

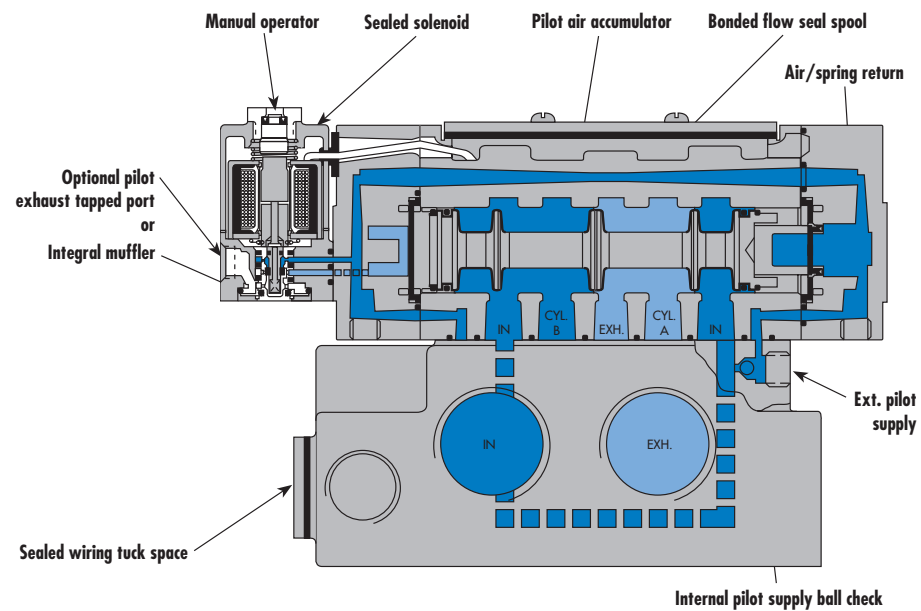
Direct solenoid and solenoid pilot operated valves

Individual mounting

sub-base non "plug-in"	sub-base "plug-in"
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Manifold mounting

sub-base non "plug-in"	sub-base "plug-in"
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SERIES FEATURES

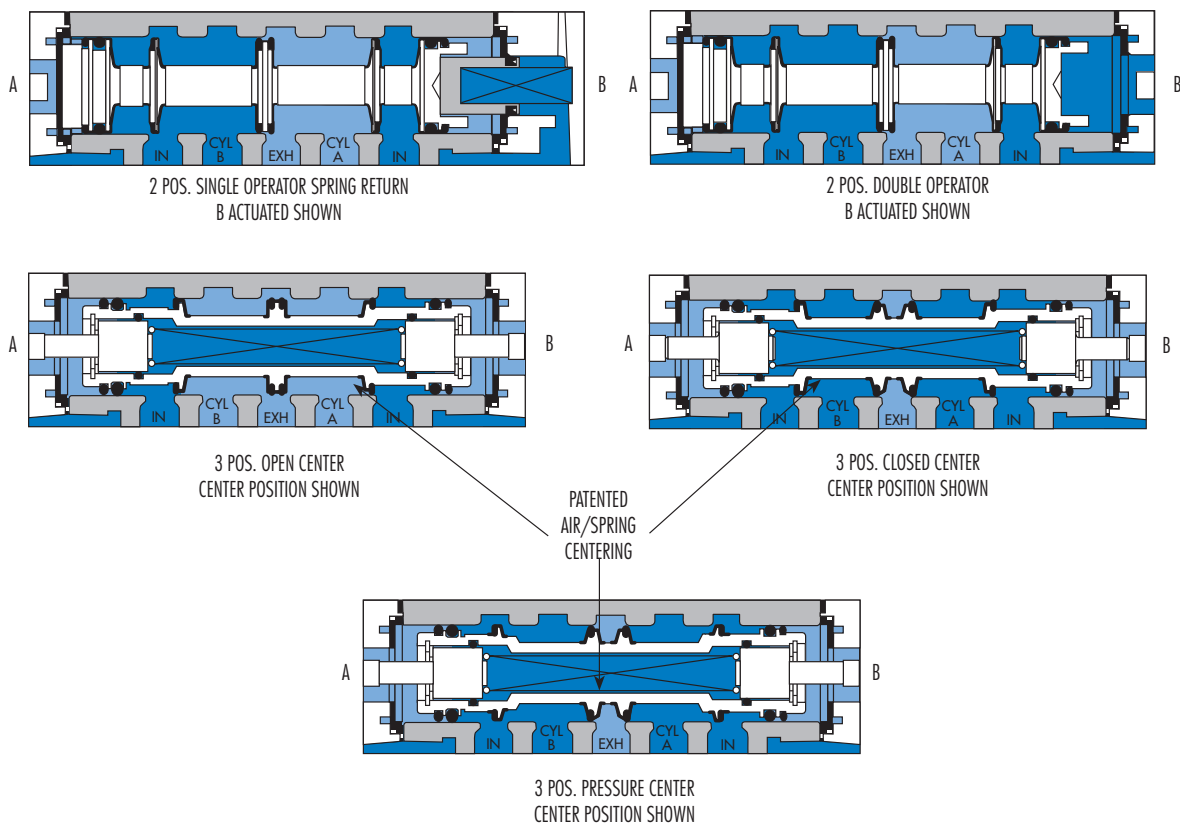
- The patented MACSOLENOID with its non-burn out feature on AC service.
- A large checked accumulator for consistent shifting on single and double solenoid models.
- A plug-in design that provides for internal or external pilot with or without lights and all electrical and air plumbing in the base.
- Non-lubricated or lubricated service.
- Optional low wattage DC solenoids down to 1 watt.
- Optional indicator lights, and various types of manual operators.
- Non plug-in or external plug-in models are available.



