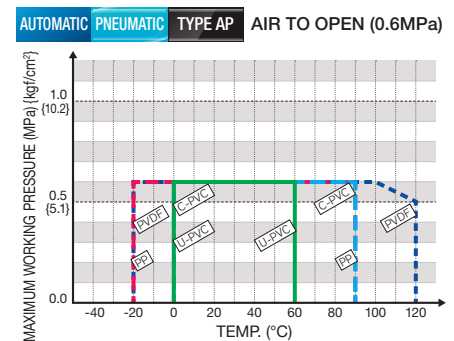
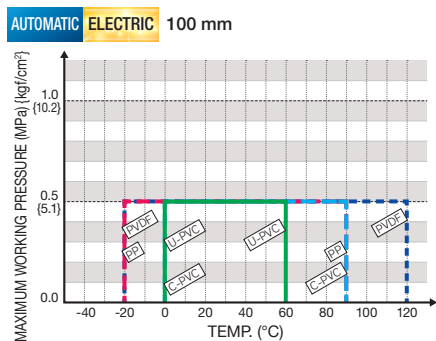
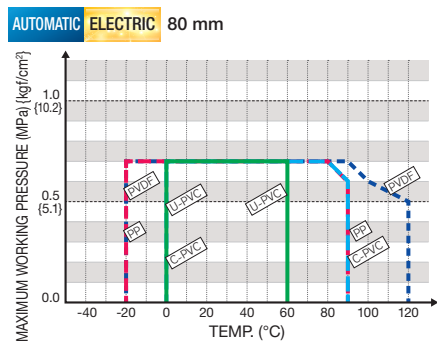
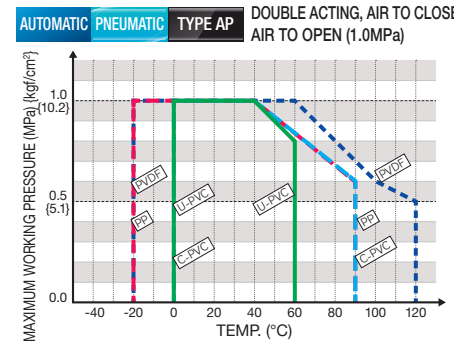
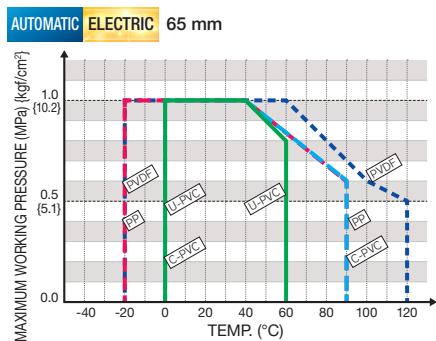
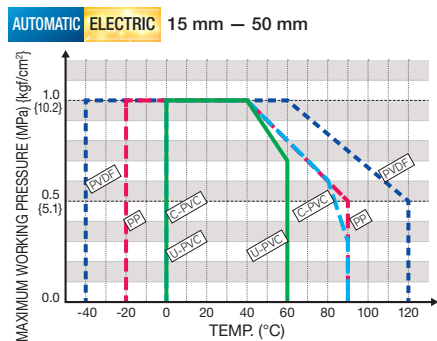
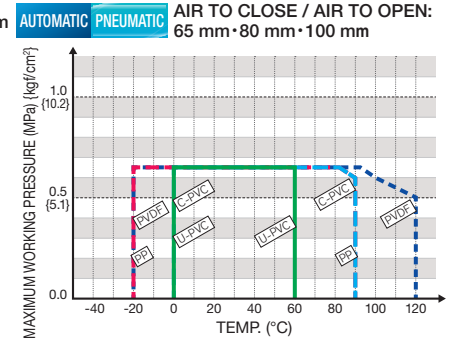
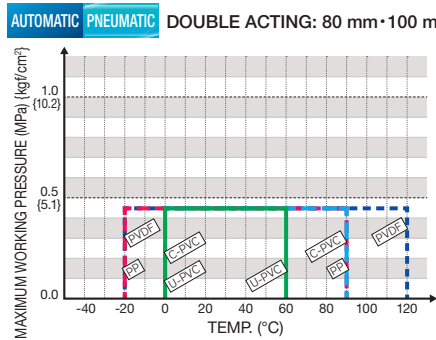
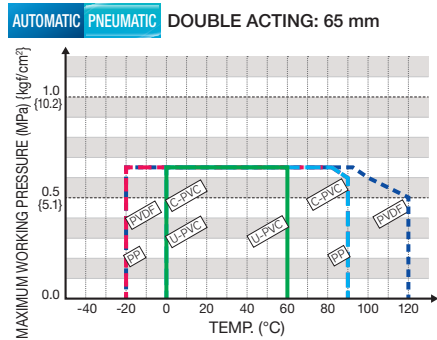
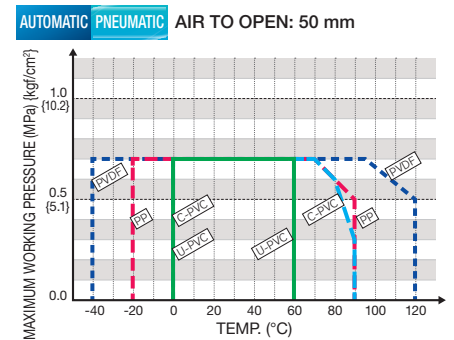
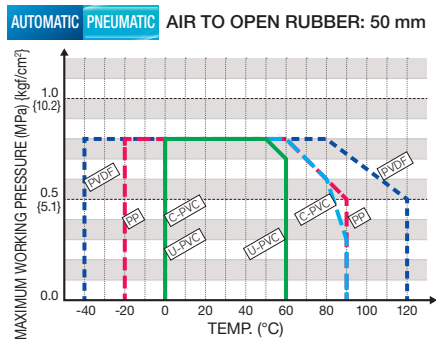
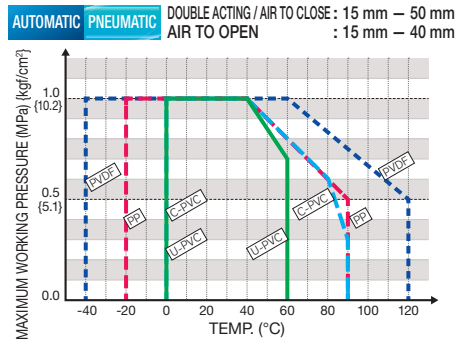
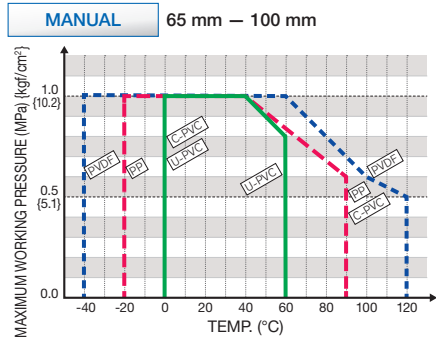
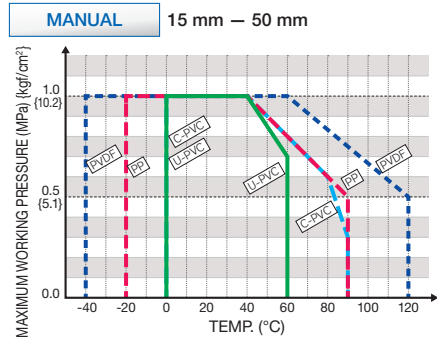


