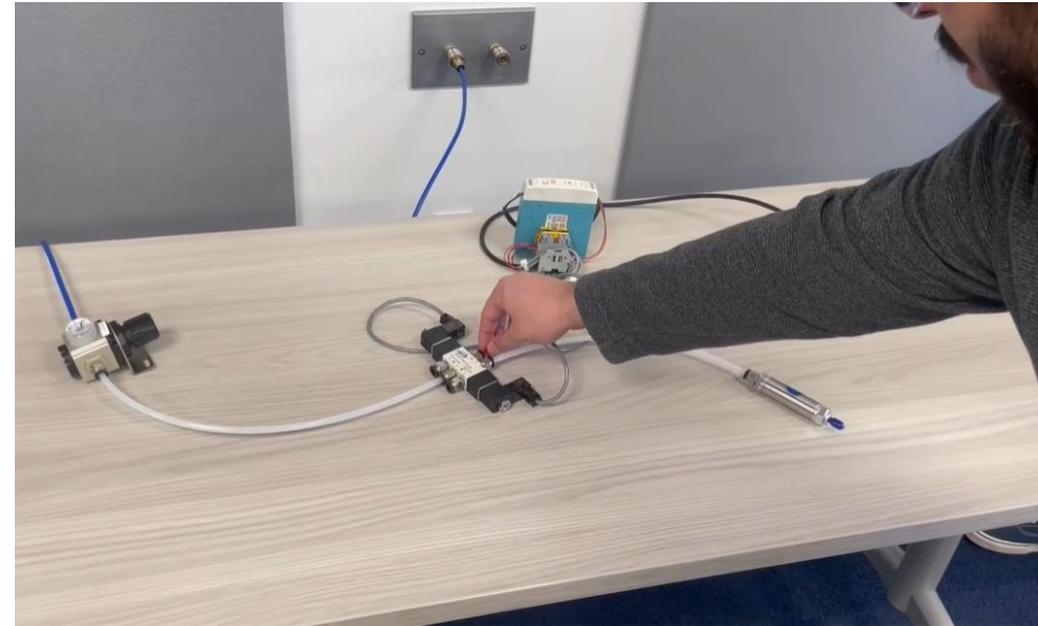


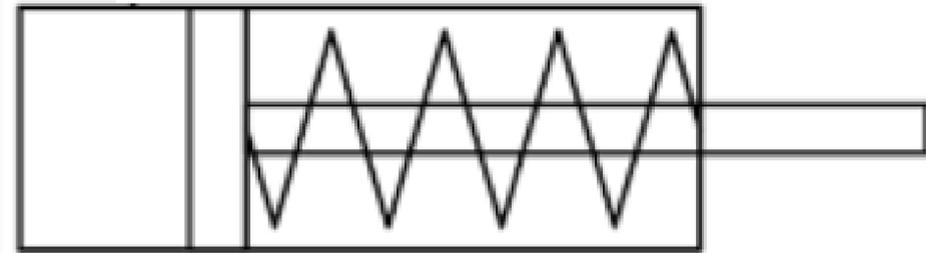
# IMI Precision Engineering Pneumatic Circuits

Application Engineering Team

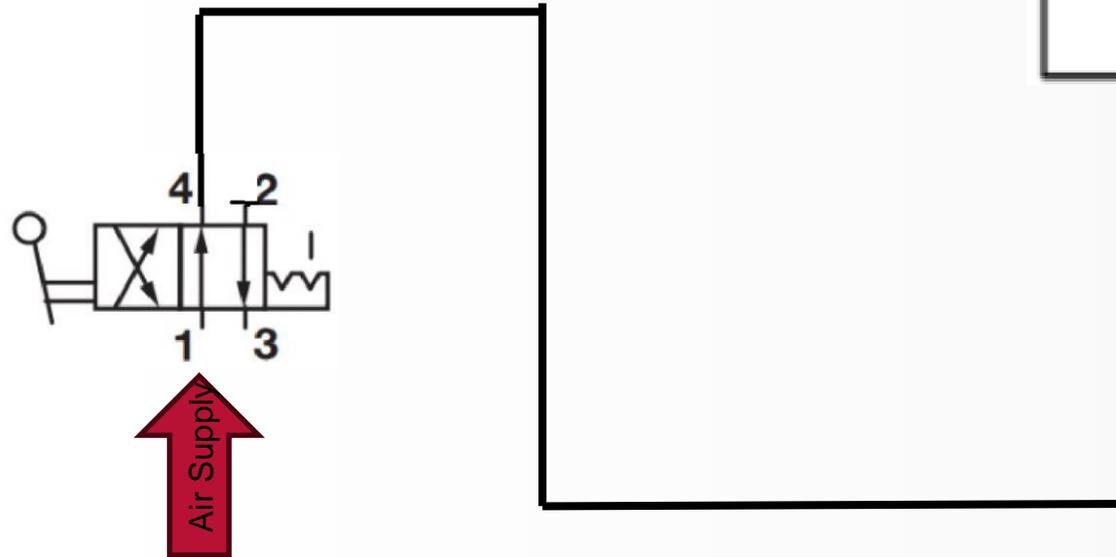


# Single Acting Cylinder with Manual Valve

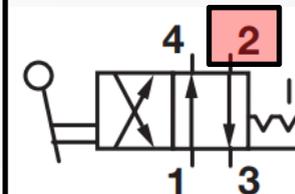
Manual Valve  
(Bimba 4MV8)