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PRODUCTION
TESTED
100%

WARRANTY
18
MONTHS

SPOOL CONFIGURATIONS



VALVE CONFIGURATIONS AVAILABLE

The versatile 6600 Series provides high flow, extremely fast response, and long life in a compact package and is available in the following configurations:

- 2-Pos., single or double operators (solenoid or remote air).
- 3-Pos., double operator-Closed Center, Open Center or Pressure Center (solenoid or remote air).
- Single pressure or dual pressure.
- Individual base.
- Internal pilot or for Vacuum to 1.7 bar main valve pressures, external pilot.
- Manual and mechanical operators available.

REMOTE AIR PILOT OPERATED VALVES

These remote air versions feature:

- A large checked accumulator for air/spring return on single remote air models.
- All piping connections, including the remote air pilot supply, in the base.
- Non-lubricated or lubricated service.

REMOTE AIR PILOT, PILOT OPERATED VALVES

These special air versions have the same features as the remote air pilot operated models, but additionally feature:

- A manual operator and indicator.
- Ability to use a pilot signal pressure different from the main valve pressure. Pilot signal can be from 1.3 to 10 bar, regardless of main valve pressure.

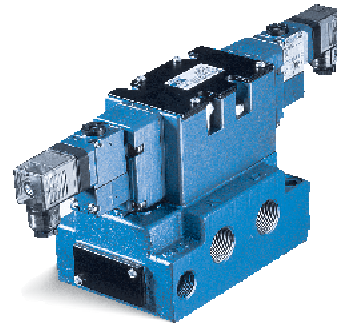


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Individual mounting
4/2 - 4/3	G3/4" - G1"	9600 NI/min	sub-base non "plug-in"

OPERATIONAL BENEFITS

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



HOW TO ORDER

Port size	Pilot air	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base		6612A-000-PM- XXYZZ	6622A-000-PM- XXYZZ	6632A-000-PM- XXYZZ	6642A-000-PM- XXYZZ	6652A-000-PM- XXYZZ
sub-base	Internal	6612A-271-PM- XXYZZ	6622A-271-PM- XXYZZ	6632A-271-PM- XXYZZ	6642A-271-PM- XXYZZ	6652A-271-PM- XXYZZ
G3/4"	External	6612A-281-PM- XXYZZ	6622A-281-PM- XXYZZ	6632A-281-PM- XXYZZ	6642A-281-PM- XXYZZ	6652A-281-PM- XXYZZ
sub-base	Internal	6612A-371-PM- XXYZZ	6622A-371-PM- XXYZZ	6632A-371-PM- XXYZZ	6642A-371-PM- XXYZZ	6652A-371-PM- XXYZZ
G1"	External	6612A-381-PM- XXYZZ	6622A-381-PM- XXYZZ	6632A-381-PM- XXYZZ	6642A-381-PM- XXYZZ	6652A-381-PM- XXYZZ

Note : Above codes shown are for side ports.

SOLENOID OPERATOR ►

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	JB Rectangular connector
12 220V~/50Hz	2 Locking	JD Rectangular connector with light
22 24V~/50Hz		JA Square connector
59 24V~/2,5W		JC Square connector with light
87 24V~/17,1W		BA Flying leads (45 cm)
61 24V~/8,5W		

Note : Photo shown with JC connector.

* Other options available, see page 305.

OPTIONS

6612A-XXX-PM-**XXYZZ**

- For piped pilot exhaust replace M by P.
- For dual pressure valve, replace by 4.

