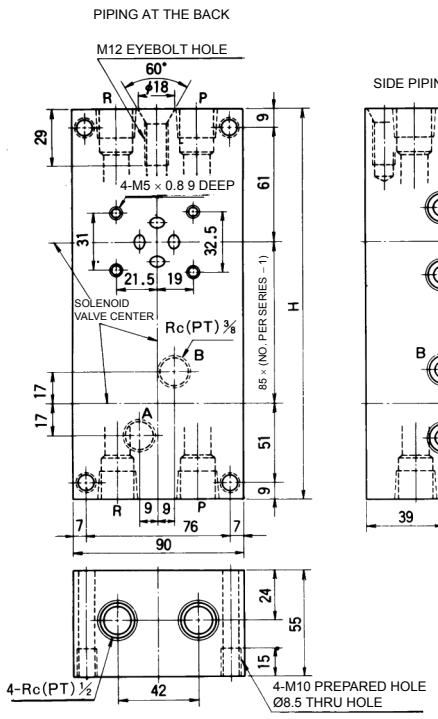
● HMD-*-025-03T*

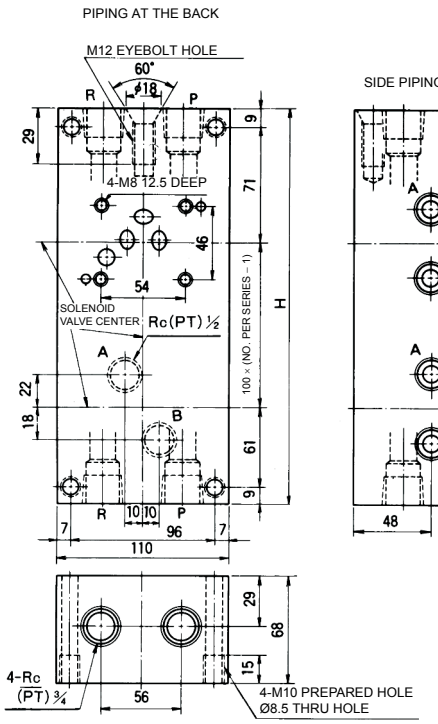


Model
HMD-1-025-03T*
HMD-2-025-03T*
HMD-3-025-03T*
HMD-4-025-03T*
HMD-5-025-03T*

A AND B PORTS FOR SIDE PIPING ARE PROVIDED ON BOTH SIDE FACES OF THE MANIFOLD.

No. per Series	H	Mass (kg)
1	130	3.9
2	215	6.6
3	300	9.5
4	385	12.3
5	470	15.1

● HMD-*-03-04T*

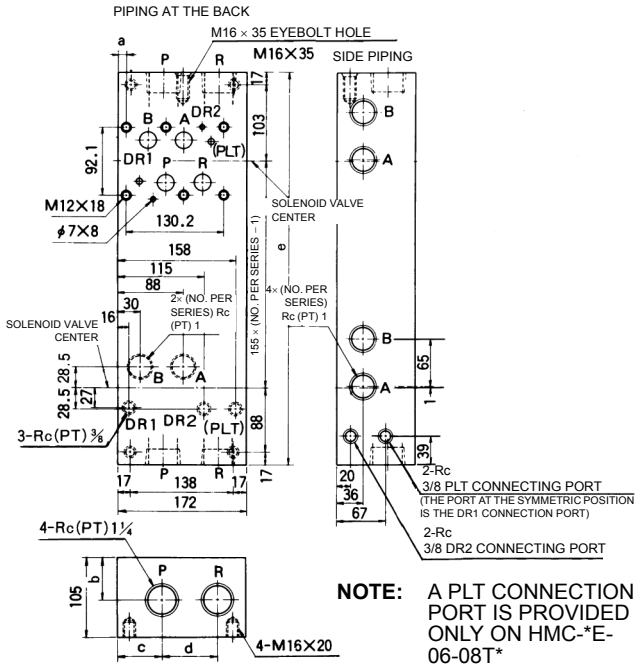


Model
HMD-1-03-04T*
HMD-2-03-04T*
HMD-3-03-04T*
HMD-4-03-04T*
HMD-5-025-03T*

A AND B PORTS FOR SIDE PIPING ARE PROVIDED ON BOTH SIDE FACES OF THE MANIFOLD.

