

MECHANICAL DIRECTIONAL CONTROL VALVE (HD1) SIZE 02



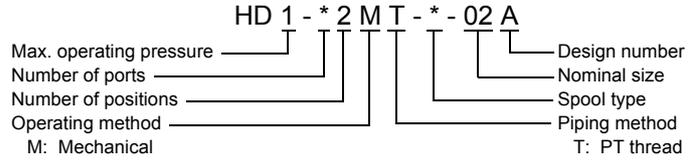
This type of valve switches the direction of flow of hydraulic fluid by pushing down the cam plunger.

⚠ Cautions on Use

Please read the Instruction Manual carefully to ensure correct usage.

- The edge angle of the dog (cam) should be 30-deg. or less.

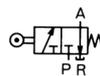
MODEL DESIGNATION



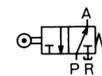
Nominal Size	Rated Flow (L/min)	Max. Operating Pressure (MPa)	Cam Pushing-down Force (N)	Permissible Back Pressure (MPa)	Model
02	6	7	120	0.2	HD1-42MT-BcA-02A
					HD1-32MT-1-02A
					HD1-32MT-2-02A



HD1-42MT-BcA-02A

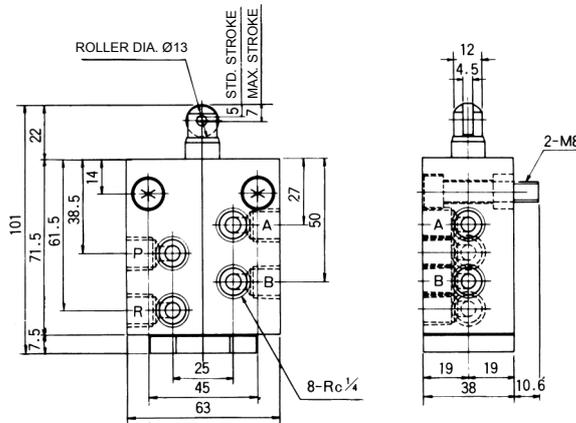


HD1-32MT-1-02A

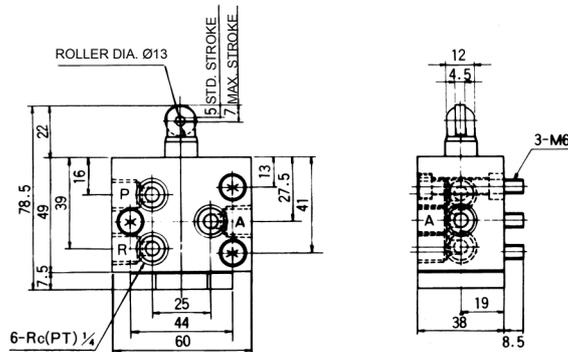


HD1-32MT-2-02A

• HD1-42MT-BcA-02A



• HD1-32MT-*-02A



MASS: HD1-42MT-BcA-02A: 1.2 kg
 HD1-32MT-*-02A: 0.8 kg

MECHANICAL DIRECTIONAL CONTROL VALVE (HD3) SIZE 03



This type of valve switches the direction of flow of hydraulic fluid by pushing down the cam plunger.

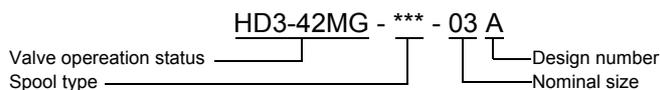
Operation of the cam plunger, instead of a spool movement driven by the solenoid, switches the direction of flow.

⚠ Cautions on Use

Please read the Instruction Manual carefully to ensure correct usage.

- The valve has interchangeability with the solenoid valves of the 03A series.
- If valves other than those indicated below are required, please consult us.
- If subplate SHD03-***T(A) is necessary, please order one separately.
- The edge angle of the dog (cam) should be 30-deg. or less.
- Finish the mounting faces to the same quality as the valve faces (3.2 μmRz).

MODEL DESIGNATION



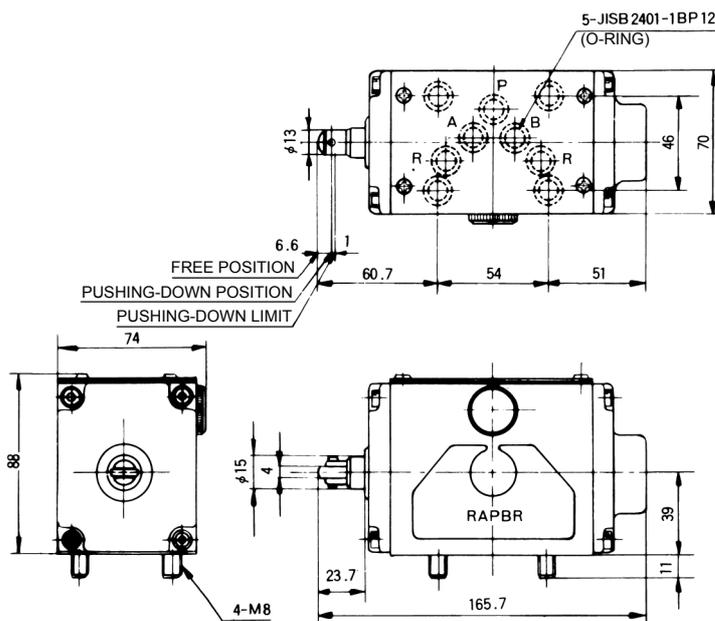
SPECIFICATIONS

For , refer to the table below.

Nominal Size	Rated Flow (L/min)	Max. Flow (L/min)	Max. Operating Pressure (MPa)	Cam Pushing-down Force (N)	Permissible Back Pressure (MPa)	Model
03	40	50	21	180	3	HD3-42MG- -03A

<p>BcA</p>	<p>BgA</p>	<p>KcP</p>
<p>BdA</p>	<p>Bd1A</p>	

● HD3-42MG-***-03A



MASS: 3.0 kg

- FOR SUBPLATES, REFER TO THE FOLLOWING PAGES.
 SHD03-***T1A: PAGE 302
 SHD03-***T3: PAGE 306