

6200 SERIES

The MAC 6200 series is a versatile, 4-way, solenoid-piloted spool valve. Balanced poppet in the pilot and an air/spring return for consistent shifting, regardless of inlet pressure fluctuations. Balanced spool means valve can be piped as a 4-way, 3-way or 2-way, normally closed or normally open, and can be used for vacuum, diverter or selector applications. 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: 6211C-000-PM-111DA

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
4/2, 4/3	1/4" - 3/8"	1.6 Cv	Vac. to 150PSI	Sub-Base

OPERATIONAL BENEFITS

- Balanced spool, immune to variations of pressure.
- Short stroke with high flow.
- High shifting forces.
- 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.



6200 SERIES

62 $\begin{matrix} X & X & C \\ \hline 1 & 2 \end{matrix}$ - $\begin{matrix} X & X & X \\ \hline 3 & 4 & 5 \end{matrix}$ - $\begin{matrix} XX & \\ \hline 6 \end{matrix}$ - $\begin{matrix} XX & X & X \\ \hline 7 & 8 & 9 \end{matrix}$

1 - Function

- | | |
|----------------------------|--------------------------|
| 1 Single Solenoid | 2 Double Solenoid |
| 3 3 Position Closed Centre | 4 3 Position Open 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 | 1 1/4" Base |
| 2 3/8" Base | 4 1/4" Manifold |
| 5 3/8" Manifold | |

4 - Pilot Air - BSPP Options

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

5 - Porting Options

- | | |
|--|----------------------------------|
| 0 Valve Only-No Base | 1 Side Ports without lights |
| 2 Side Ports with lights (Sgl. Sol.) | 3 Side Ports w/lights (Dbl. Sol) |
| 4 Bottom Ports without lights | |
| 5 Bottom Ports with lights (Single Solenoid) | |
| 6 Bottom Ports with lights | |
| 7 Side & bottom Ports without lights* | |
| 8 Side & bottom Ports with lights (Single Solenoid)* | |
| 9 Side & bottom Ports with lights (Double Solenoid)* | |

*Manifold Bases Only

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

<i>AC Voltage</i>	
11 120/60, 110/50	22 24/50-60
39 240/50	
<i>DC Voltage</i>	
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 Resstd. (Std.) |
| 2 Locking Recessed | 3 Non-Locking Extended |
| 4 Locking Extended | |

9 - Electrical Connectors

- | |
|--|
| DA Plug In |
| JC Din Square w/Light (Non Plug-In) |
| JD Din Rectangle w/Light (Non Plug-In) |

MODIFICATIONS

- | | |
|---------|--|
| MOD0210 | Bottom inlet port in addition to side inlet port (manifolds only). |
|---------|--|

NOTE:

- The valve less base is always the same for internal or external pilot. These options are effected in the base or manifold.
- To order bases or manifolds without the valve, choose the base or manifold from the above table & options, then add 6200C as a prefix.
- When ordering an external pilot connection for manifold bases, a common external pilot port is standard. One connection only is required for all the valves in the manifold whether single or double solenoid.
- Manifolds for solenoid and remote air operated valves must be ganged separately.
- Manifold accessories: Inlet & Exhaust Isolators #32839