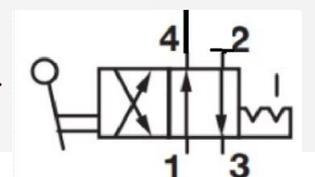
Single Acting Cylinder  
(Bimba 041)



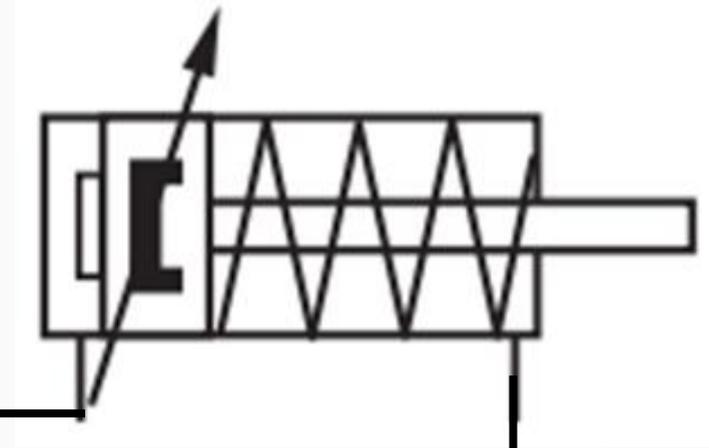
4MV8 converted to 3/2 for single acting cylinder



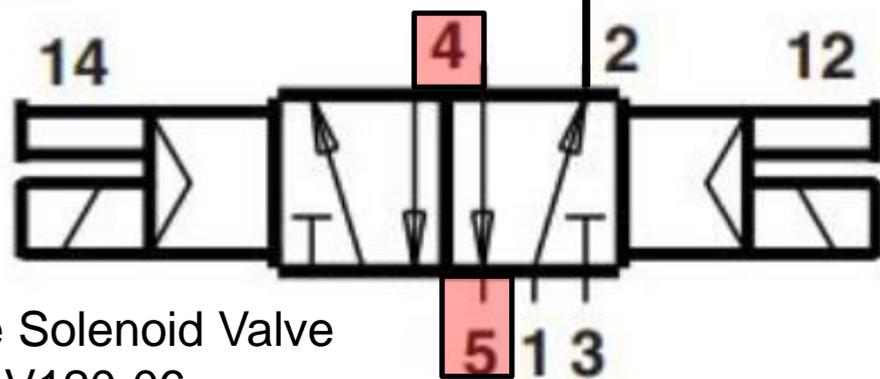
Plug port #2 for  
3/2 function



# Single Acting Cylinder with 5/2 Double Solenoid Valve



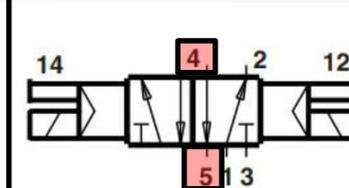
Single Acting Cylinder  
(Bimba 041)



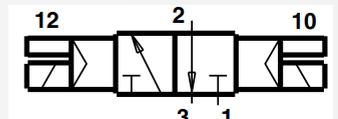
5/2 Double Solenoid Valve  
(Bimba M4V120-06-24VDC)



Valve Conversion for Single Acting Cylinder

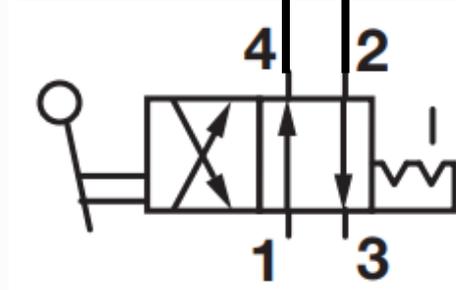


Plug ports #4  
& #5 for 3/2  
function



# Double Acting Cylinder with Manual Valve

Double Acting Cylinder  
(Bimba 041-D)

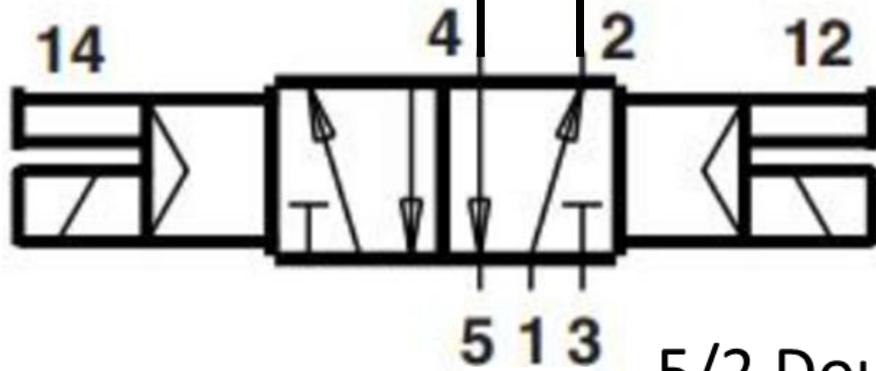


Manual Valve  
(Bimba 4MV8)