# WORKING PRESSURE VS. TEMPERATURE



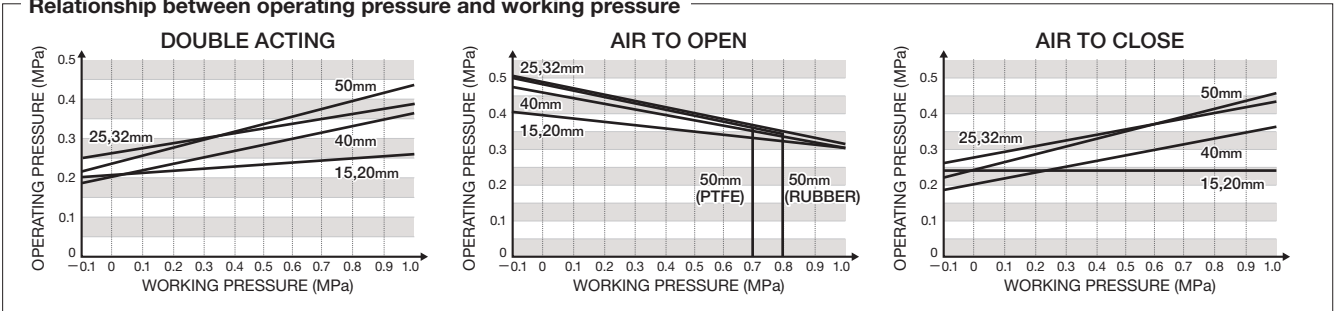
**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

## DIAPHRAGM VALVE TYPE 14



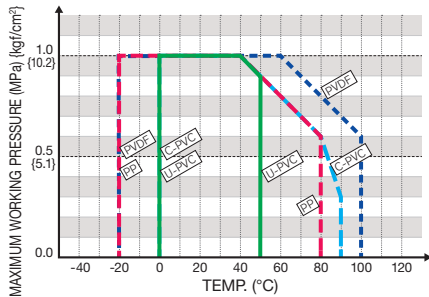
▶ DIAPHRAGM VALVE TYPE 14

Relationship between operating pressure and working pressure

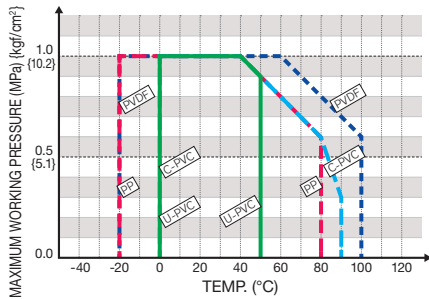


TRUE UNION DIAPHRAGM VALVE TYPE 14

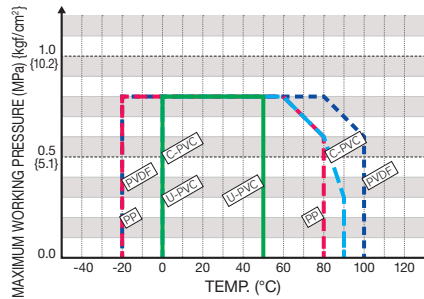
MANUAL 15 mm – 50 mm



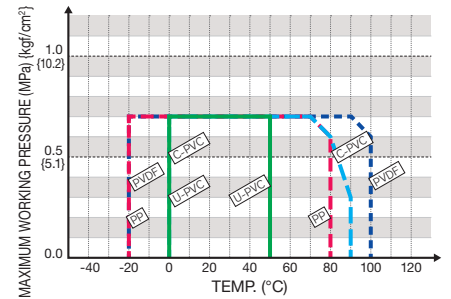
AUTOMATIC PNEUMATIC DOUBLE ACTING / AIR TO CLOSE: 15 mm – 50 mm  
AIR TO OPEN : 15 mm – 40 mm



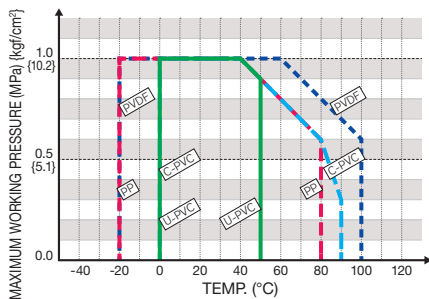
AUTOMATIC PNEUMATIC AIR TO OPEN RUBBER: 50 mm