No. per Series	H	Mass (kg)
1	150	6.7
2	250	11.5
3	350	16.4
4	450	21.3
5	550	26.2

● HMC-*(E)-06-08T*



NOTE: A PLT CONNECTION PORT IS PROVIDED ONLY ON HMC-*E-06-08T*

Model		a	b	c	d	e	Mass (kgf)
HMC-1(E)-06-08T*	T1	11	56	60	74	225	25.9
	T2	13	70	54	65		
HMC-2(E)-06-08T*	T1	11	56	60	74	380	43.7
	T2	13	70	54	65		
HMC-3(E)-06-08T*	T1	11	56	60	74	535	61.4
	T2	13	70	54	65		
HMC-4(E)-06-08T*	T1	11	56	60	74	690	79.1
	T2	13	70	54	65		
HMC-5(E)-06-08T*	T1	11	56	60	74	845	96.8
	T2	13	70	54	65		

MODEL DESIGNATION

HM* - * (E) - * - ** *

- Manifold
  - HMD: 025, 03
  - HMC: 06
- No. per series
  - 1: 1 per series
  - 2: 2 per series
  - 3: 3 per series
  - 4: 4 per series
  - 5: 5 per series
- (E)
  - Indicates the external-pilot type solenoid valve size 06
- Nominal size
  - 025/03/06
- Piping size
  - 03: 3/8
  - 04: 1/2
  - 08: 1
- Piping position
  - T1: Thread-connection back side piping
  - T2: Thread-connection side face piping

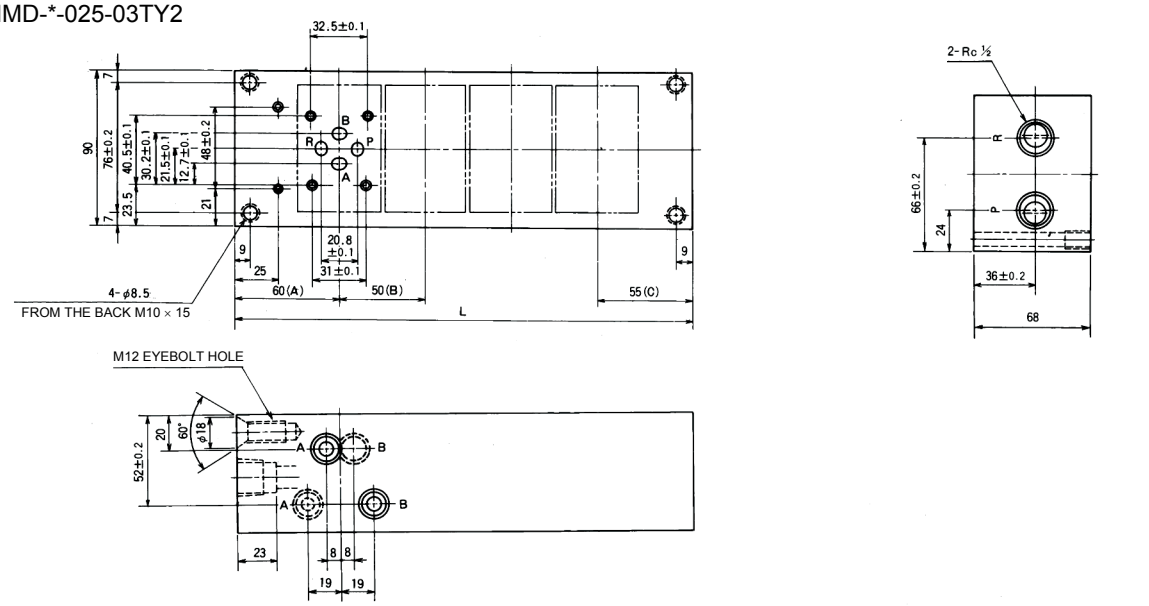
MODEL DESIGNATION

HMD - * - 025 - 03 TY2

- Manifold
- No. per series: 1 to 11
- Nominal size of applicable valve
- Piping size
  - 03: Rc(PT)3/8
- TY2: Thread-connection side face piping

