

Parts compatible with other variations

OGD*0V/MGD*0V Series

Custom order

Model	Variations
OGD10V OGD20V MGD10V MGD20V	Body options (pages 28 to 32) ● Connection ● Port shape combination ● Handle color
	Safety specification options (page 33) ● Locking mechanism ● Double action mechanism

How to order OGD-V, MGD-V Series options

○ GD 1 0V - 4 RJ - MF - K

Model No.

	O	G	M	G
	D	D	D	D
	1	2	1	2

A Model

B Size

C Port size

D Connection

E Port shape combination

F Handle color

Symbol	Descriptions	OGD 1	OGD 2	MGD 1	MGD 2
A Model					
O	Manual (snap action)	●	●		
M	Manual (round handle)			●	●
B Size					
1	1/4"	●		●	
2	3/8"		●		●
C Port size					
4	1/4"	●		●	
6	3/8"		●		●
8	1/2"		●		●
D Connection					
RJ	JXR female joint (with bearing)	●	●	●	●
R	JXR female joint	●	●	●	●
RM	JXR male joint	●	●	●	●
W	Automatic welded joint	●	●	●	●
S	Double barbed joint	●	●	●	●
E Port shape combination					
2 way valve					
Blank	IN, OUT Same joint type	●	●	●	●
MF	IN: Male, OUT: Female	●	●	●	●
FM	IN: Female, OUT: Male	●	●	●	●
3-way separate flow valve					
FFF	abc female/female/female	●	●	●	●
FFM	abc female/female/male	●	●	●	●
FMM	abc female/male/male	●	●	●	●
MMM	abc male/male/male	●	●	●	●
WWW	abc automatic welded joint	●	●	●	●
□□□	abc □/□/□ *1	●	●	●	●
F Handle color					
K	Black	●	●	●	●
B	Blue	●	●	●	●
Y	Yellow	●	●	●	●
R	Red	●	●	●	●

Handle color

- Black (-K)
- Red (-R)
- Blue (-B)
- Yellow (-Y)



Specifications

Refer to specification pages for each series.

D Connection

Symbol	RJ	R	RM	W	S
2 way valve					
Blank	●	●	●	●	●
MF	●	●			
FM	●	●			
3-way separate flow valve					
FFF	●	●			
FFM	●	●			
FMM	●	●			
MMM			●		
WWW				●	
□□□	●	●		●	

*1 F: Female, M: Male, W: Automatic welded joint, all joints can be combined.

OGD10V
MGD10V 2 way valve

Custom order

Dimensions

- OGD10V-4RJ-K (B, Y, R) (1/4" JXR female joint (with bearing) type)
- OGD10V-4W-K (B, Y, R) (1/4" automatic welded joint type)
- MGD10V-4RJ-K (B, Y, R) (1/4" JXR female joint (with bearing) type)
- MGD10V-4R-K (B, Y, R) (1/4" JXR female joint type)
- MGD10V-4RM-K (B, Y, R) (1/4" JXR male joint type)
- MGD10V-4W-K (B, Y, R) (1/4" automatic welded joint type)
- MGD10V-4S-K (B, Y, R) (1/4" double barbed joint type)

Figure shows OGD10V-4RJ-K
Female joint (with bearing)

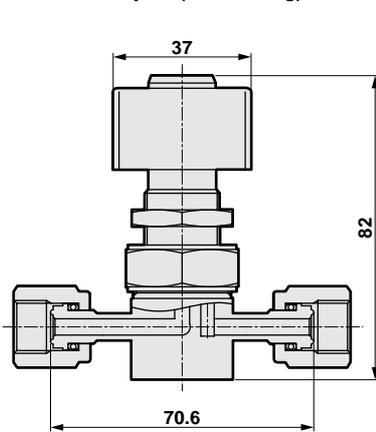
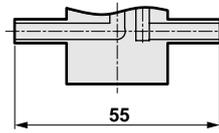
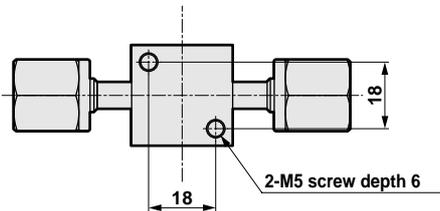
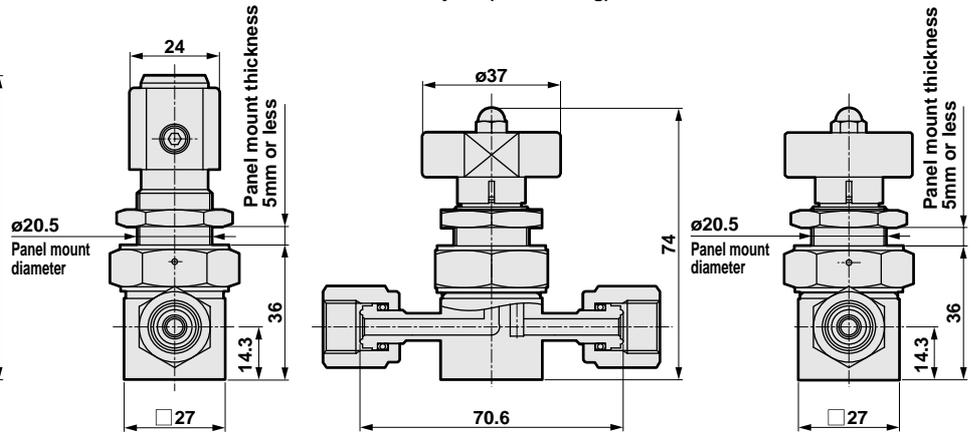
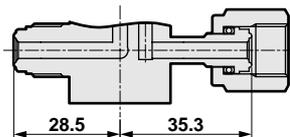