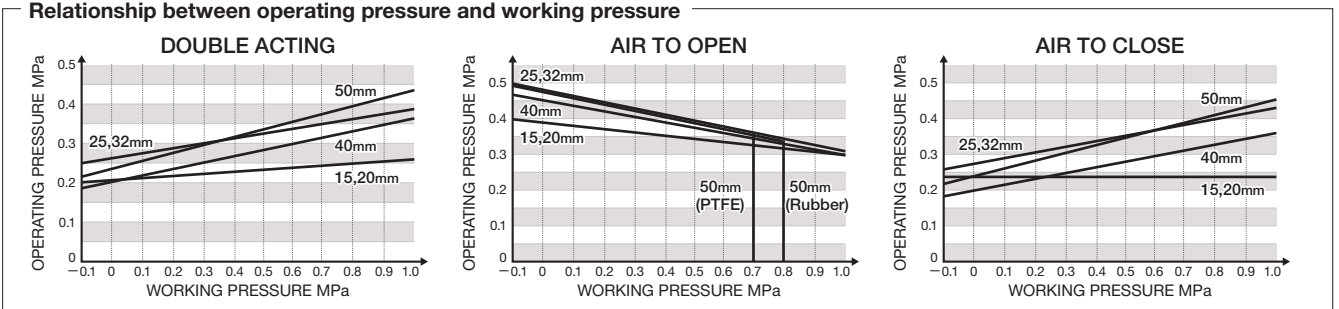
AUTOMATIC PNEUMATIC AIR TO OPEN: 50 mm



AUTOMATIC ELECTRIC 15 mm – 50 mm



Relationship between operating pressure and working pressure

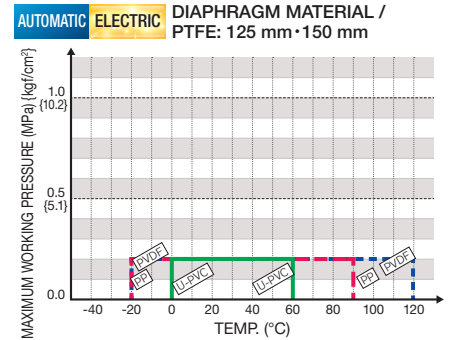
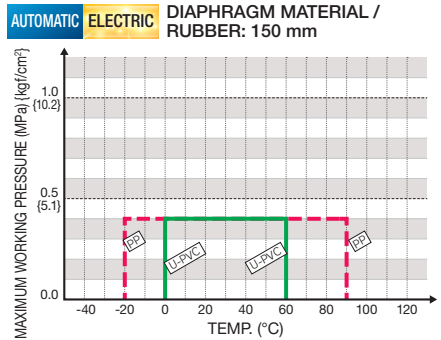
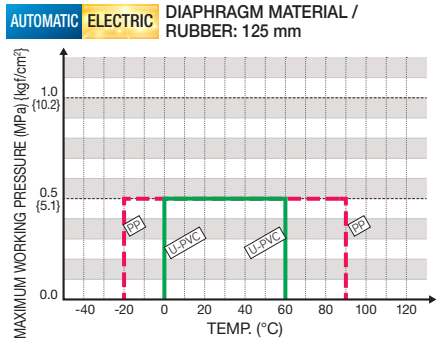
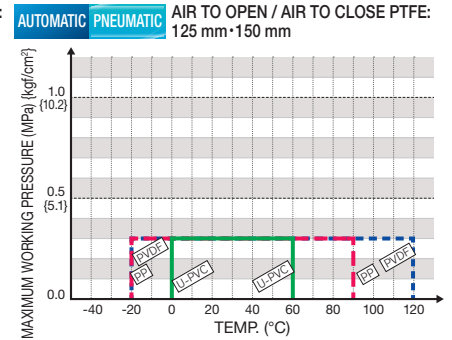
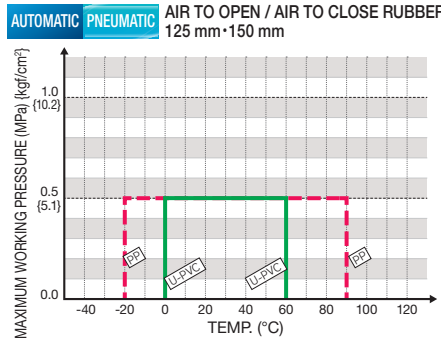
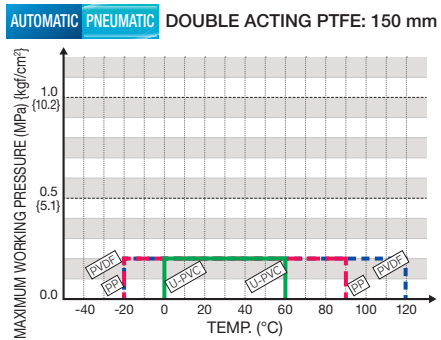
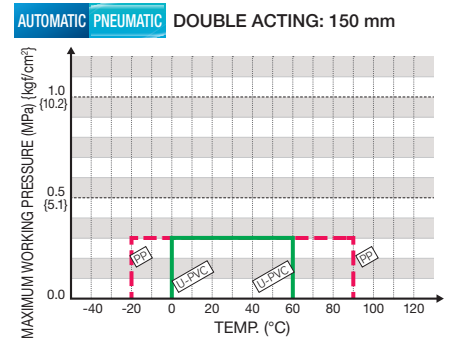
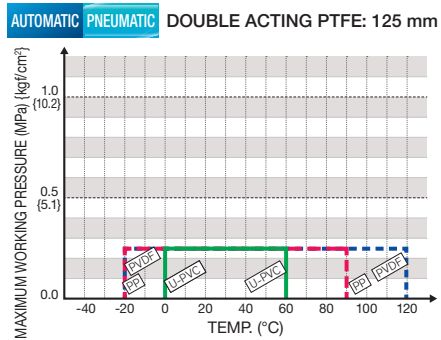
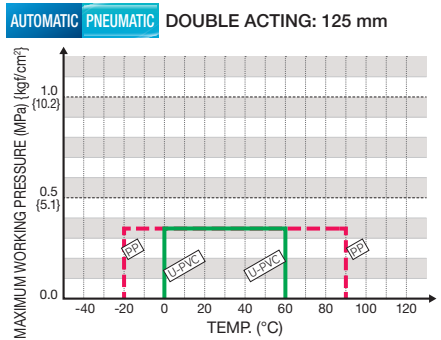
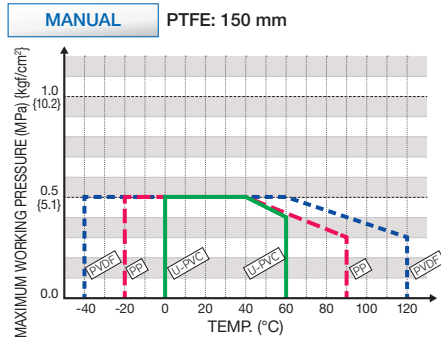
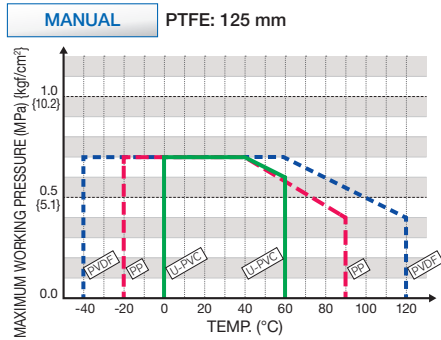
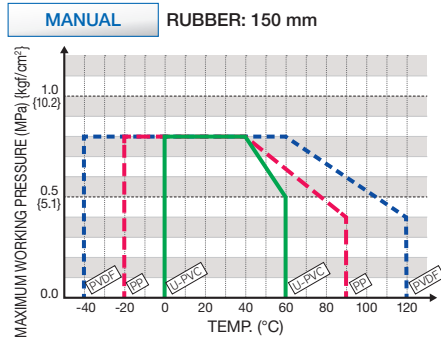
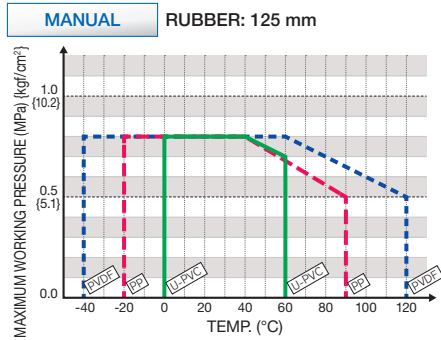


# WORKING PRESSURE VS. TEMPERATURE



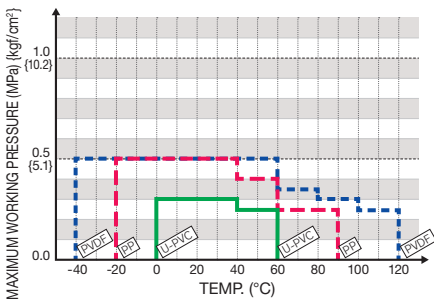
**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