MODIFICATIONS		
MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0002	Bottom inlet, exh. & cyl ports (side ports plugged)	G3/4" individual base
0004	Full side porting and additional. Bottom inlet, exh. & cyl ports	G3/4" individual base
0112	Side inlet & exhaust with bottom cyl. ports (side cyl. ports plugged)	G3/4" individual base

TO ORDER - Add the appropriate modification number after the valve number;

EXAMPLE : 6612A-271-PM-111JA **MOD 0002**

- Note : 1. The valve less base is always the same for internal or external pilot. These options are effected in the base.
2. Bottom ports : Refer to modification table.
3. To order bases without the valve, choose the base from the above table, then add 6600A as a prefix. Example 6600A-271.
4. 2 position and 3 position valve bodies are not interchangeable.



TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.7-10 bar double operator : 0.7-10 bar External pilot : vacuum to 10 bar		
Pilot pressure :	Single operator and 3 positions : 1.7-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min		
Coil :	Epoxy encapsulated - class A wires - Continuous duty		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V=8.5 W	Energize : 18 ms	De-energize : 20 ms
	50Hz/6 W	Energize : 15-25 ms	De-energize : 19-28 ms

Spare parts :

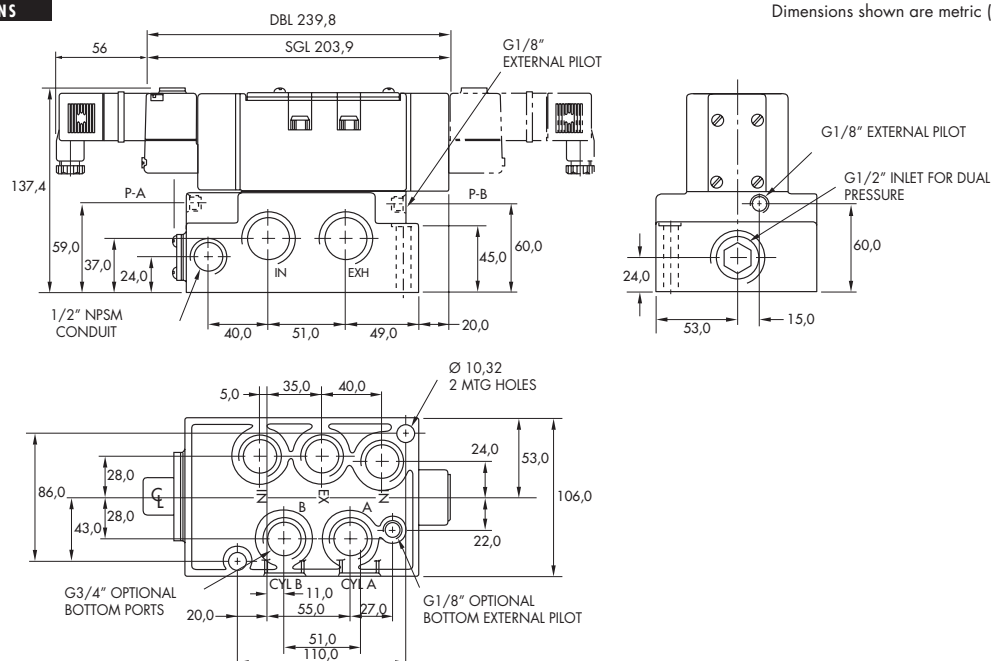
- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
- Pilot valve : PME-XYZZ, including seal 16337. • Pressure seal between valve and base : 16436.
- Mounting screw valve to base (x4) : 35416.

Options :

- NPTF threads.

DIMENSIONS

Dimensions shown are metric (mm)



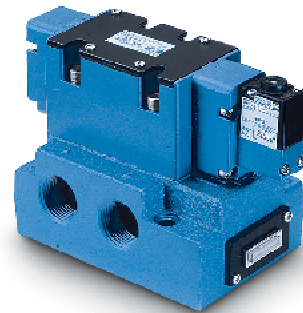


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Individual mounting
4/2 - 4/3	G3/4" - G1"	9600 NI/min	sub-base "plug-in"

OPERATIONAL BENEFITS

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



HOW TO ORDER

Port size	Pilot air	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base		6611A-000-PM- XXY DA	6621A-000-PM- XXY DA	6631A-000-PM- XXY DA	6641A-000-PM- XXY DA	6651A-000-PM- XXY DA
sub-base	Internal	6611A-251-PM- XXY DA	6621A-251-PM- XXY DA	6631A-251-PM- XXY DA	6641A-251-PM- XXY DA	6651A-251-PM- XXY DA
G3/4"	External	6611A-261-PM- XXY DA	6621A-261-PM- XXY DA	6631A-261-PM- XXY DA	6641A-261-PM- XXY DA	6651A-261-PM- XXY DA
sub-base	Internal	6611A-351-PM- XXY DA	6621A-351-PM- XXY DA	6631A-351-PM- XXY DA	6641A-351-PM- XXY DA	6651A-351-PM- XXY DA
G1"	External	6611A-361-PM- XXY DA	6621A-361-PM- XXY DA	6631A-361-PM- XXY DA	6641A-361-PM- XXY DA	6651A-361-PM- XXY DA

Note : Above codes shown are for side ports without lights.