Figure shows MGD10V-4RJ-K
Female joint (with bearing)

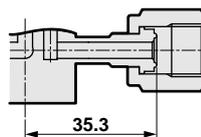


Welded joint: 4W

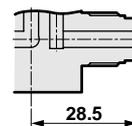
- OGD10V-4RJ-^{FM}/_{MF}-K (B, Y, R) (1/4" JXR female (with bearing) - male combination type)
- OGD10V-4R-^{FM}/_{MF}-K (B, Y, R) (1/4" JXR female - male combination type)
- MGD10V-4RJ-^{FM}/_{MF}-K (B, Y, R) (1/4" JXR female (with bearing) - male combination type)
- MGD10V-4R-^{FM}/_{MF}-K (B, Y, R) (1/4" JXR female - male combination type)



Female joint (with bearing)



Female joint: 4R



Male joint: 4RM

OGD10V
MGD10V 3-way separate flow valve

Custom order

Dimensions

- OGD10V-4RJ-□□□-K (B, Y, R) (1/4" JXR female joint (with bearing) combination type)
- OGD10V-4R-□□□-K (B, Y, R) (1/4" JXR female joint combination type)
- OGD10V-4RM-MMM-K (B, Y, R) (1/4" JXR male joint type)
- OGD10V-4W-□□□-K (B, Y, R) (1/4" automatic welded joint combination type)
- MGD10V-4RJ-□□□-K (B, Y, R) (1/4" JXR female joint (with bearing) combination type)
- MGD10V-4R-□□□-K (B, Y, R) (1/4" JXR female joint combination type)
- MGD10V-4RM-MMM-K (B, Y, R) (1/4" JXR male joint type)
- MGD10V-4W-□□□-K (B, Y, R) (1/4" automatic welded joint combination type)

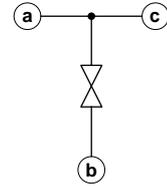


Figure shows OGD10V-4RJ-FFF-K
Female joint (with bearing)