EXTERNAL DIMENSIONS

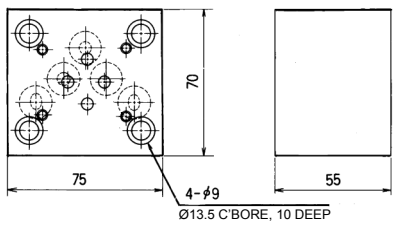
● HMD-*-025-03TY2



* No. per Series	1	2	3	4	5	6	7	8	9	10	11
L (Total Length (mm))	(A)+(C)	(A)+(B)+(C)	(A)+2(B)+(C)	(A)+3(B)+(C)	(A)+4(B)+(C)	(A)+5(B)+(C)	(A)+6(B)+(C)	(A)+7(B)+(C)	(A)+8(B)+(C)	(A)+9(B)+(C)	(A)+10(B)+(C)
	115	165	215	265	315	365	415	465	515	565	615

SPACER

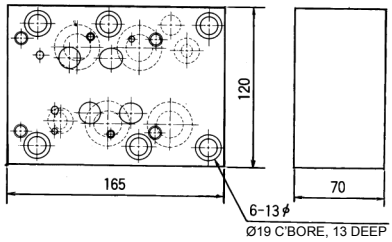
● HMD-025-03G1



MASS: 1.9 kg

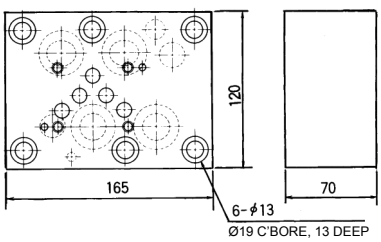
NOTE: THIS SPACER CANNOT BE USED FOR THE MANIFOLD OF HMD-*-025-03TY2

● HMB-04-06G1



MASS: 8.8 kg

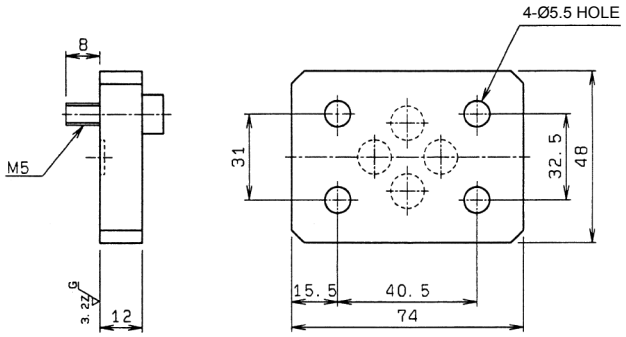
● HMB-03-06G1



MASS: 9.2 kg

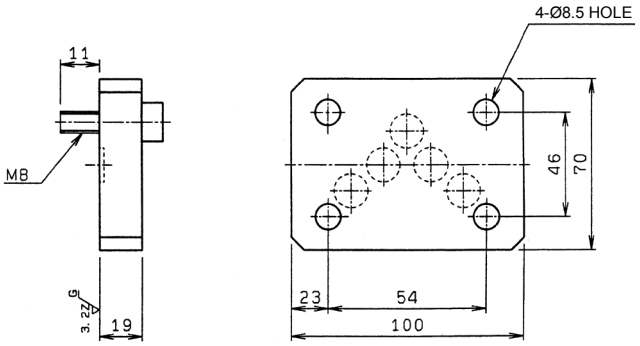
PLATE

● HMS-CA-HD3-025



MASS: kg

● HMS-CA-HD3-025



MASS: kg

MOUNTING BOLTS

HEXAGON SOCKET HEAD BOLT

No. of Stacking Levels \ Nominal Size	025	03	06
2	HKS-NA-5 × 65	HKS-NA-8 × 95	HKS-NA-12 × 145
3	HKS-NA-5 × 100	HKS-NA-8 × 150	HKS-NA-12 × 230
4	HKS-NA-5 × 135	HKS-NA-8 × 205	HKS-NA-12 × 315
5	HKS-NA-5 × 170	HKS-NA-8 × 260	HKS-NA-12 × 400

STUD BOLT (WITH CLAMP NUT)

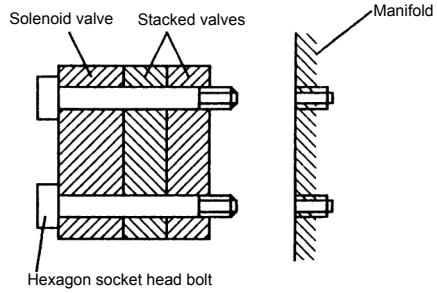
No. of Stacking Levels \ Nominal Size	025	03	06
2	HKS-NC-5 × 71	HKS-NC-8 × 106	HKS-NC-12 × 157
3	HKS-NC-5 × 106	HKS-NC-8 × 161	HKS-NC-12 × 242
4	HKS-NC-5 × 141	HKS-NC-8 × 216	HKS-NC-12 × 327