SOLENOID OPERATOR ►

XX Y DA *

XX Voltage	Y Manual operator
11 110V~/50Hz	1 Non-locking
12 220V~/50Hz	2 Locking
22 24V~/50Hz	
59 24V~/2,5W	
87 24V~/17,1W	
61 24V~/8,5W	

* Other options available, see page 305.

OPTIONS

6611A-XXX-PM-**XXY**DA

- For piped pilot exhaust replace M by P.
- For dual pressure valve replace by 4 (no light), by 5 (sgl. light), by 6 (dbl. light).
- For lights on base, replace by 2 (sgl. light), by 3 (dbl. light).
- For lights on valve body, replace by 3.

MODIFICATIONS

MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0002	Bottom inlet, exh. & cyl ports (side ports plugged)	G3/4" individual base
0004	Full side porting and additional bottom inlet, exh. & cyl ports	G3/4" individual base
0112	Side inlet & exhaust with bottom cyl. ports (side cyl.ports plugged)	G3/4" individual base

TO ORDER - Add the appropriate modification number after the valve number;
EXAMPLE : 6611A-251-PM-111DA **MOD 0002**

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- Note : 1. The valve less base is always the same for internal or external pilot. These options are effected in the base.
2. Bottom ports : Refer to modification table.
3. To order bases without the valve, choose the base from the above table, then add 6600A as a prefix. Example 6600A-251.
4. 2 position and 3 position valve bodies are not interchangeable.

Consult "Precautions" page 312 before use, installation or service of MAC Valves.



TECHNICAL DATA

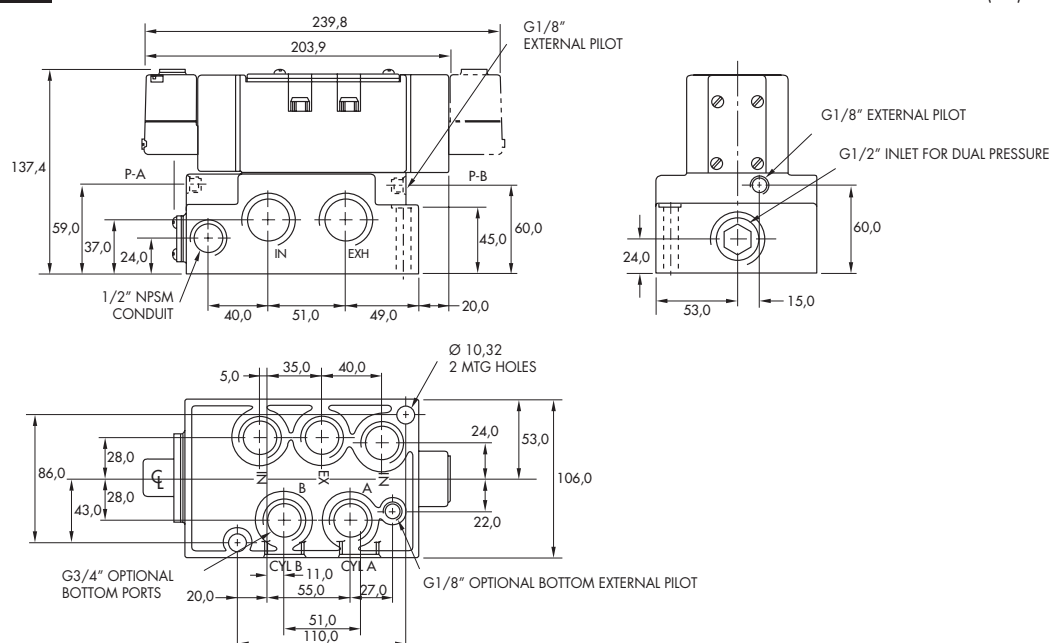
Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.7-10 bar double operator : 0.7-10 bar External pilot : vacuum to 10 bar		
Pilot pressure :	Single operator and 3 positions : 1.7-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min		
Coil :	Epoxy encapsulated - class A wires - Continuous duty		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V=/8.5 W	Energize : 18 ms	De-energize : 20 ms
	50Hz/6 W	Energize : 15-25 ms	De-energize : 19-28 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXBE, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XXYDA-BE, including seal 16337. • Pressure seal between valve and base : 16436.
 - Mounting screw valve to base (x4) : 35416.

- Options :
- NPTF threads.