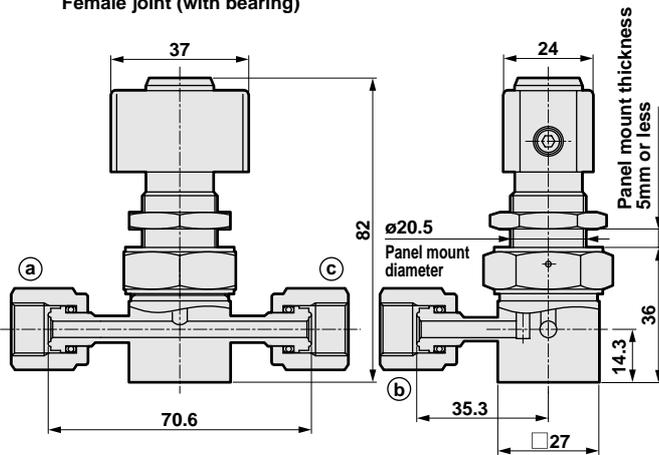
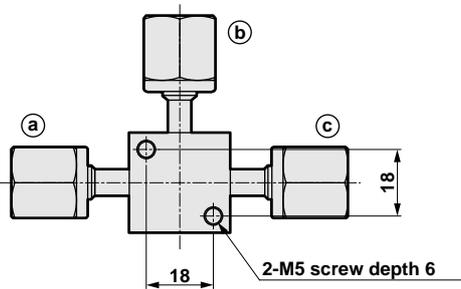
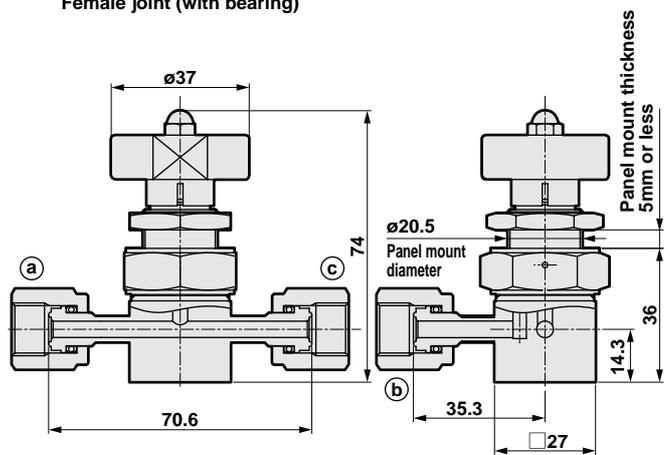
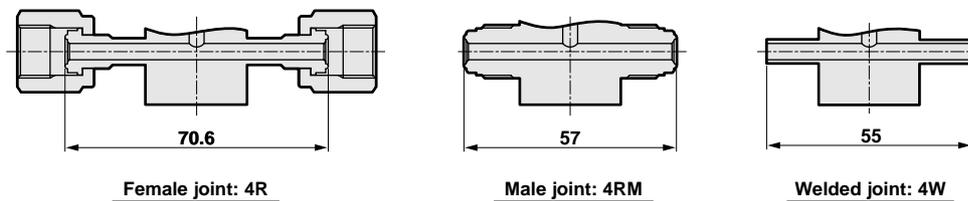


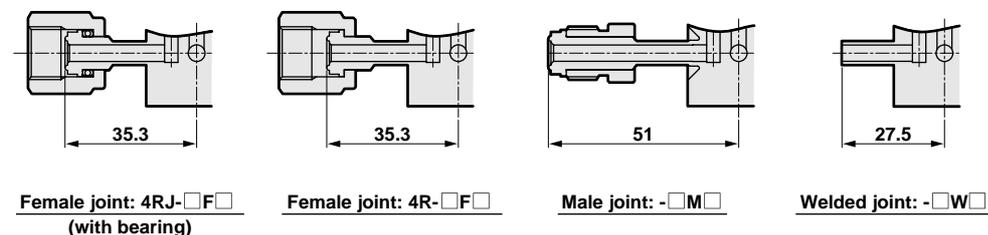
Figure shows MGD10V-4RJ-FFF-K
Female joint (with bearing)



<Main port >



<Branch port >



OGD20V
MGD20V 2 way valve

Custom order

Dimensions

- **OGD20V-6RJ-K** (B, Y, R) (3/8" JXR female joint (with bearing) type)
- **OGD20V-6W-K** (B, Y, R) (3/8" automatic welded joint type)
- **MGD20V-6RJ-K** (B, Y, R) (3/8" JXR female joint (with bearing) type)
- **MGD20V-6R-K** (B, Y, R) (3/8" JXR female joint type)
- **MGD20V-6RM-K** (B, Y, R) (3/8" JXR male joint type)
- **MGD20V-6W-K** (B, Y, R) (3/8" automatic welded joint type)
- **MGD20V-6S-K** (B, Y, R) (3/8" double barbed joint type)

·The 1/2-inch size is also available. The face-to-face distance is the same as the 3/8-inch size. (This does not apply to the double-barbed joint.)

Figure shows OGD20V-6RJ-K
Female joint (with bearing)

