

# Equipment

## Distributing valve and distributing valve accessories

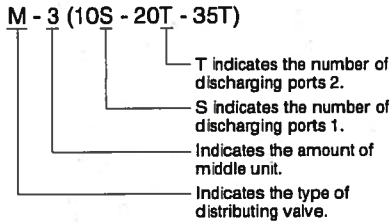
### Overview

Distributing valve is available in six types, i.e. MJN, M, MX, MO, MXO and MG. Distributing valve consists of supply element, end element, intermediate element (minimum 3 - maximum 8) and gasket.

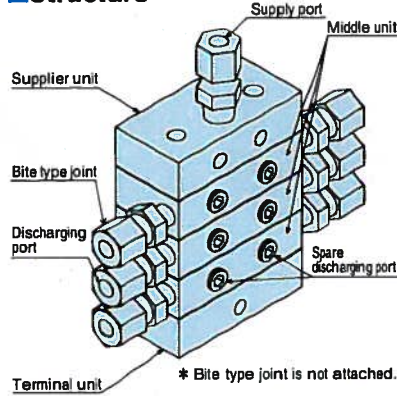
### Feature

1. Progress operation system
2. Piping is done by single line.
3. It is possible to install an alarm indicator.
4. The valve incorporates operating part, and is robust and resistant against water and dust.
5. You can select the number of discharging ports in a broad range from 2 (minimum) to 16 (maximum) for each assembly of distributing valve.
6. Various piston sizes are available corresponding to the dimension of lubricating point, which enables lubrication of appropriate amount.

### Description of type symbol



### Structure

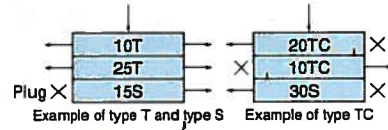


Distributing valve consists of supplier unit, end unit, and middle units at least 3 to 8 at the maximum. Joining surface of each middle unit is partitioned by gasket. Each middle unit is equipped with check valve to prevent backflow of lubricant. Discharging port is normally located on the side of distributing valve as shown above, while spare discharging port can be used if location on the top of distributing valve is desired.

### Type of discharging port

**[Type T, Type S, Type TC, Type SC]**  
Distributing valve has two discharging ports for each middle unit, as is seen by operation principle, and indicates to that effect by stamping of "T" (twin). In relation to discharge port number and discharging amount, middle unit can be used of which two discharging ports on the right and left are connected in such middle unit, and grease amount discharged from both discharging ports are joined to be emitted from one of discharging ports. In this case, this middle unit is stamped with "S" (single) which shows that it has only one discharging port, and unused discharging port is plugged. Therefore, type S has discharging amount double that of type T.

In the same way, the valve of which neighboring middle units is connected through the path inside and only one discharging port is used is stamped with "C" (cross-port), and "I" is stamped on the interface with relating middle unit.



Be sure to use two discharging ports on the middle unit of type T. (If either one is plugged, the whole distributing valve does not operate.)

Be sure to use one discharging port on the middle unit of type S. (Plug either one. If both are used, grease flows only to a port with smaller resistance.)

Distributing valve used for centralized lubricating system is classified as shown below in terms of dimension and structure, while basic structure and operation principle are common to six types (MJN, M, MX, MO, MXO, and MG).

TF-B:  
M-5(35S  
30S  
20T  
20T  
20T)

### Specification

Size	Distributing valve type	Amount of intermediate unit	Number of discharging ports	Discharging amount per port (cm <sup>3</sup> /stroke)	Supplying element port diameter	Discharging port diameter	Incorporated check valve	Application	Maximum working pressure (MPa)
Small	MJN	Minimum 3 - Maximum 8	Minimum 2 - Maximum 16	0.082 - 0.492	Rc <sup>1</sup> / <sub>8</sub>	Rc <sup>1</sup> / <sub>8</sub>	Provided	Grease and oil	14
Middle	M			0.164 - 1.148	Rc <sup>1</sup> / <sub>4</sub>	Rc <sup>1</sup> / <sub>8</sub>			
Large	MX			0.410 - 4.920	Rc <sup>3</sup> / <sub>8</sub>	Rc <sup>1</sup> / <sub>4</sub>			
Middle	MO	Minimum 3 - Maximum 8	Minimum 2 - Maximum 16	0.164 - 1.148	Rc <sup>1</sup> / <sub>4</sub>	Rc <sup>1</sup> / <sub>8</sub>	Not provided	For circulating lubrication	10 (oil)
Large	MXO			0.410 - 4.920	Rc <sup>3</sup> / <sub>8</sub>	Rc <sup>1</sup> / <sub>4</sub>			
Extra large	MG			Minimum 3 - Maximum 8	Minimum 2 - Maximum 16	2.460 - 19.680			