DIMENSIONS

Dimensions shown are metric (mm)





Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
4/2 - 4/3	G3/4" - G1" - G1 1/4"	9600 NI/min	sub-base non "plug-in"

OPERATIONAL BENEFITS

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

HOW TO ORDER

Port size	Pilot air	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base		6612A-000-PM- XXYYZZ	6622A-000-PM- XXYYZZ	6632A-000-PM- XXYYZZ	6642A-000-PM- XXYYZZ	6652A-000-PM- XXYYZZ
sub-base	Internal	6612A-471-PM- XXYYZZ	6622A-471-PM- XXYYZZ	6632A-471-PM- XXYYZZ	6642A-471-PM- XXYYZZ	6652A-471-PM- XXYYZZ
G3/4"	External	6612A-481-PM- XXYYZZ	6622A-481-PM- XXYYZZ	6632A-481-PM- XXYYZZ	6642A-481-PM- XXYYZZ	6652A-481-PM- XXYYZZ
sub-base	Internal	6612A-571-PM- XXYYZZ	6622A-571-PM- XXYYZZ	6632A-571-PM- XXYYZZ	6642A-571-PM- XXYYZZ	6652A-571-PM- XXYYZZ
G1"	External	6612A-581-PM- XXYYZZ	6622A-581-PM- XXYYZZ	6632A-581-PM- XXYYZZ	6642A-581-PM- XXYYZZ	6652A-581-PM- XXYYZZ
sub-base	Internal	6612A-671-PM- XXYYZZ	6622A-671-PM- XXYYZZ	6632A-671-PM- XXYYZZ	6642A-671-PM- XXYYZZ	6652A-671-PM- XXYYZZ
G1 1/4"	External	6612A-681-PM- XXYYZZ	6622A-681-PM- XXYYZZ	6632A-681-PM- XXYYZZ	6642A-681-PM- XXYYZZ	6652A-681-PM- XXYYZZ

Note : Above codes shown are for side ports.

SOLENOID OPERATOR ►

XX Y ZZ *		
XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	JB Rectangular connector
12 220V~/50Hz	2 Locking	JD Rectangular connector with light
22 24V~/50Hz		JA Square connector
59 24V~/2,5W		JC Square connector with light
87 24V~/17,1W		BA Flying leads (45 cm)
61 24V~/8,5W		

* Other options available, see page 305.

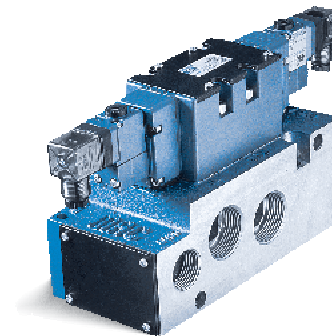
OPTIONS

6612A-XXX-PM- XXYYDA
- For piped pilot exhaust replace M by P.
- For dual pressure valve, replace by 4.

MODIFICATIONS		
MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0210	G1 1/4" Bottom inlet	Manifold base
0364	G1 1/4" Bottom inlet, G3/4" or G1" Bottom cyl.	Manifold base
0112	Side inlet & exhaust with bottom cyl. ports (side cyl.ports plugged)	G1" Manifold base

TO ORDER - Add the appropriate modification number after the valve number;

EXAMPLE : 6612A-471-PM-111JA **MOD 0364**



Note : Photo shown with JC connector.

- Note : 1. The valve less base is always the same for internal or external pilot. These options are effected in the manifold.
2. Bottom ports : Refer to modification table.
3. To order manifolds without the valve, choose the manifold from the above table, then add 6600A as a prefix. Example 6600A-471.
4. 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.
5. 2 position and 3 position valve bodies are not interchangeable.



