

# 5 PORT SOLENOID VALVE

TACO 495Y SERIES (Rc<sup>1/4</sup>, Rc<sup>3/8</sup>)

IN-LINE TYPE

Pilot operated spool valve



SINGLE SOLENOID



DOUBLE SOLENOID

## SPECIFICATIONS

FLUID	Filtered Compressed Air
OPERATING PRESSURE	0.2 ~ 0.95MPa (Internal Pilot Supply type)
	0 ~ 0.95MPa (External Pilot Supply type)
AMBIENT TEMPERATURE	5 ~ 50°C
LUBRICANTS	ISO VG 32 turbine oil, or equivalent oil is recommended.
MANUAL OPERATION	Manual push button/Non-lock type
RATED VOLTAGE	<ul style="list-style-type: none"> <li>• AC-100V 50/60Hz, 110V 60Hz</li> <li>• AC-200V 50/60Hz, 220V 60Hz</li> <li>• DC-24V                      • DC-100V</li> </ul>
VOLTAGE ALLOWANCE	-15 ~ 10%
INSULATION GRADE	Class B

## BASIC MODEL NOS. & OTHERS

Pipe Size	Function		MODEL NUMBER	Effective Area [mm <sup>2</sup> ] < Cv value >	Mass [kg]
	Position	Solenoid & Function	DIN type Connector		
Rc <sup>1/4</sup>	2 position	Single Solenoid	MVS-495-02Y	35 < 1.9 >	0.6
Rc <sup>3/8</sup>			MVS-495-03JY		
Rc <sup>1/4</sup>		Double Solenoid	MVD-495-02Y		0.8
Rc <sup>3/8</sup>			MVD-495-03JY		
Rc <sup>1/4</sup>	3 position	Closed Center	MVD-435-02Y		1.0
Rc <sup>3/8</sup>			MVD-435-03JY		
Rc <sup>1/4</sup>		Exhaust Center	MVD-445-02Y		
Rc <sup>3/8</sup>			MVD-445-03JY		
Rc <sup>1/4</sup>		Pressure Center	MVD-455-02Y		
Rc <sup>3/8</sup>			MVD-455-03JY		

## HOW TO ORDER

MV  - 4  5 -  Y

①      ②      ③      ④ ⑤ ⑥ ⑦ ⑧

PRODUCT TYPE: 495Y SERIES

- ① **Nos. of Solenoid**
- |   |                 |
|---|-----------------|
| S | Single Solenoid |
| D | Double Solenoid |
- ② **Positions & Function**
- |   |                            |
|---|----------------------------|
| 9 | 2 position Single/Double   |
| 3 | 3 position Closed Center   |
| 4 | 3 position Exhaust Center  |
| 5 | 3 position Pressure Center |
- ③ **Pipe Size**
- |     |                                 |
|-----|---------------------------------|
| 02  | Rc <sup>1/4</sup>               |
| 03J | Rc <sup>3/8</sup> (over ported) |
- ④ **Solenoid Electricity**
- |     |                   |
|-----|-------------------|
| NIL | For AC use (Std.) |
| H   | For DC use        |

- ⑤ **Use**
- |     |          |
|-----|----------|
| NIL | Standard |
|-----|----------|
- ⑥ **Pilot Air Supply**
- |     |                           |
|-----|---------------------------|
| NIL | Internal pilot air supply |
| P   | External pilot air supply |
- ⑦ **Accessory**
- |     |                                   |
|-----|-----------------------------------|
| NIL | Manual push button/Non-lock type  |
| R   | Lock type manual operation button |
| S   | DIN connector with pilot lamp     |
- ⑧ **Rated Voltage**
- |         |                            |
|---------|----------------------------|
| AC-100V | AC-100V 50/60Hz, 110V 60Hz |
| AC-200V | AC-200V 50/60Hz, 220V 60Hz |
| DC-24V  | DC-24V                     |
| DC-100V | DC-100V                    |