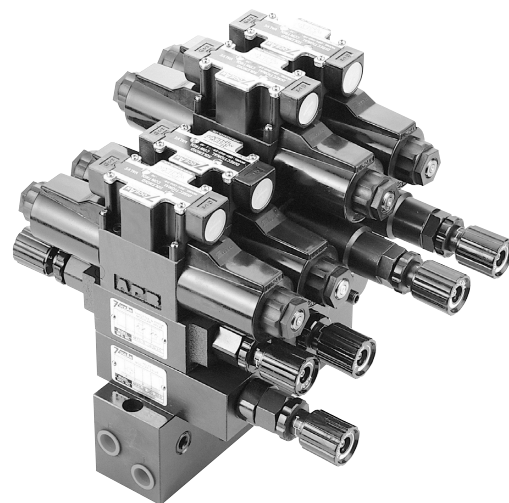


MODULAR VALVE SERIES

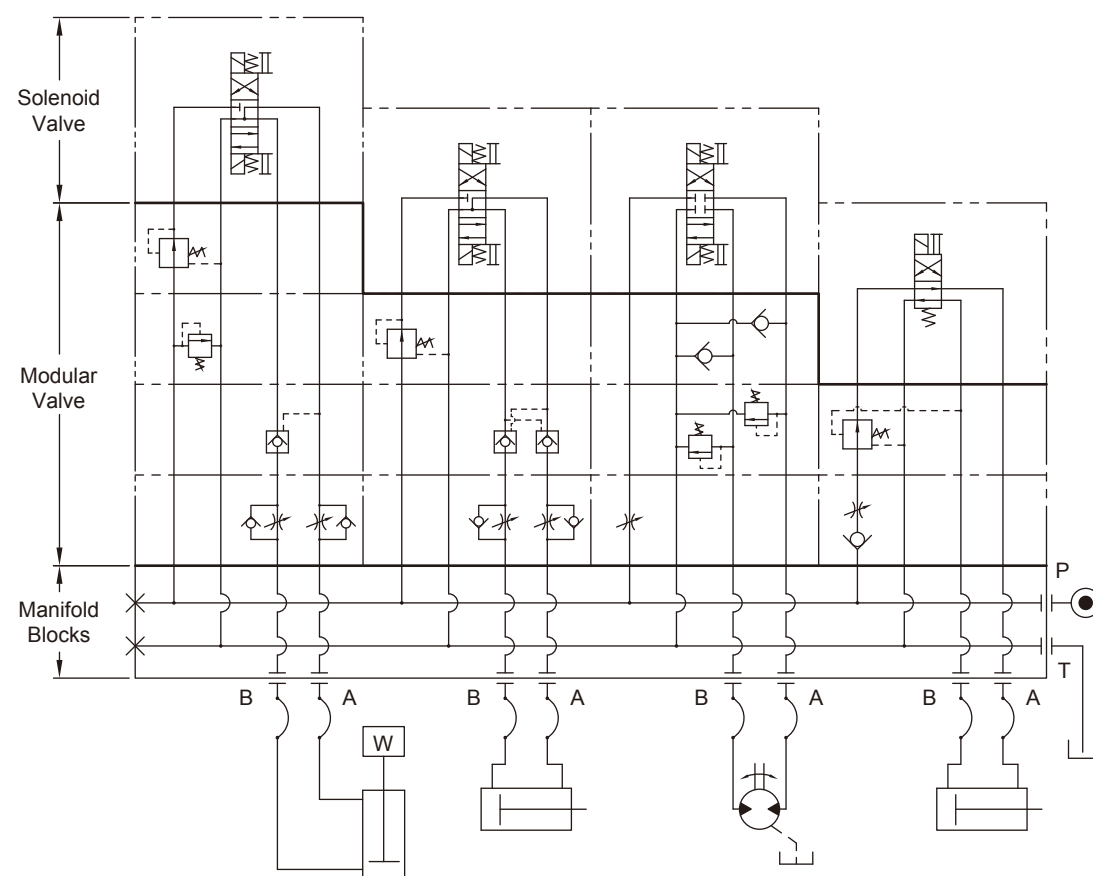
SANDWICH PLATE DESIGN O2 SIZE 6

FEATURES :

- Highest performance in NG 6.
- Compacting stacking valves.
- Eliminating intervalve piping and fittings.
- Reducing leakage and installation costs.
- Max. Operating Pressure: 32 MPa.
- Max. Flow: 50 L/min.
- Connections to DIN, ISO and CETOP



STACKING EXAMPLE :



MODULAR VALVE SERIES

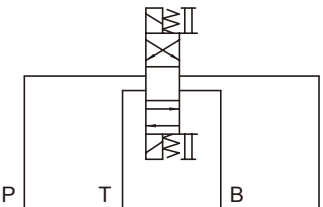
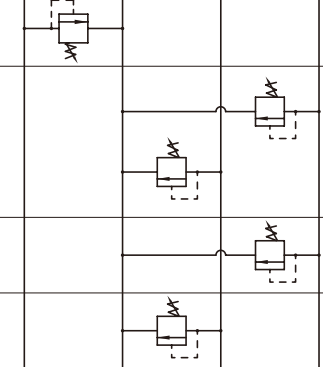
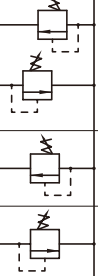
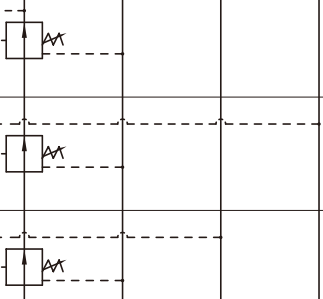
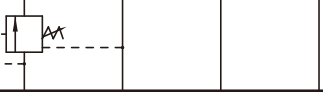
SANDWICH PLATE DESIGN O2 SIZE 6