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WARRANTY
18
MONTHS

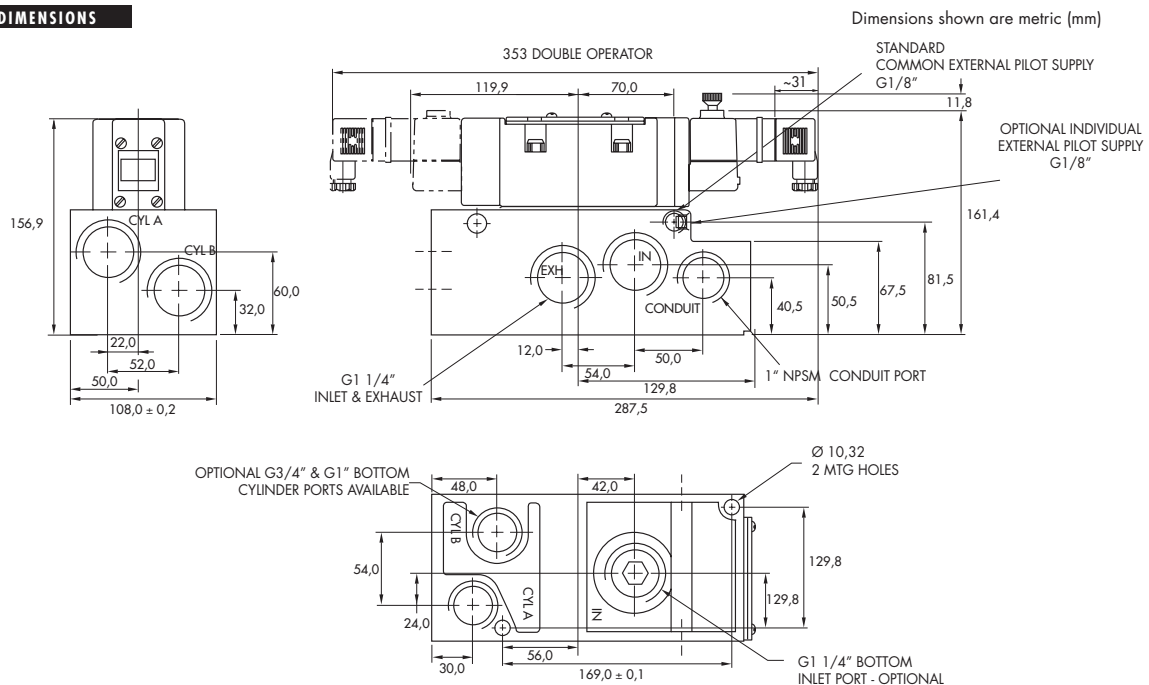
TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.7-10 bar double operator : 0.7-10 bar External pilot : vacuum to 10 bar		
Pilot pressure :	Single operator and 3 positions : 1.7-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min, G1 1/4" : 9600 NI/min		
Coil :	Epoxy encapsulated - class A wires - Continuous duty		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V=8.5 W	Energize : 18 ms	De-energize : 20 ms
	50Hz/6 W	Energize : 15-25 ms	De-energize : 19-28 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XYZZ, including seal 16337. • Pressure seal between valve and base : 16436.
 - Mounting screw valve to base (x4) : 35416. • Tie-rod (x2) : 19789. • Fastening kit : N-66002-01.
 - Inlet & exhaust isolator : 28367.

- Options :
- NPTF threads.

DIMENSIONS





Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
4/2 - 4/3	G3/4" - G1" - G1 1/4"	9600 NI/min	sub-base "plug-in"

OPERATIONAL BENEFITS

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

HOW TO ORDER

Port size	Pilot air	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base		6611A-000-PM- XXY DA	6621A-000-PM- XXY DA	6631A-000-PM- XXY DA	6641A-000-PM- XXY DA	6651A-000-PM- XXY DA
sub-base	Internal	6611A-451-PM- XXY DA	6621A-451-PM- XXY DA	6631A-451-PM- XXY DA	6641A-451-PM- XXY DA	6651A-451-PM- XXY DA
G3/4"	External	6611A-461-PM- XXY DA	6621A-461-PM- XXY DA	6631A-461-PM- XXY DA	6641A-461-PM- XXY DA	6651A-461-PM- XXY DA
sub-base	Internal	6611A-551-PM- XXY DA	6621A-551-PM- XXY DA	6631A-551-PM- XXY DA	6641A-551-PM- XXY DA	6651A-551-PM- XXY DA
G1"	External	6611A-561-PM- XXY DA	6621A-561-PM- XXY DA	6631A-561-PM- XXY DA	6641A-561-PM- XXY DA	6651A-561-PM- XXY DA
sub-base	Internal	6611A-651-PM- XXY DA	6621A-651-PM- XXY DA	6631A-651-PM- XXY DA	6641A-651-PM- XXY DA	6651A-651-PM- XXY DA
G1 1/4"	External	6611A-661-PM- XXY DA	6621A-661-PM- XXY DA	6631A-661-PM- XXY DA	6641A-661-PM- XXY DA	6651A-661-PM- XXY DA

Note : Above codes shown are for side cylinder ports without lights.

SOLENOID OPERATOR ►

XX Y DA *

XX Voltage	Y Manual operator
11 110V~/50Hz	1 Non-locking
12 220V~/50Hz	2 Locking
22 24V~/50Hz	
59 24V~/2,5W	
87 24V~/17,1W	
61 24V~/8,5W	

* Other options available, see page 305.

OPTIONS

6611A-XXX-PM- XXY DA	- For piped pilot exhaust replace M by P.	- For dual pressure valve replace by 4 (no light), by 5 (sgl. light), by 6 (dbl. light).
	- For lights on manifold, replace by 3.	- For lights on manifold, replace by 2 (sgl. light), by 3 (dbl. light).