# Double Acting Cylinder with 5/2 Double Solenoid Valve



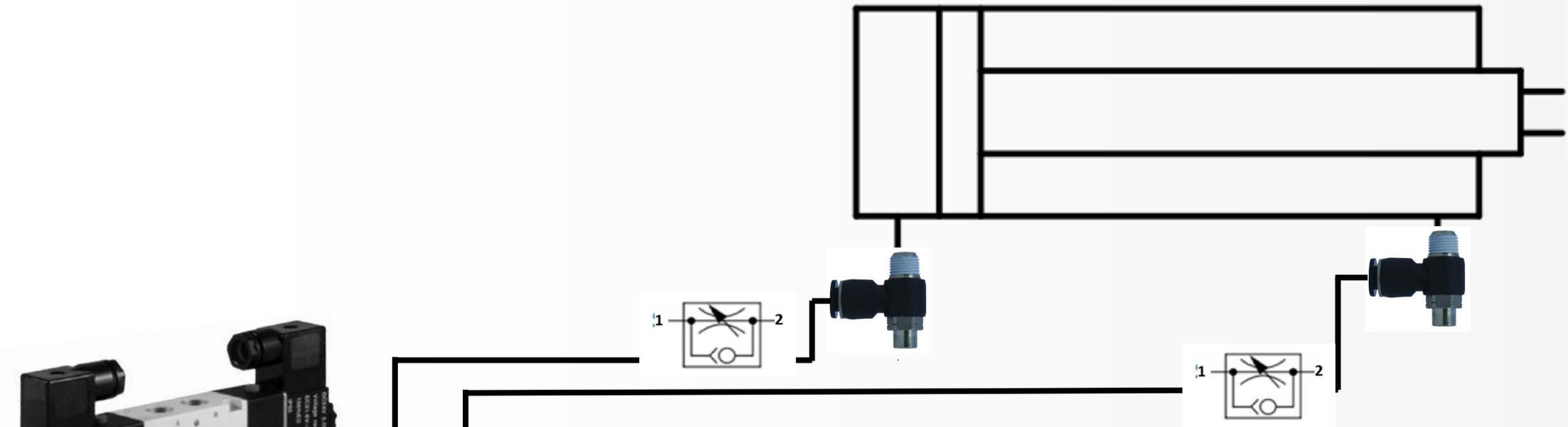
Double Acting Cylinder  
(Bimba 041-D)



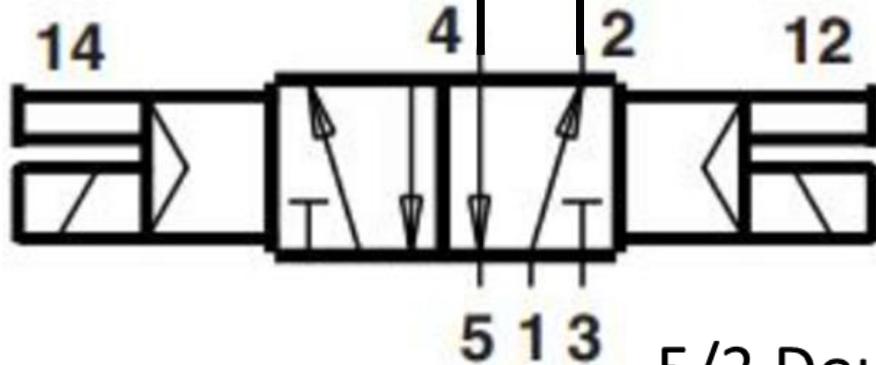
5/2 Double Solenoid Valve  
(Bimba M4V120-06-24VDC)



# Double Acting Cylinder with 5/2 Double Solenoid Valve



Double Acting Cylinder  
(Bimba 041-D)



5/2 Double Solenoid Valve  
(Bimba M4V120-06-24VDC)



[Video Link](#)

# The Kit

Description and Part Number	Qty
Regulator (MGAR200-06)	1
12V Solenoid Valve (M4V130C-06-12VDC)	1
Single-acting cylinder (041)	1
Single-acting cylinder (042)	1
Double-acting cylinder (041-D)	1
Mechanical Valve (4MV8)	1
1/8NPT Fitting(4MV8)	10
1/4 Tubing	25'
Flow Controls (FQPS2)	2

Circuit	Application
1	Single-acting cylinder with Manual Valve
2	Single-acting cylinder with Solenoid Valve (flow control to meter spring retract)
3	Double-acting cylinder with Manual Valve
4	Double-acting cylinder with Solenoid Valve (With and without flow controls)