## DIAPHRAGM VALVE TYPE 15

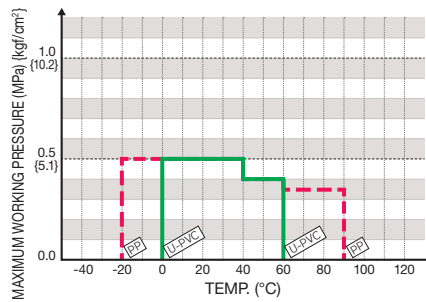


# DIAPHRAGM VALVE TYPE 72

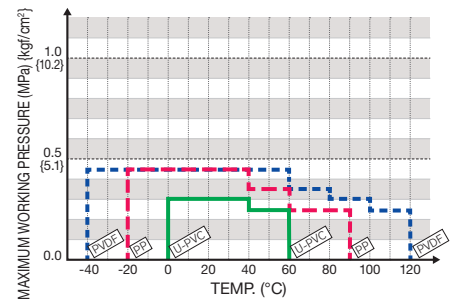
**MANUAL** A TYPE RUBBER: 200 mm



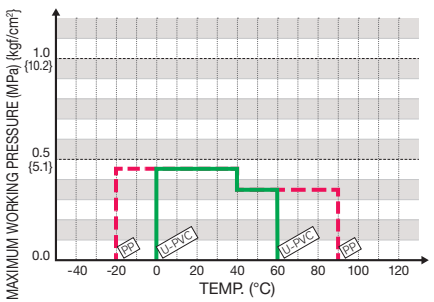
**MANUAL** B TYPE RUBBER: 200 mm



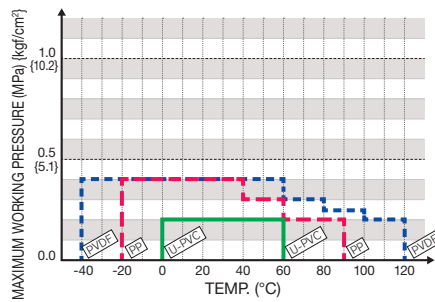
**MANUAL** A TYPE RUBBER: 250 mm



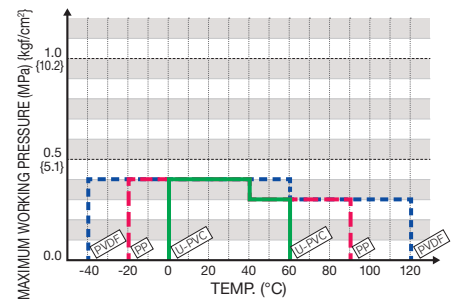
**MANUAL** B TYPE RUBBER: 250 mm



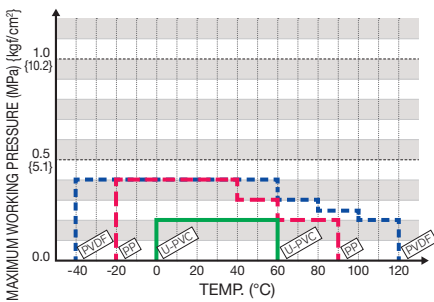
**MANUAL** A TYPE / PTFE: 200 mm



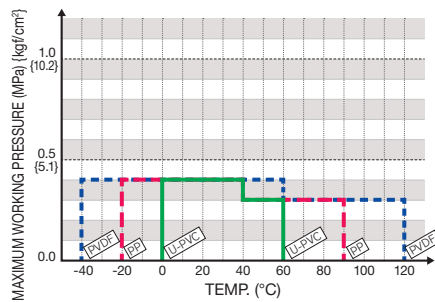
**MANUAL** B TYPE / PTFE: 200 mm



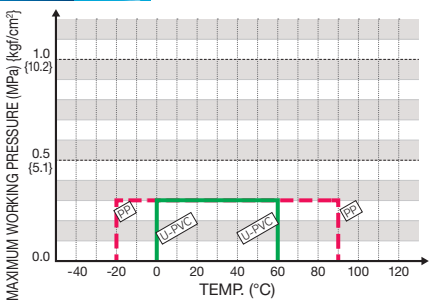
**MANUAL** A TYPE / PTFE: 250 mm



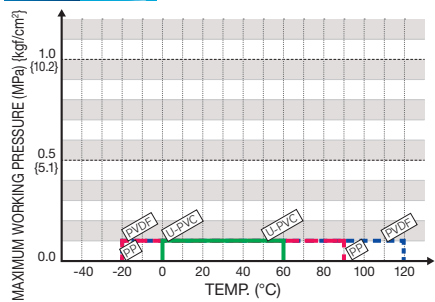
**MANUAL** B TYPE / PTFE: 250 mm



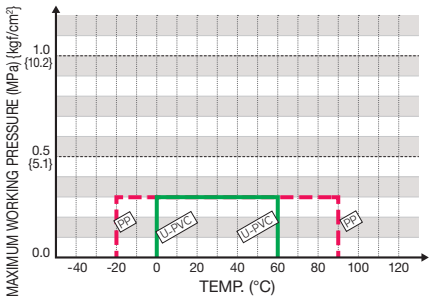
**AUTOMATIC PNEUMATIC** DOUBLE ACTING RUBBER: 200 mm • 250 mm



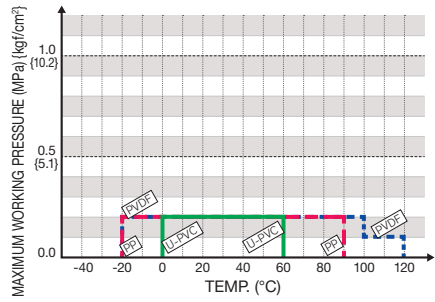
**AUTOMATIC PNEUMATIC** DOUBLE ACTING PTFE: 200 mm • 250 mm



**AUTOMATIC ELECTRIC** DIAPHRAGM MATERIAL / RUBBER: 200 mm • 250 mm



**AUTOMATIC ELECTRIC** DIAPHRAGM MATERIAL / PTFE: 200 mm • 250 mm





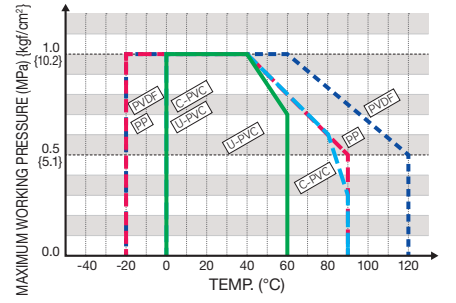
# WORKING PRESSURE VS. TEMPERATURE



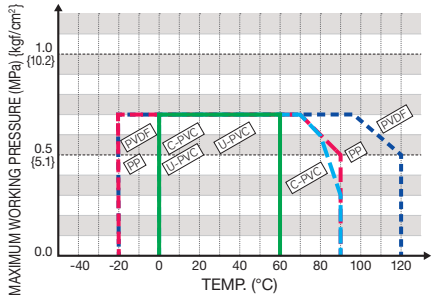
**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