CARE IN APPLICATION :

Valve Name	Wrong Example	Correct Example	Instructions
Solenoid Operated Directional Control Valve Pilot Operated Check Valve (MPC-02-W-*-10) Pressure Reducing Valve (MGV-02-B-*-10)			When MGV-02-B and MPC-02-W are used together in the same circuit, the right circuit is correct, and the left is wrong, as MPC-02-W would not be totally closed.
Solenoid Operated Directional Control Valve Flow Regulator with Metered Out Check (MTC-02-W-O-10) Pilot Operated Check Valve (MPC-02-W-*-10)			When MTC-02-W-O and MPC-02-W are used together in the same circuit, MTC-02-W-O should be installed closer to the cylinder ports, otherwise the cylinder may have a "knocking" phenomenon happened.
Solenoid Operated Directional Control Valve Flow Regulator with Metered Out Check (MTC-02-W-O-10) Pressure Reducing Valve (MGV-02-B-*-10)			When MGV-02-B and MTC-02-W-O are used together in the same circuit, the right circuit is correct, and the left is wrong, as the function of MGV-02-B from B port to T port. Because MTC-02-W-O will create a pressure which will cause MGV-02-B to reduce the pressure too low, and the cylinder then can not operate with enough force or move smoothly.

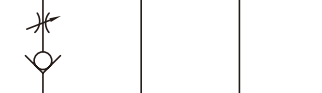
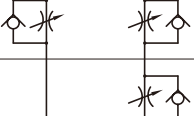
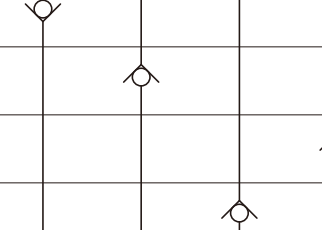
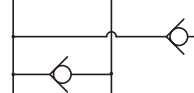
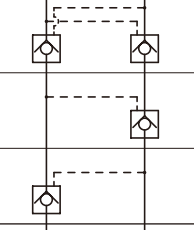
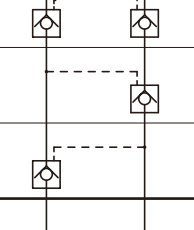
MODULAR VALVE SERIES
SANDWICH PLATE DESIGN O2 SIZE 6

LIST OF MODULAR VALVE SERIES :

Classifi- -cation	Valve Name	Valve Model	Pressure Adjusting Range (bar)	Max. Flow (L/min)	Hydraulic Symbol	Weight (kg)	Refer Page
Directional Control Valve	Solenoid Valve	DSV-G02-*-*-20	250	80			
		DG03-*-*-82	320				
Pressure Control Valve	Relief Valve (Balance Type)	MRV-02-P-*-10	0:7~35	50		1.5	102
		MRV-02-W-*-10	1:7~70			2.3	
		MRV-02-A-*-10	2:7~140			1.6	
		MRV-02-B-*-10	3:7~210			1.6	
	Brake Valve (Direct type)	MBV-02-W-*-10	1:8~70	20		1.5	105
		MBV-02-A-*-10	3:35~210			1.4	
		MBV-02-B-*-10				1.4	
	Reducing Valve (Direct type)	MGV-02-P-*-10	0:1.5~35	40		1.3	108
		MGV-02-A-*-10	1:7~70			1.3	
		MGV-02-B-*-10	2:7~140			1.3	
			3:7~210				
	Counter Balance Valve	MCB-02-A1-*-10	1:8~70	40		1.1	111
		MCB-02-B1-*-10	2:35~140			1.1	
	Sequence Valve	MSV-02-P2-*-10	1:8~70 3:35~210	40		1.1	114

MODULAR VALVE SERIES
SANDWICH PLATE DESIGN O2 SIZE 6

LIST OF MODULAR VALVE SERIES :

Classifi- -cation	Valve Name	Valve Model	Pressure Adjusting Range (bar)	Max. Flow (L/min)	Hydraulic Symbol	Weight (kg)	Refer Page
Flow Control Valve	Flow Regulator Valve	MTV-02-P-10		50		0.99	117
		MTV-02-T-10				0.99	
	Flow Regulator with Check Valve	MTC-02-P-10	(Cracking Pressure: 0.4)	50		1.0	120
	Flow Regulator with Metered Out Check	MTC-02-W-O-10	(Cracking Pressure: 0.8)	50		1.3	123
		MTC-02-A-O-10				1.2	
		MTC-02-B-O-10				1.2	
	Flow Regulator with Metered In Check	MTC-02-W-I-10	(Cracking Pressure: 0.8)	50		1.3	123
		MTC-02-A-I-10				1.2	
		MTC-02-B-I-10				1.2	
Directional Control Valve	Check Valve	MCV-02-P-*-10	(Cracking Pressure: 1: 0.4 2: 3.5 3: 5.0)	50		0.97	127
		MCV-02-T-*-10				0.97	
		MCV-02-A-*-10				1.2	
		MCV-02-B-*-10				1.2	
	Vacuum Check Valve	MAC-02-W-10	(Cracking Pressure: 0.15)	50		1.03	130
	Pilot Check Valve	MPC-02-W-*-10	(Cracking Pressure: 1: 2 2: 5)	50		1.2	133
		MPC-02-A-*-10				1.2	
		MPC-02-B-*-10				1.2	
	Pilot Check Valve (With shock prevent mechanism)	MPD-02-W-*-10	(Cracking Pressure: 1: 2 2: 5)	50		1.2	136
		MPD-02-A-*-10				1.2	
		MPD-02-B-*-10				1.2	
Modular Block	Manifold Block	MFB-02-*-10		50			139