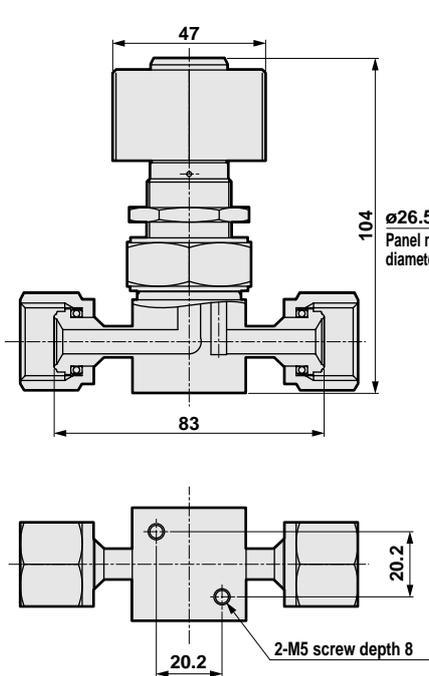
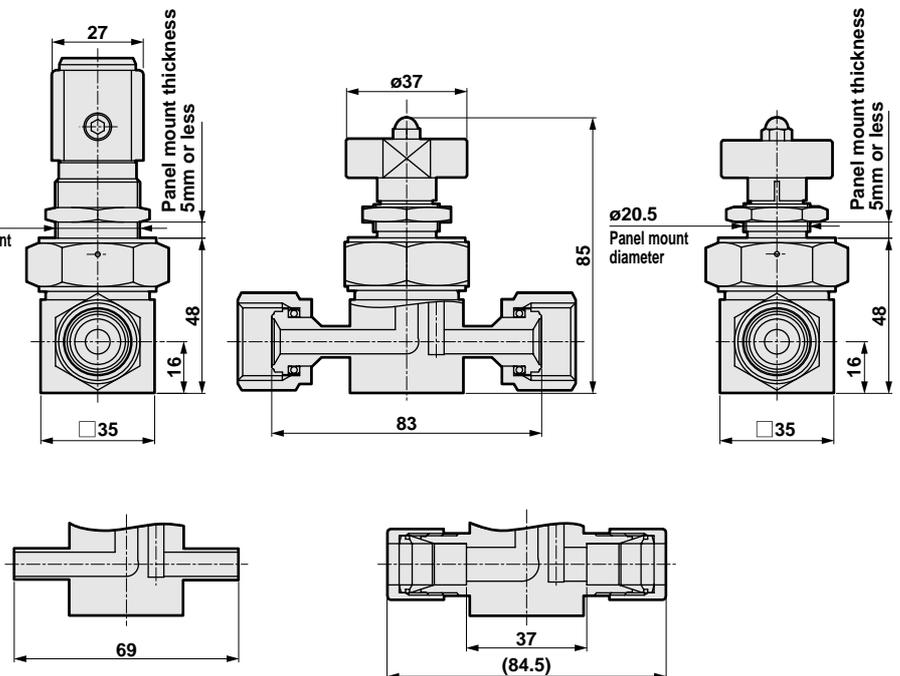


Figure shows MGD20V-6RJ-K
female joint (with bearing)

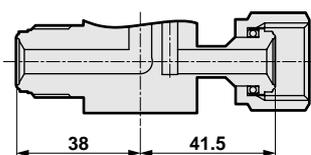


Welded joint: 6W

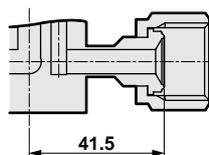
Double barbed joint: 8S

- **OGD20V-6RJ-^{FM}_{MF}-K** (B, Y, R) (3/8" JXR female (with bearing) - male combination type)
- **OGD20V-6R-^{FM}_{MF}-K** (B, Y, R) (3/8" JXR female - male combination type)
- **MGD20V-6RJ-^{FM}_{MF}-K** (B, Y, R) (3/8" JXR female (with bearing) - male combination type)
- **MGD20V-6R-^{FM}_{MF}-K** (B, Y, R) (3/8" JXR female - male combination type)

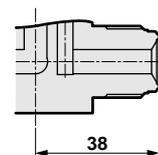
·The 1/2-inch size is also available. The face-to-face distance is the same as the 3/8-inch size.



Female joint: 6RJ (with bearing)



Female joint: 6R



Male joint: 6RM

OGD20V
MGD20V 3-way separate flow valve

Custom order

Dimensions

- OGD20V-6RJ- (3/8" JXR female joint (with bearing) combination type)
- OGD20V-6R- (3/8" JXR female joint combination type)
- OGD20V-6RM- (3/8" JXR male joint type)
- OGD20V-6W- (3/8" automatic welded joint combination type)
- MGD20V-6RJ- (3/8" JXR female joint (with bearing) combination type)
- MGD20V-6R- (3/8" JXR female joint combination type)
- MGD20V-6RM- (3/8" JXR male joint type)
- MGD20V-6W- (3/8" automatic welded joint combination type)

.The 1/2-inch size is also available. The face-to-face distance is the same as the 3/8-inch size.