## DIAPHRAGM VALVE (TYPE AI)

**AUTOMATIC PNEUMATIC** DOUBLE ACTING / AIR TO CLOSE: 15 mm – 50 mm  
AIR TO OPEN (1.0 MPa TYPE) : 15 mm – 50 mm

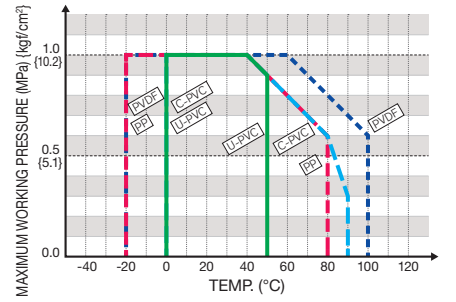


**AUTOMATIC PNEUMATIC** AIR TO OPEN (0.7 MPa TYPE): 15 mm – 50 mm

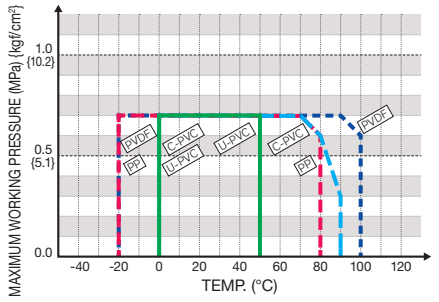


## TRUE UNION DIAPHRAGM VALVE (TYPE AI)

**AUTOMATIC PNEUMATIC** DOUBLE ACTING / AIR TO CLOSE: 15 mm – 50 mm  
AIR TO OPEN (1.0 MPa TYPE) : 15 mm – 50 mm

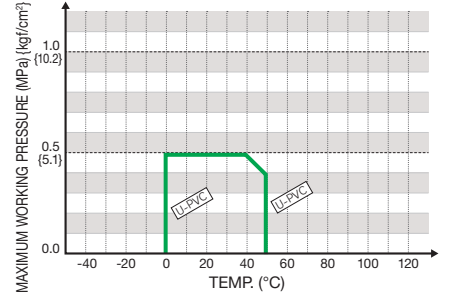


**AUTOMATIC PNEUMATIC** AIR TO OPEN (0.7 MPa TYPE): 15 mm – 50 mm

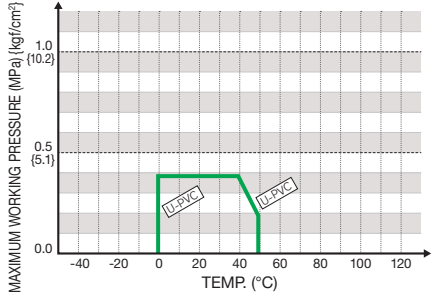


## DIAPHRAGM VALVE TYPE 16

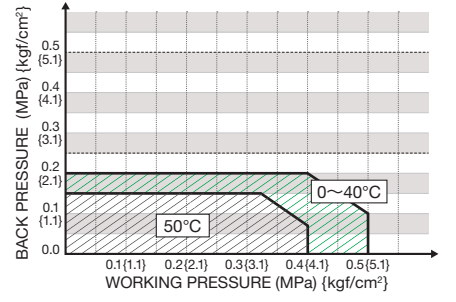
**AUTOMATIC PNEUMATIC** 15 mm – 25 mm



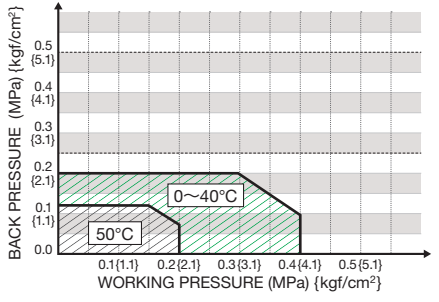
**AUTOMATIC PNEUMATIC** 40 mm · 50 mm



**AUTOMATIC PNEUMATIC** 15 mm – 25 mm

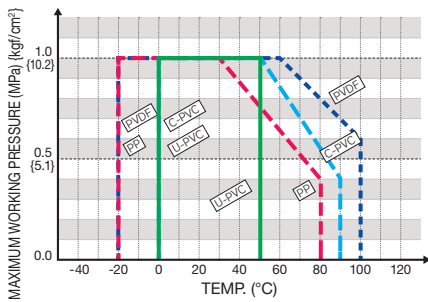


**AUTOMATIC PNEUMATIC** 40 mm · 50 mm

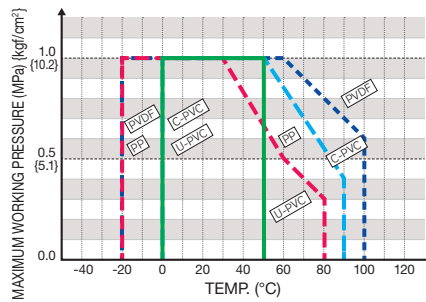


## BALL VALVE TYPE 21, 21α

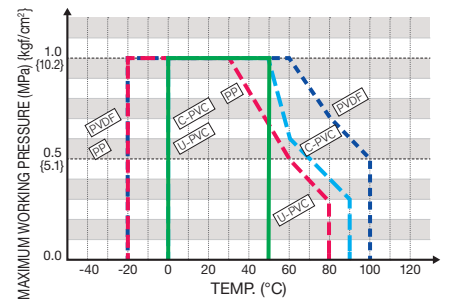
MANUAL AUTOMATIC 15 mm – 50 mm



MANUAL AUTOMATIC 65 mm

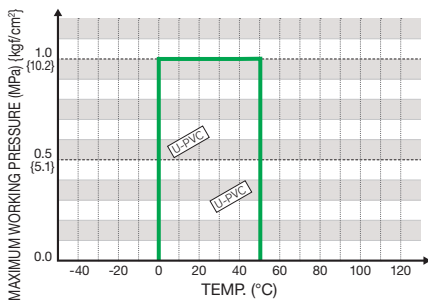


MANUAL AUTOMATIC 80 mm · 100 mm



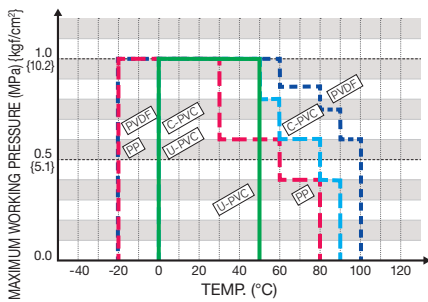
## WATER BALL VALVE

MANUAL AUTOMATIC 15 mm – 50 mm

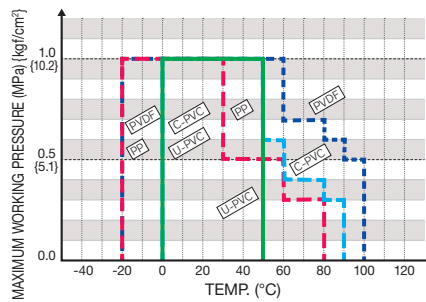


## 3 WAY BALL VALVE TYPE 23

MANUAL AUTOMATIC 15 mm – 50 mm

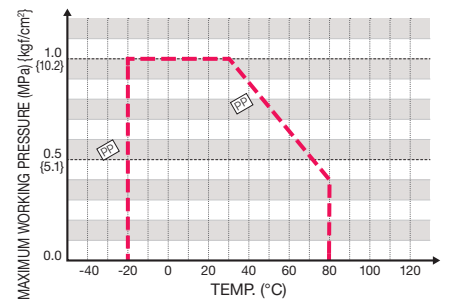


MANUAL AUTOMATIC 65 mm – 100 mm



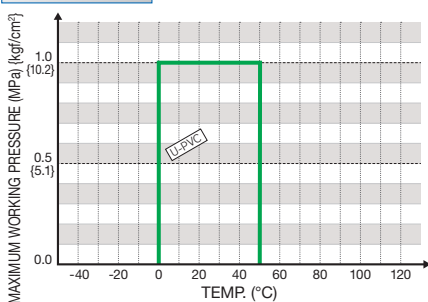
## 3 WAY BALL VALVE TYPE 23 H

MANUAL 25 mm – 40 mm



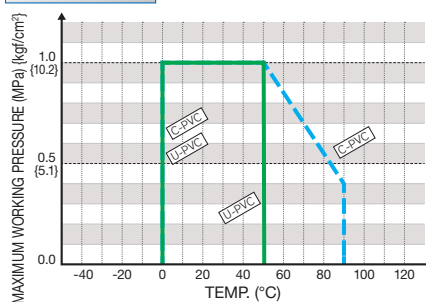
## LAB COCK

MANUAL

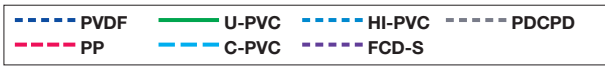


## COMPACT BALL VALVE TYPE 27

MANUAL 13 mm – 50 mm

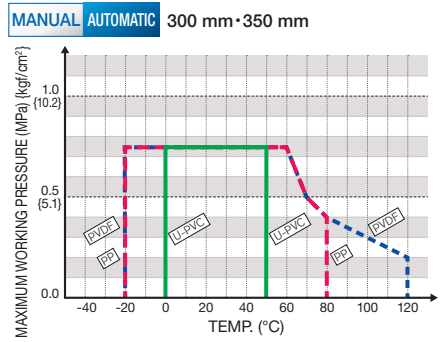
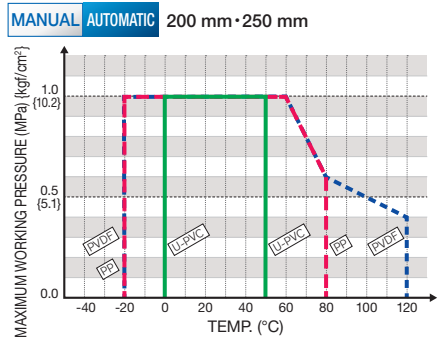
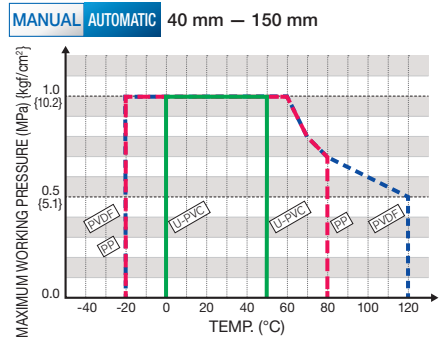