- Note :
1. The valve less base is always the same for internal or external pilot. These options are effected in the manifold.
 2. Bottom ports : Refer to modification table.
 3. To order manifolds without the valve, choose the manifold from the above table, then add 6600A as a prefix. Example 6600A-451.
 4. 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.
 5. 2 position and 3 position valve bodies are not interchangeable.

MODIFICATIONS		
MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0210	G1 1/4" Bottom inlet	Manifold base
0364	G1 1/4" Bottom inlet, G3/4" or G1" Bottom cyl.	Manifold base
0112	Side inlet & exhaust with bottom cyl. ports (side cyl.ports plugged)	G1" Manifold base

TO ORDER - Add the appropriate modification number after the valve number;

EXAMPLE : 6611A-451-PM-111DA **MOD 0364**



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WARRANTY
18
MONTHS

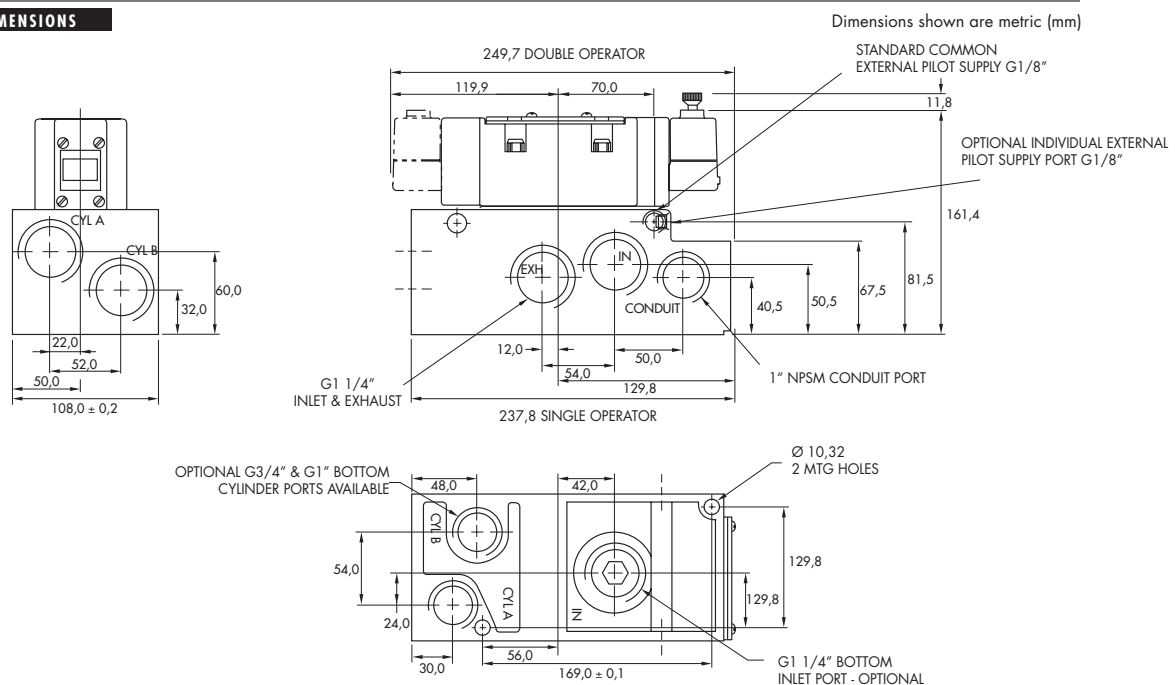
TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.7-10 bar double operator : 0.7-10 bar External pilot : vacuum to 10 bar		
Pilot pressure :	Single operator and 3 positions : 1.7-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min, G1 1/4" : 9600 NI/min		
Coil :	Epoxy encapsulated - class A wires - Continuous duty		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V= /8.5 W	Energize : 18 ms	De-energize : 20 ms
	50Hz/6 W	Energize : 15-25 ms	De-energize : 19-28 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXBE, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XXYDA-BE, including seal 16337.
 - Pressure seal between valve and base : 16436.
 - Mounting screw valve to base (x4) : 35416.
 - Tie-rod (x2) : 19789.
 - Fastening kit : N-66002-01.
 - Inlet & exhaust isolator : 28367.

- Options :
- NPTF threads.

DIMENSIONS



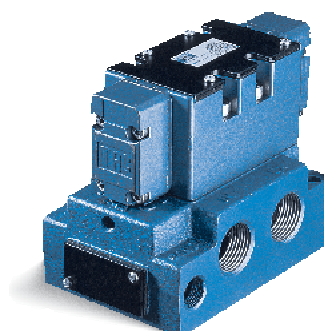


Remote air valves

Function	Port size	Flow [Max]	Individual mounting
4/2 - 4/3	G3/4" - G1"	9600 NI/min	sub-base

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Low leakage rate.