5	HKS-NC-5 × 176	HKS-NC-8 × 271	HKS-NC-12 × 412

STRAIGHT DOWEL PIN

No. of Stacking Levels \ Nominal Size	03	06
2	—	HKS-NB-12 × 167
3	HKS-NP-5 × 90	HKS-NB-12 × 252
4	HKS-NP-5 × 145	HKS-NB-12 × 337
5	HKS-NP-5 × 200	HKS-NB-12 × 422

● Examples

1. When only hexagon socket head bolts are used

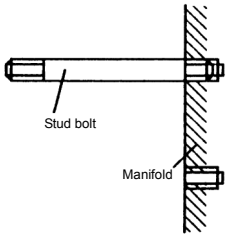


Mount the stacked valves to the manifold or remove them from it while hexagon socket head bolts are set through the stacked valves.
(For size 03 or 06, also use straight dowel pins.)

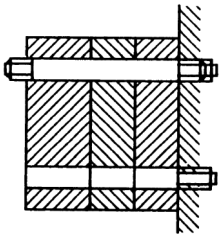
2. When stud bolts and hexagon socket head bolts are used

Example installation order: 1) → 2) → 3) → 4)

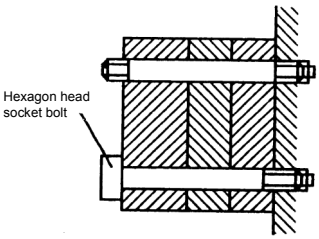
1) Screw stud bolts into the manifold. (2 stud bolts arranged diagonally)



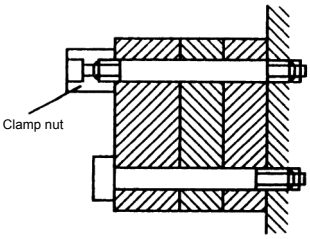
2) Stack the valves.



3) Tighten the hexagon head socket bolts.



4) Tighten the clamp nuts.



4] Remove the bolts.

3] Remove the valves.

2] Remove the hexagon socket head bolts.

1] Remove the clamp nut.

Example removal order: 1] → 2] → 3] → 4]

Cautions for Removal

When loosening a clamp nut, the stud bolt may turn with the clamp nut to be removed. If this happens, tighten the stud bolt again and then remove the hexagon socket head bolts.