# WORKING PRESSURE VS. TEMPERATURE

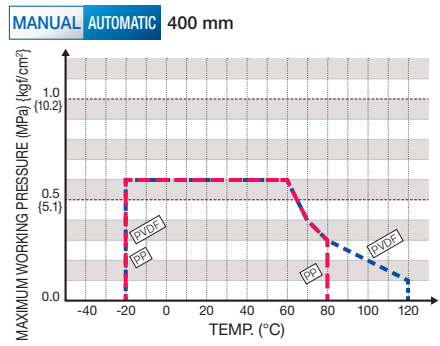


**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

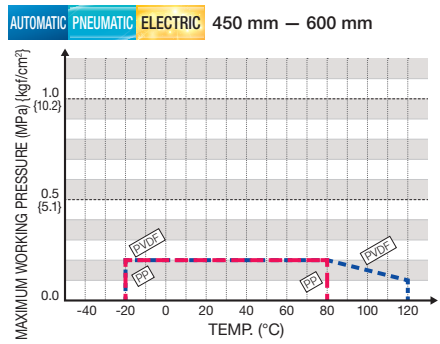
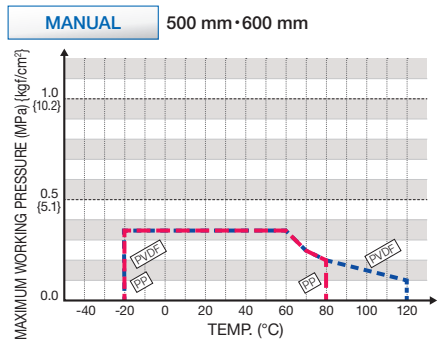
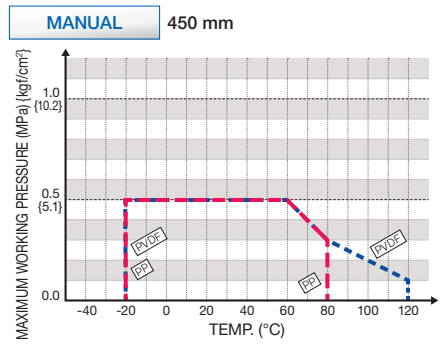
## BUTTERFLY VALVE TYPE 57



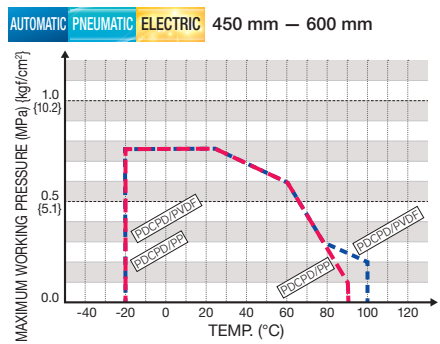
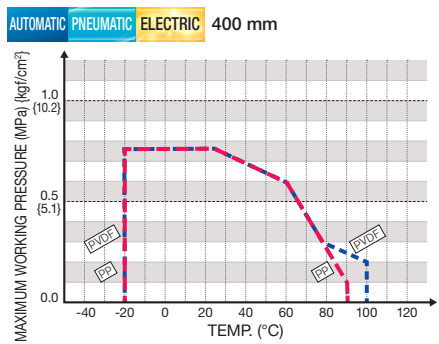
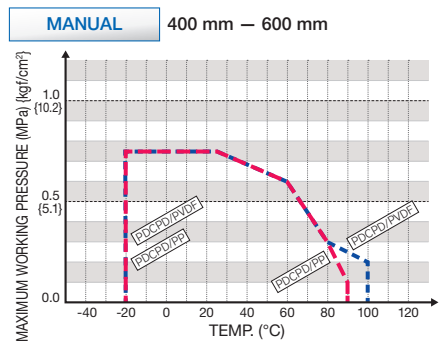
## BUTTERFLY VALVE TYPE 56



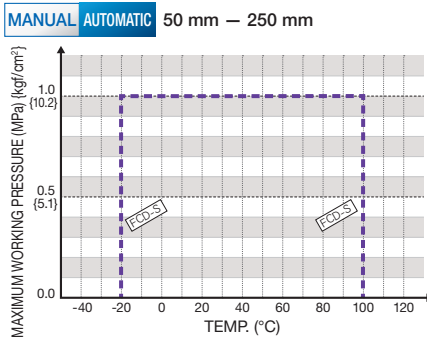
## BUTTERFLY VALVE TYPE 75



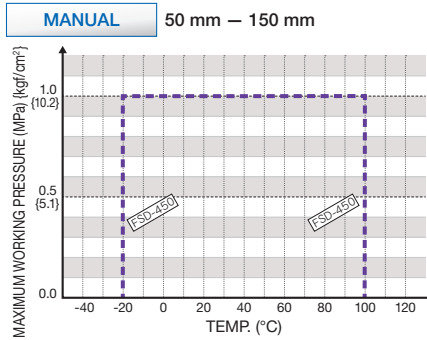
## BUTTERFLY VALVE TYPE 56D, 75D



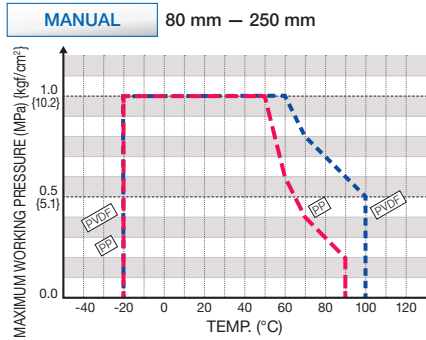
### BUTTERFLY VALVE TYPE 55



### BUTTERFLY VALVE TYPE 55IS

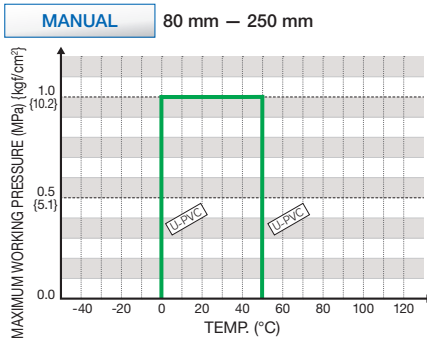


### BUTTERFLY VALVE TYPE 57L (PDCPD WAFER)

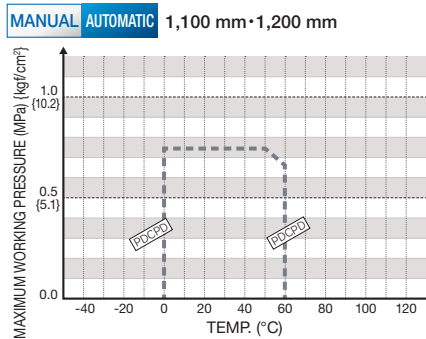
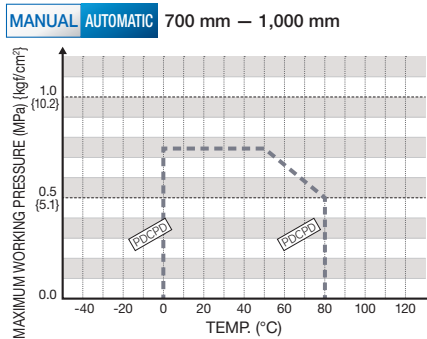


\* When the seat material is FKM, FKM-C or FKM-F, the working temperature must be -5°C or more.

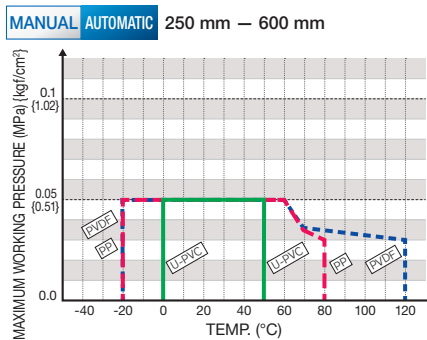
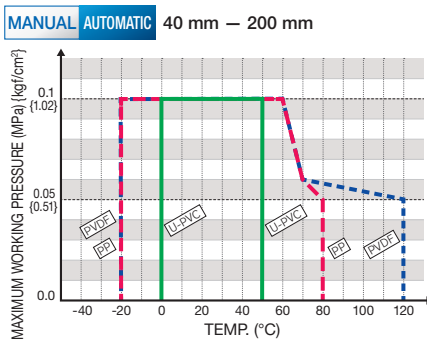
### BUTTERFLY VALVE TYPE 57TL (U-PVC WAFER)



