



- Slack moving , No-Slam
- Easy adjustment & maintain
- Excellent reliable seal function
- Opening velocity and closing velocity adjustment

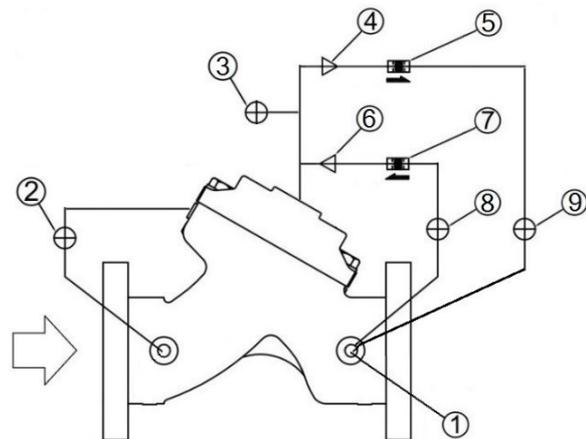
Model 41-04 Non-Slam Check Valve is a hydraulically operated diaphragm valve with open and close velocity control. When the pressure at the inlet exceeds the opening pressure, the valve will open gradually and slowly to prevent the surge. When a pressure reversal occurs, liquid will enter the air chamber of the valve to close the valve and form a tight seal.

This valve is especially suitable to use where a positive shutoff is required. The rubber disc assures tight sealing. The simple valve design insures reliable.

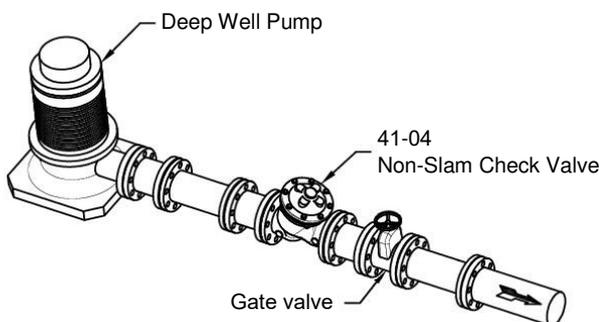
Accessories

No.	Parts Name
1	Strainer
2	Ball valve
3	Ball valve
4	Open Speed Control
5	Check Valve
6	Close Speed Control
7	Check Valve
8	Ball valve
9	Ball valve

Schematic Diagram

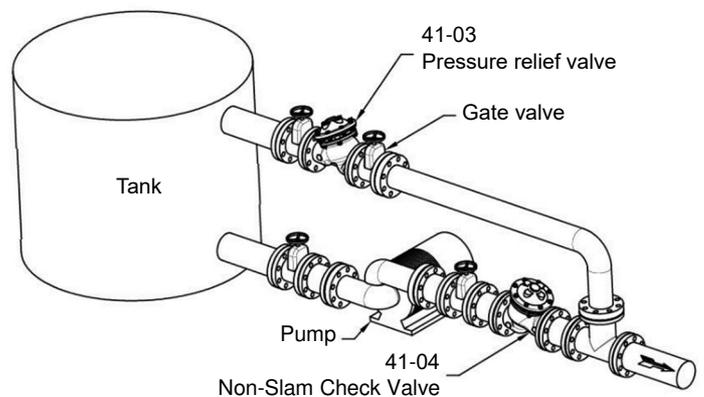


Typical Application



●Deep Well Pump

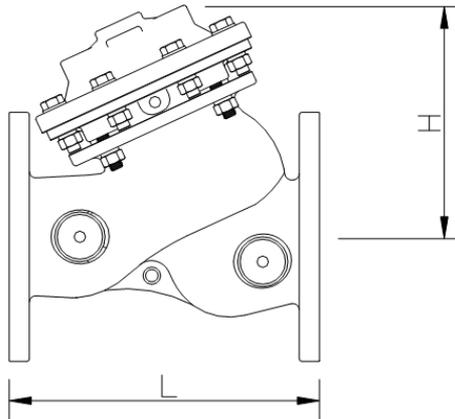
Any well designed pumping system should install The Model 41-04 Non-Slam Check Valve. It is used to prevent the destructive flow reversal.



●Booster Pump

Model 41-04 Non-Slam Check Valve is installed at the discharge of booster pumps to prevent return flow into the tank when pump is off. Pressure relief valve as shown can effectively prevent surge when pump stops.

Dimension



Valve size	50	65	80	100	125	150	200	250	300	350	400
L(mm)	205	229	250	320	370	415	500	605	725	733	990
H(mm)	155	182	186	242	276	308	418	488	572	598	866
Weight(kg)	11	13	22	37	46	75	125	217	370	380	846

Notice :

- ※When installing the valve, strongly request to leave enough space for maintenance. It is necessary to install the filter at the front section of the valve to avoid foreign materials to block the valve and affect the operation of the valve.
- ※King-Tech reserves the right to make any revisions on the valve model and size without prior notification.
- ※When making any design drawing, installation drawing or construction drawing, please do get our approved CAD with our signature, or we will not be responsible for any mistake.

Specification

Size : DN50~DN400 to flange
 Flange : 10K、16K、PN16、150LB
 Temp. range : 0°C~100°C · water
 ※Any size over DN450 can be made to order.

Material

Body : Ductile Iron / Stainless steel
 Accessory : Brass / Stainless steel
 Fastener & Spring : Carbon steel / Stainless steel
 Diaphragm : NBR / EPDM
 Stem : Stainless Steel

Pilot Specification

Material : Brass / Stainless steel
 Sealing : Teflon
 Temp. range : 0°C~100°C

When Ordering, Please Specify

- | | |
|----------------------|------------------------|
| 1、Valve model number | 4、Connection type |
| 2、Valve size | 5、Other optional parts |
| 3、Pressure range | 6、Working pressure |

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Distributor