positioning					

Manifold Blocks (Hydraulic / Pneumatic)



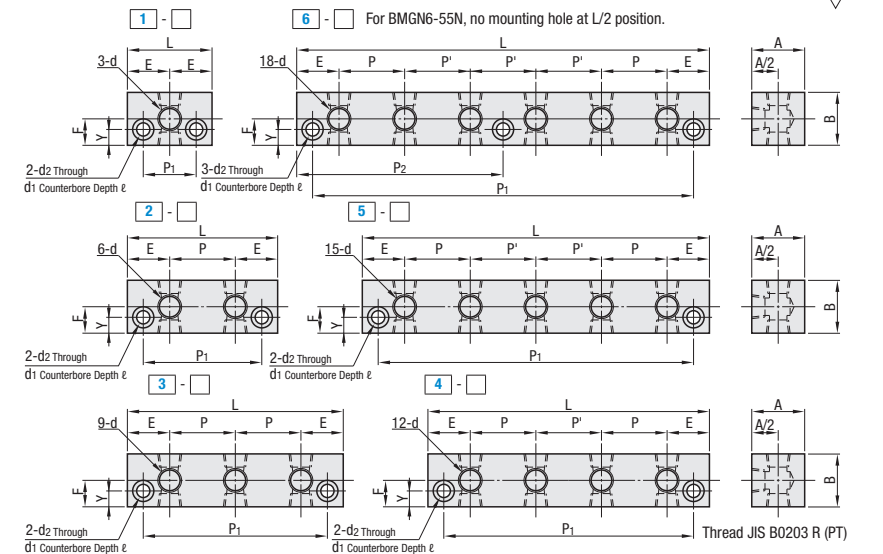
Manifold Blocks - Hydraulic

Type	Material	Surface Treatment	Normal Pressure
BMAN	1018 Carbon Steel	Trivalent Chromate	20.6 MPa = 210 kgf/cm ² or Less
BMANR	304 Stainless Steel	—	20.6 MPa = 210 kgf/cm ² or Less
BMGN	Aluminum Alloy	—	1 MPa = 10 kgf/cm ² or Less

*BMGN_-55N is for limited space.

⊙ The material of BMGN_-55N is 6063 Aluminum Alloy.

6.3



Manifold Blocks - Pneumatic



RoHS 10

Type	Part Number	No.	d Rc (PT)	A	B	L	P	P'	P ₁	P ₂	E	F	Y	d ₁	d ₂	ℓ		
BMAN Oil Hydraulic	1	11	1/8	40	30	40	—	—	25	—	20	B/2	7	11	6.6	6.5		
		22	1/4															
	2	11	1/8		30	80	40	—	—	65	—						20	
		33	3/8															
	BMANR Water Hydraulic	3	11		1/8	40	30	120	40	—	105						—	20
			22		1/4													
*4		11	1/8	30	160		40	40	145	—	20							
		22	1/4															
*5		11	1/8	30	200		40	40	185	—	20							
		22	1/4															
*6	11	1/8	30	240	40	40	225	120	20									
	22	1/4																

⊙ *4, 5 and 6 are only available for BMAN Only

Type	Part Number	No.	d Rc (PT) M (Coarse)	A	B	L	P	P'	P ₁	P ₂	E	F	Y	d ₁	d ₂	ℓ
BMGN Pneumatic	1	11	1/8	25	25	40	—	—	25	—	20	12.5	7	9.5	5.5	5.5
		22N	1/4	35	35							17.5				
		55	M5	25	25							12.5				
	2	11	1/8	25	25	70	30	—	55	—	20	12.5	7	9.5	5.5	5.5
		22N	1/4	35	35							17.5				
		55	M5	25	25							12.5				
	3	11	1/8	25	25	100	30	—	85	—	20	12.5	7	9.5	5.5	5.5
		22N	1/4	35	35							17.5				
		55	M5	25	25							12.5				
	4	11	1/8	25	25	130	30	30	115	—	20	12.5	7	9.5	5.5	5.5
		22N	1/4	35	35							17.5				
		55	M5	25	25							12.5				
5	11	1/8	25	25	160	30	30	145	—	20	12.5	7	9.5	5.5	5.5	
	22N	1/4	35	35							17.5					
	55	M5	25	25							12.5					
6	11	1/8	25	25	90	15	15	80	—	15	7.5	3.5	—	4.3	—	
	22N	1/4	35	35							12.5					
	55	M5	25	25							12.5					

Part Number Example: **BMAN2-33**
 Part Number: **BMGN3-22N**