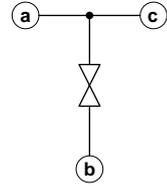
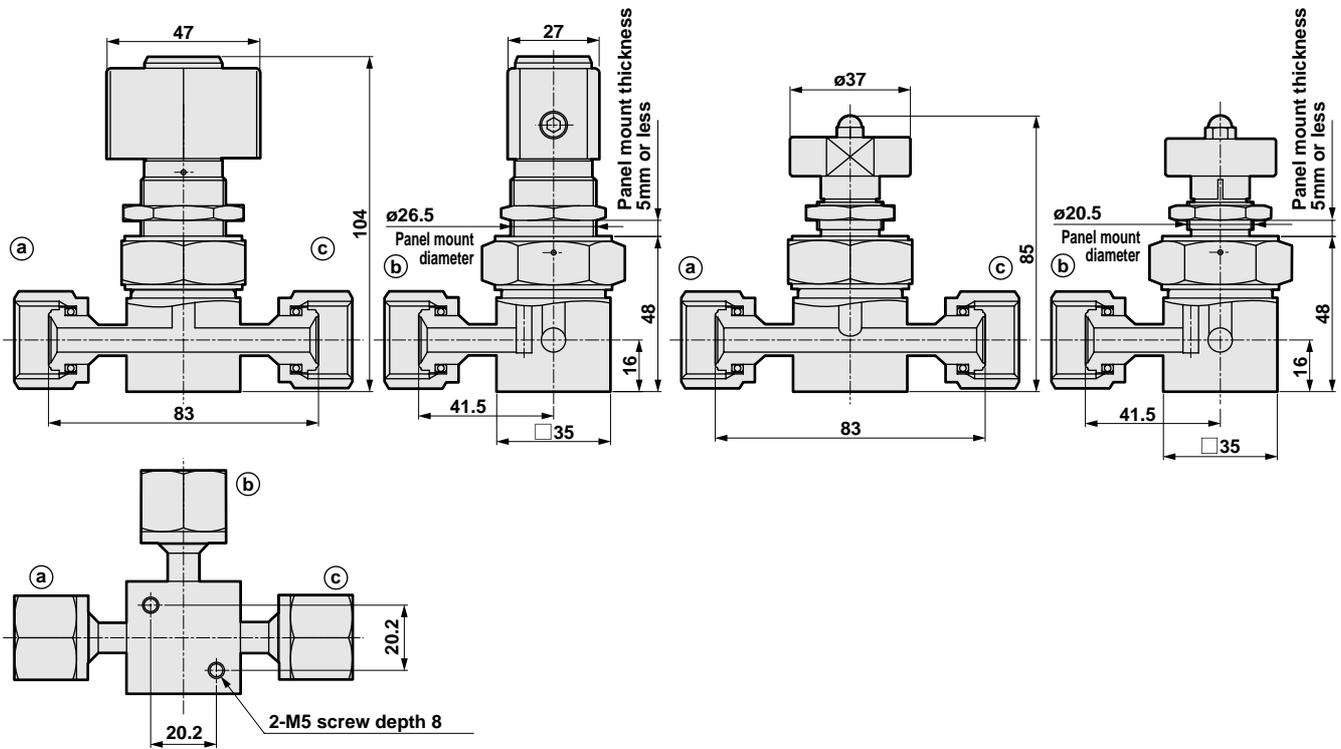
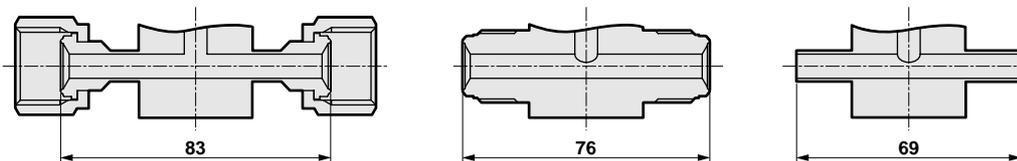


Figure shows OGD20V-6RJ-FFF
female joint (with bearing)

Figure shows MGD20V-6RJ-FFF
female joint (with bearing)



<Main port >

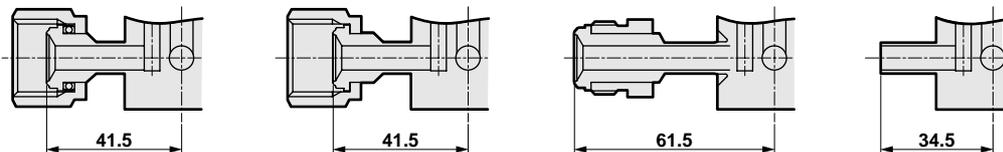


Female joint: 6R

Male joint: 6RM

Welded joint: 6W

<Branch port>



Female joint: 6RJ-□F□
(with bearing)

Female joint: 6R-□F□

Male joint: -□M□

Welded joint: -□W□