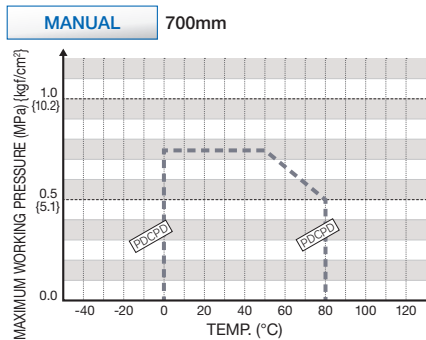
### PDCPD LARGE SIZE BUTTERFLY VALVE



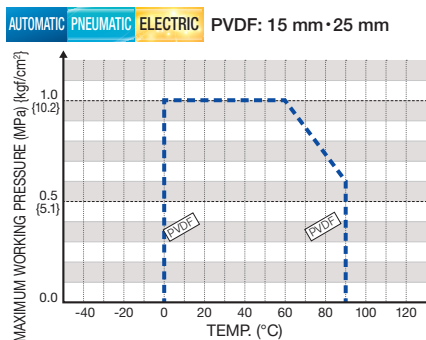
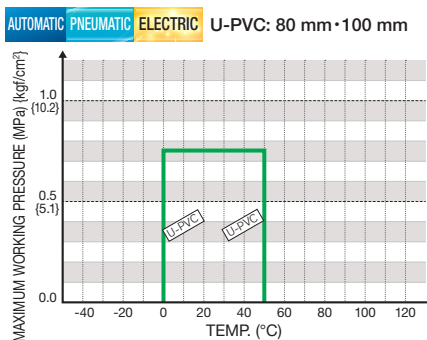
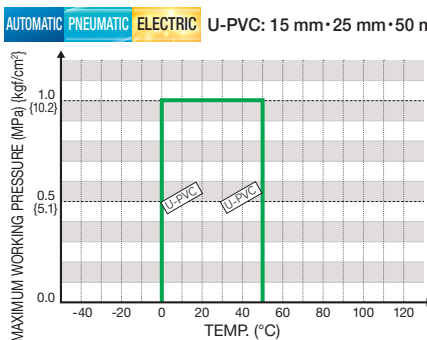
### ROTARY DAMPER



### BUTTERFLY VALVE TYPE 58



### CONTROL VALVE



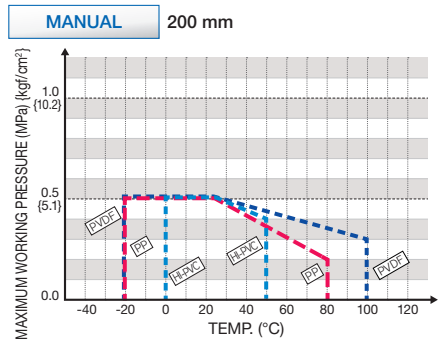
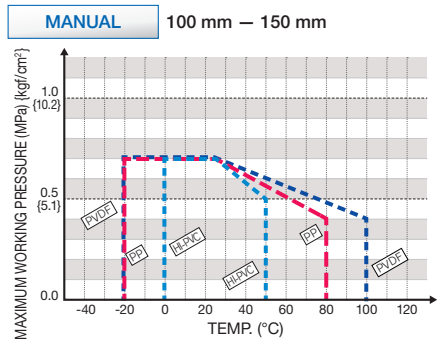
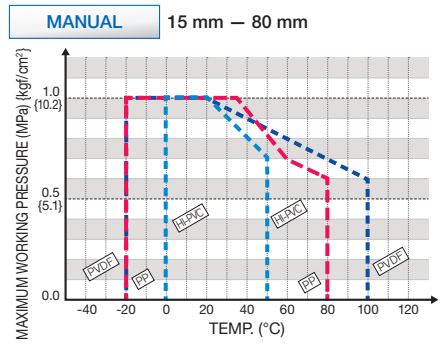


# WORKING PRESSURE VS. TEMPERATURE

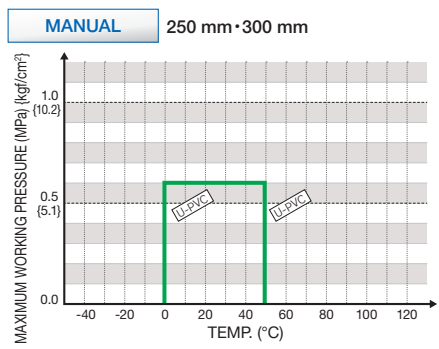
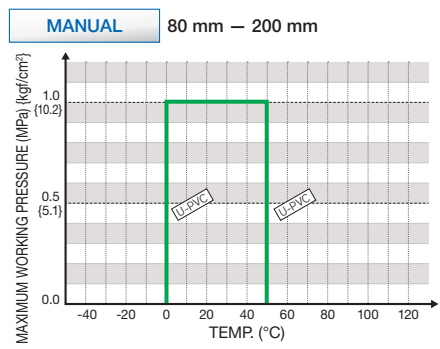