HOW TO ORDER

Port size	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base	6612A-000-RA	6622A-000-RA	6632A-000-RA	6642A-000-RA	6652A-000-RA
Sub-base G3/4"	6612A-271-RA	6622A-281-RA	6632A-281-RA	6642A-281-RA	6652A-281-RA
Sub-base G1"	6612A-371-RA	6622A-381-RA	6632A-381-RA	6642A-381-RA	6652A-381-RA

OPTIONS

6612A-271-RA

Dual pressure valves : replace by 4.

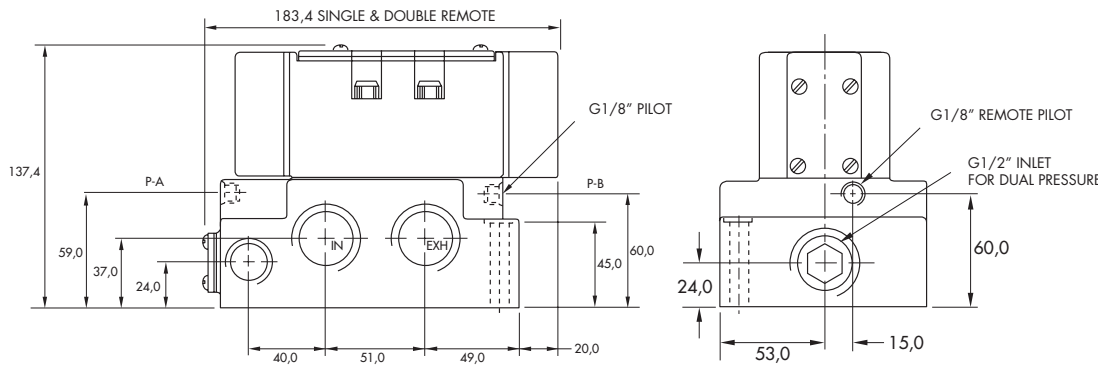


TECHNICAL DATA	
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 10 bar
Air signal pressure :	Single operator and 3 positions : 1.7 to 10 bar $\geq$ main valve pressure Double operator : 0.7 to 10 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)
Filtration :	40 μ
Temperature range :	-18°C to 50°C (0°F to 120°F)
Flow (at 6 bar, $\Delta P=1\text{bar}$) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min

- Spare parts :
- Remote air operator : R-A3004.
 - Pressure seal between valve and base : 16436.
 - Mounting screw valve to base (x4) : 35416.
- Options :
- NPTF threads.

DIMENSIONS

Dimensions shown are metric (mm)



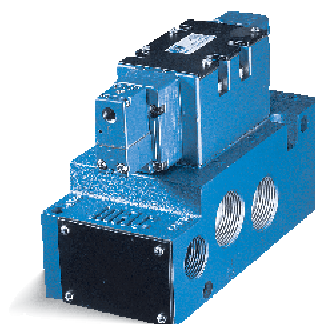


Remote air valves

Function	Port size	Flow [Max]	Manifold mounting
4/2 - 4/3	G3/4" - G1"	9600 NI/min	sub-base

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Low leakage rate.



HOW TO ORDER

Port size	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
Valve less base	6612A-000-PM-MO114	6622A-000-PM-MO114	6632A-000-PM-MO114	6642A-000-PM-MO114	6652A-000-PM-MO114
Sub-base G3/4"	6612A-471-PM-MO114	6622A-481-PM-MO114	6632A-481-PM-MO114	6642A-481-PM-MO114	6652A-481-PM-MO114
Sub-base G1"	6612A-571-PM-MO114	6622A-581-PM-MO114	6632A-581-PM-MO114	6642A-581-PM-MO114	6652A-581-PM-MO114

OPTIONS

6612A-XXX-PM-MO114

For dual pressure valves, replace by 4.

Fastening kit : N-66002-01P.



100%
OF
PRODUCTION
TESTED
100%

WARRANTY
18
MONTHS

TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 10 bar
Air signal pressure :	Single operator and 3 positions : 1.7 to 10 bar $\geq$ main valve pressure Double operator : 0.7 to 10 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)
Filtration :	40 μ
Temperature range :	-18°C to 50°C (0°F to 120°F)
Flow (at 6 bar, $\Delta P=1$ bar) :	G3/4" : 9000 NI/min, G1" : 9600 NI/min

Spare parts : • Remote air operator : R-A3004. • Pressure seal between valve and base : 16436. • Mounting screw valve to base (x4) : 35416.
• Tie-rod (x2) : 19789. • Remote air pilot : PME-MO114.

Options : • NPTF threads.

DIMENSIONS

Dimensions shown are metric (mm)

