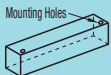


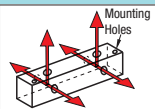
Manifold App. Example / Shape / Port Position Chart

Standard Position of the Mounting Hole



*Standard mounting holes are located as shown in the drawing on the left. This is not applied for some types. For details, see each product page.

Manifold Blocks - Hydraulic / Pneumatic
T-Shaped Hole



App. Example

Material	Steel (EN 1.0038 Equiv.)	Stainless Steel (EN 1.4301 Equiv.)	Aluminum Alloy
Recommended fluids	Lubricant, Cutting Oil, Coolant, etc. * It can also be used in air	Water, etc. * It can also be used in oil and air	Air, etc.
Features	Low Price	Rust resistant	Light
Max. Operating Pressure	20.6MPa≈210kgf/cm ² or less		1MPa≈10kgf/cm ² or less
App. Example	 Bifurcation of cutting oil	 In combination with pressure gauge	 Bifurcation of draining air

Manifold Blocks, Terminal Blocks

Page	P.1226, 1231, 1232		P.1227, 1230, 1233, 1234		P.1228, 1235, 1236		P.1229, 1237, 1238	
Port Positions								
Page	P.1230, 1240		P.1239, 1251, 1252		P.1243		P.1243	
Port Positions								
Page	P.1241		P.1242		P.1242		P.1243	
Port Positions								
Page	P.1244		P.1244		P.1245, 1247, 1248		P.1246, 1249, 1250	
Port Positions								
Pipe Manifolds								
Page	P.1256		P.1256		P.1257, 1258, 1259		P.1260	
Port Positions								

Pipe Manifolds

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

Type	Material	Surface Treatment	Max. Operating Pressure
BMAN	EN 1.0038 Equiv.	Trivalent Chromate	20.6MPa≈210kgf/cm ² or less
BMANR	EN 1.4301 Equiv.	-	-
BMGN	Aluminum Alloy	-	1MPa≈10kgf/cm ² or less

* BMGN□-55N is for limited space.

⚠ The material of BMGN□-55N is EN AW-6063 Equiv.

6.3

Part Number	Type	No.	d Rc(PT)	A	B	L	P	P'	P ₁	P ₂	E	F	Y	d ₁	d ₂	ℓ	Unit Price
BMAN (Oil Hydraulic)	1	11	1/8	30	40	-	-	25	-	20	-	-	-	-	-	-	-
		22	1/4	30	80	40	-	65	-	20	-	-	-	-	-	-	-
		33	3/8	30	120	40	-	105	-	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	-	40	145	-	20	-	-	-	-	-	-
		22	1/4	30	160	40	40	185	-	20	-	-	-	-	-	-	-
		33	3/8	30	200	40	40	225	120	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	40	225	120	20	-	-	-	-	-	-	-
		22	1/4	30	240	40	40	225	120	20	-	-	-	-	-	-	-
		33	3/8	30	280	40	40	225	120	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	40	225	120	20	-	-	-	-	-	-	-
		22	1/4	30	160	40	40	225	120	20	-	-	-	-	-	-	-
		33	3/8	30	200	40	40	225	120	20	-	-	-	-	-	-	-
BMANR (Water Hydraulic)	1	11	1/8	30	40	-	-	25	-	20	-	-	-	-	-	-	-
		22	1/4	30	80	40	-	65	-	20	-	-	-	-	-	-	-
		33	3/8	30	120	40	-	105	-	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	-	40	145	-	20	-	-	-	-	-	-
		22	1/4	30	160	40	40	185	-	20	-	-	-	-	-	-	-
		33	3/8	30	200	40	40	225	120	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	40	225	120	20	-	-	-	-	-	-	-
		22	1/4	30	160	40	40	225	120	20	-	-	-	-	-	-	-
		33	3/8	30	200	40	40	225	120	20	-	-	-	-	-	-	-
		11	1/8	30	40	40	40	225	120	20	-	-	-	-	-	-	-
		22	1/4	30	160	40	40	225	120	20	-	-	-	-	-	-	-
		33	3/8	30	200	40	40	225	120	20	-	-	-	-	-	-	-

Part Number	Type	No.	d Rc(PT)	A	B	L	P	P'	P ₁	P ₂	E	F	Y	d ₁	d ₂	ℓ	Unit Price
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	70	30	-	55	-	20	17.5	7	9.5	5.5	5.5	-
		55	M5	25	25	15	15	30	20	-	15	7.5	3.5	-	4.3	-	-
		11	1/8	25	25	40	-	-	25	-	20	12.5	7	9.5	5.5	5.5	-
		22N	1/4	35	35	70	30	-	55	-	20	17.5	7	9.5	5.5	5.5	-
		55N	M5	25	25	15	15	30	20	-	15	7.5	3.5	-	4.3	-	-
		11	1/8	25	25	40	-	-	25	-	20	12.5	7	9.5	5.5	5.5	-
		22N	1/4	35	35	70	30	-	55	-	20	17.5	7	9.5	5.5	5.5	-
		55	M5	25	25	15	15	30	20	-	15	7.5	3.5	-	4.3	-	-
		11	1/8	25	25	40	-	-	25	-	20	12.5	7	9.5	5.5	5.5	-
		22N	1/4	35	35	70	30	-	55	-	20	17.5	7	9.5	5.5	5.5	-
		55N	M5	25	25	15	15	30	20	-	15	7.5	3.5	-	4.3	-	-

Ordering Example
Part Number
BMAN2-33
BMGN3-22N