**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

## SWING CHECK VALVE (O-RING TYPE)

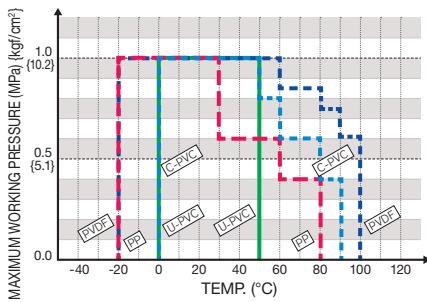


## WAFER CHECK VALVE

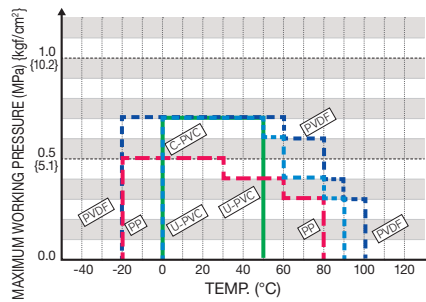


## BALL CHECK VALVE

MANUAL 15 mm – 50 mm

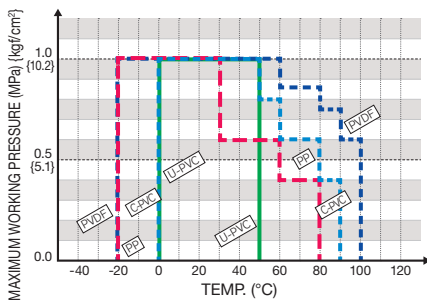


MANUAL 80 mm · 100 mm

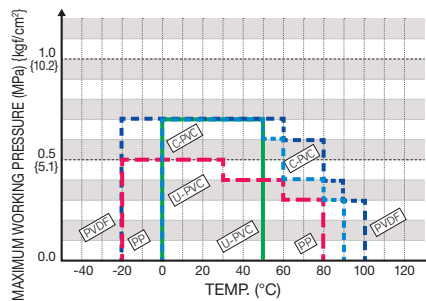


## BALL FOOT VALVE

MANUAL 15 mm – 50 mm

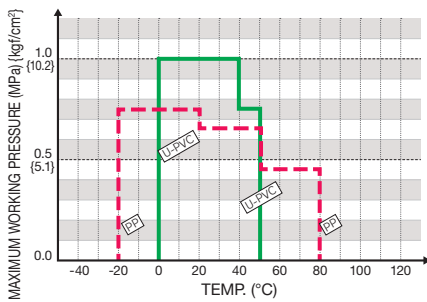


MANUAL 80 mm · 100 mm

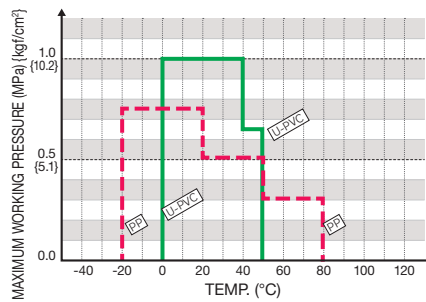


## STOP VALVE (GLOBE VALVE)

MANUAL 15 mm – 40 mm

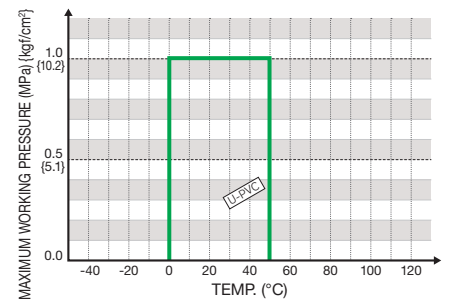


MANUAL 50 mm

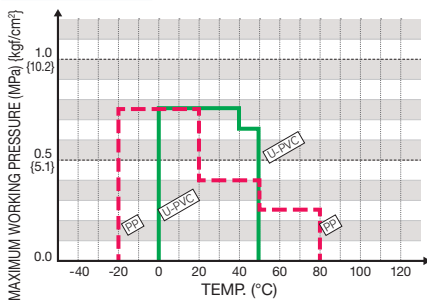


## NEEDLE VALVE

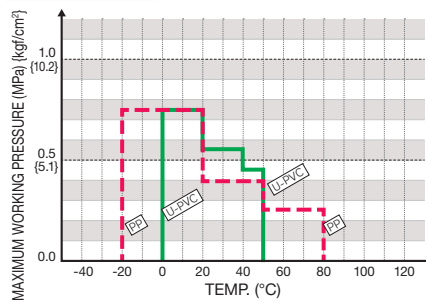
MANUAL 15 mm – 25 mm



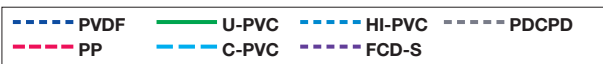
MANUAL 65 mm · 80 mm



MANUAL 100 mm

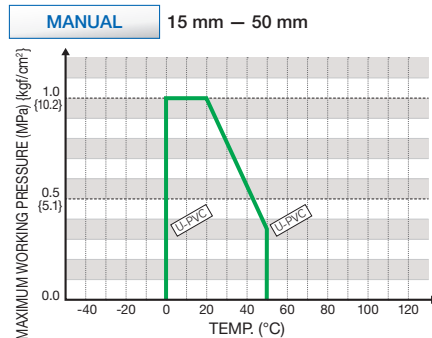


# WORKING PRESSURE VS. TEMPERATURE

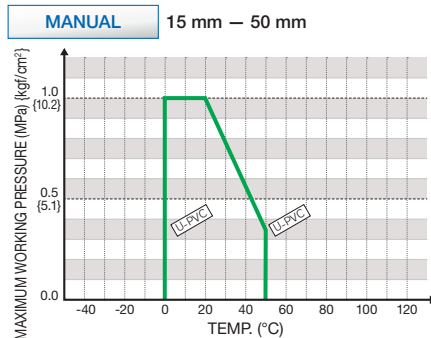


**NOTE** Make sure that the temperature and pressure are within the working range during operation. (If the tolerance range is exceeded during use, the valve may be damaged.)

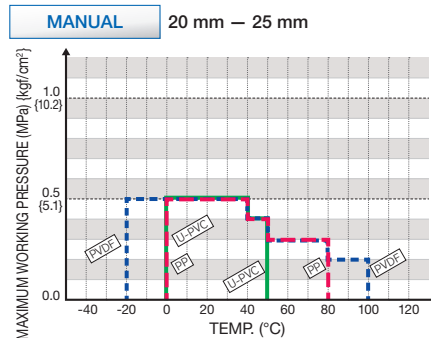
## SELF CONTROL VALVE PRESSURE REDUCING TYPE



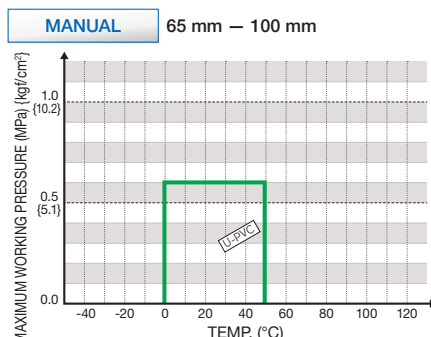
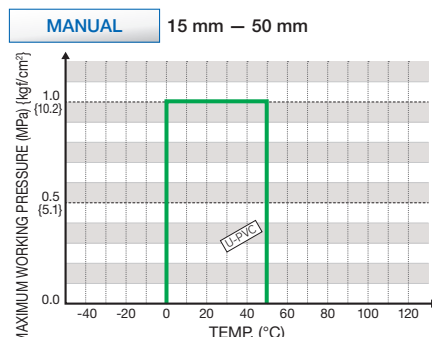
## SELF CONTROL VALVE PRESSURE RELIEF TYPE / PRESSURE RETAINING TYPE



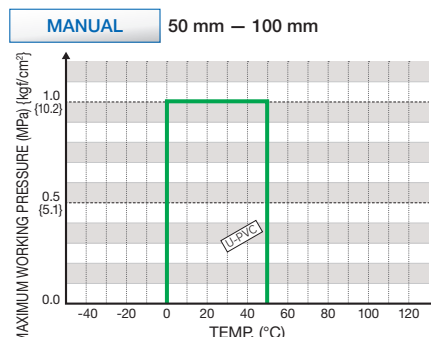
## GAUGE VALVE



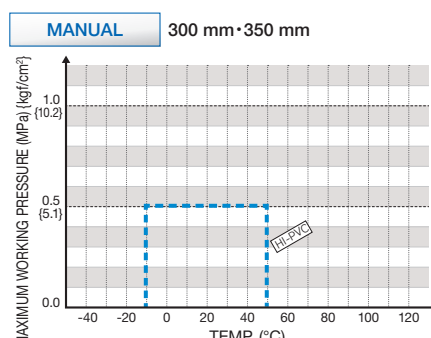
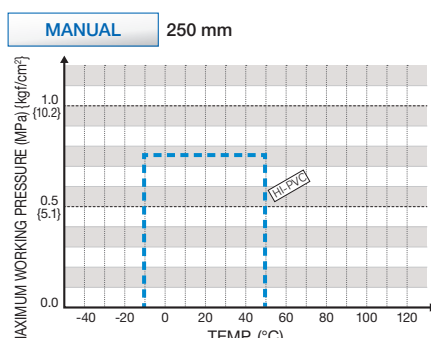
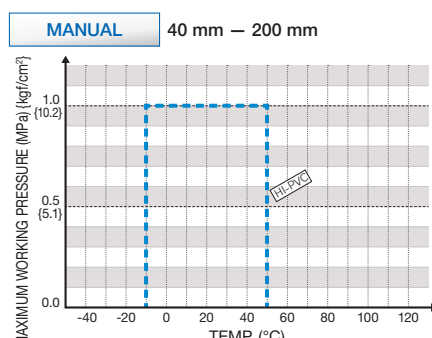
## SEDIMENT STRAINER (TYPE Y)



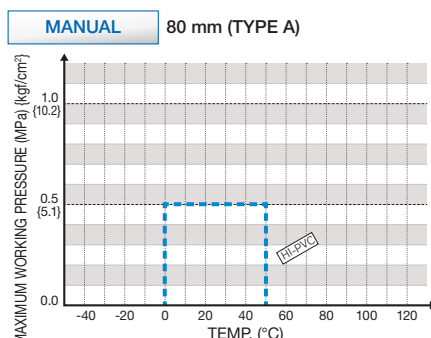
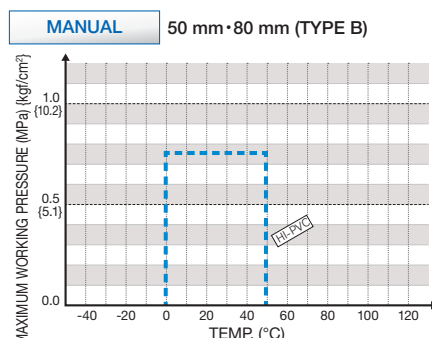
## ALFALFA VALVE® TYPE 82



## GATE VALVE (TYPE P / TYPE S)



## AUTOMATIC WATER FEEDING VALVE



## ROTARY ANGLE VALVE

