

# 6600 SERIES

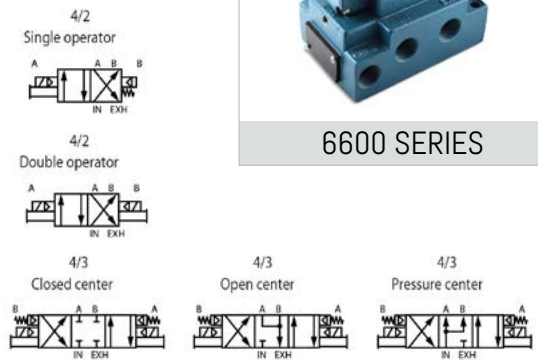
The MAC 6600 series are a versatile 4-way solenoid piloted spool valve. This series feature our balanced poppet in the pilot and an air/spring return for constant shifting regardless of inlet pressure fluctuations. Our balanced spool means the valve can be piped as a 4-way, 3-way or 2-way, normally closed or normally open or can be used for vacuum, diverter or selector applications. Our one piece bonded seal spool means longer life and easy maintenance. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

**Stock Part Number:** 6611-A-000-PM-391DA

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
4/2, 4/3	3/4" - 1"	9.6 Cv	Int.: sgle. op. & 3 pos.: 25-150PSI, dble op.: 10-150PSI Ext.: vac. to 150PSI	Sub-Base Non 'Plug-In'

### OPERATIONAL BENEFITS

- Balanced spool, immune to variations of pressure.
- Short stroke with high flow.
- High shifting forces.
- Checked accumulator guarantees maximum pilot pressure.
- Powerful return force thanks to the combination of mechanical and air springs.
- Bonded spool with minimum friction, shifting in a glass-like finished bore.
- Wiping effect eliminates sticking.
- Pilot valve with balanced poppet, high flow, short and consistent response times.



### 6600 SERIES

66 X X A - X X X - XX - XX X XX  
 1 2 3 4 5 6 7 8 9

#### 1 - Function

1	Single Solenoid	2	Double Solenoid
3	3 Position Closed Centre	4	3 Position Open Centre
5	3 Position Pressure Centre		

#### 2 - Body Type

1	Plug-In	2	Non Plug-In Or Remote Air
3	Plug-In Lights In Body		

#### 3 - Port Size

0	Valve Only-No Base	2	3/4" Base
3	1" Base	4	3/4" Manifold
5	1" Manifold	6	1 1/4" Manifold

#### 4 - Pilot Air BSP Options

0	Valve Only-No Base	5	Internal Pilot
6	External Pilot	7	Internal Pilot (Sgl. Rem. Air)
8	External Pilot (Double Remote Air)		

#### 5 - Porting Options

0	Valve Only-No Base
1	Single Pressure - No lights
2	Single Pressure with lights (Single Solenoid)
3	Single Pressure with lights (Double Solenoid)
4	Dual Pressure without lights
5	Dual Pressure with lights (Single Solenoid)
6	Dual Pressure with lights (Double Solenoid)

#### 6 - Pilot Exhaust

PM	Pilot Exhaust Muffled
PP	Pilot Exhaust Piped
RA	Remote Air

If RA is selected XX & Y options do not apply. Other AC & DC voltages available. DC wattages from 1.0 up to 17 watts.

#### 7 - Voltage

AC Voltage			
11	120/60, 110/50	22	24/50-60
39	240/50		
DC Voltage			
50	24VDC (6W)	55	12VDC (6W)
57	12VDC (2.5W)	59	24VDC (2.5W)
60	12VDC (8.5W)	61	24VDC (8.5W)

#### 8 - Manual Operators

0	No Operator
1	Non-Locking Recessed (Standard)
2	Locking Recessed
3	Non-Locking Extended
4	Locking Extended

#### 9 - Electrical Connectors

DA	Plug In
JC	Din Square w/Light
JD	Din Rectangle w/Light

## MODIFICATIONS

0002	Bottom inlet, exh, & cyl ports (Side ports plugged) Individual Base 3/4" only.
0004	Full side porting & additional bottom inlet, exh, & cylinder ports. Individual Base 3/4" only.
0112	Side inlet & exhaust w/ bottom cyl. ports (Side cylinder ports plugged) Individual Base 3/4", Manifold Base 3/4" & 1".
0210	1 1/4" bottom inlet. Manifold Base.
0364	1 1/4" bottom inlet, 3/4" or 1" bottom cylinder. Manifold Base.
CLSF	Class F coil option. All voltages.

## NOTE:

1. The valve less base is always the same for internal or external pilot.  
These options are effected in the base or the manifold.
2. Bottom ports: Refer modification table below.
3. To order bases or manifolds without the valve, choose the base or manifold from the above table & options, then add 6600A as a prefix.
4. When ordering an external pilot connection for manifold bases, a common external pilot port is standard. One connection only is require for all the valves in the manifold whether single or double solenoid.
5. MANIFOLD ACCESSORIES: Inlet & exhaust isolator #28367
6. 2 position & 3 position valve bodies are not interchangeable.



SMALL  
3-WAY



LARGE  
3-WAY



SMALL  
4-WAY



LARGE  
4-WAY



ISO  
VALVES



PPC  
VALVES



PULSE  
VALVES



BULLET  
VALVES