

# GRANCH

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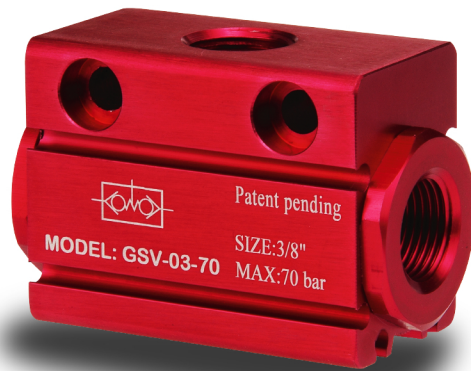
## Shuttle Valve

Patent number:M528388

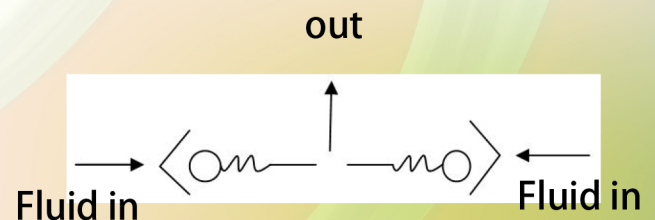
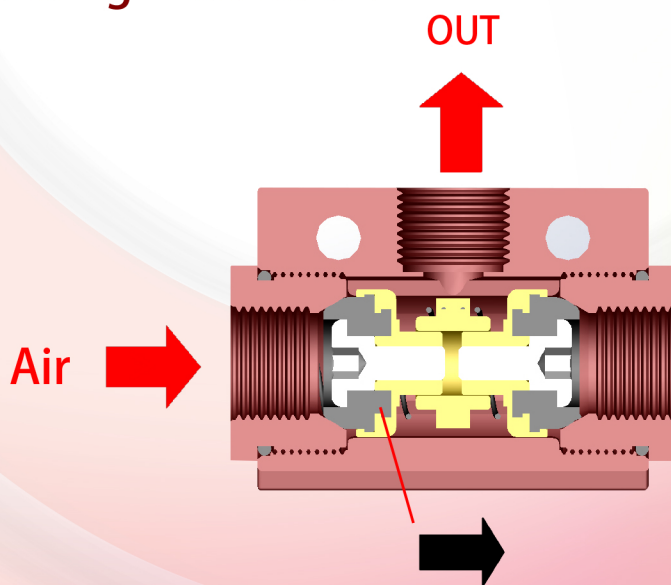
Granch shuttle valve is not only using the material of Alluminum alloy and stainless steel but also adding the suport rod function for the construction .

We solve the problem of anti-corrosion and pressure-pounding comparing to other brands for our advanced development.

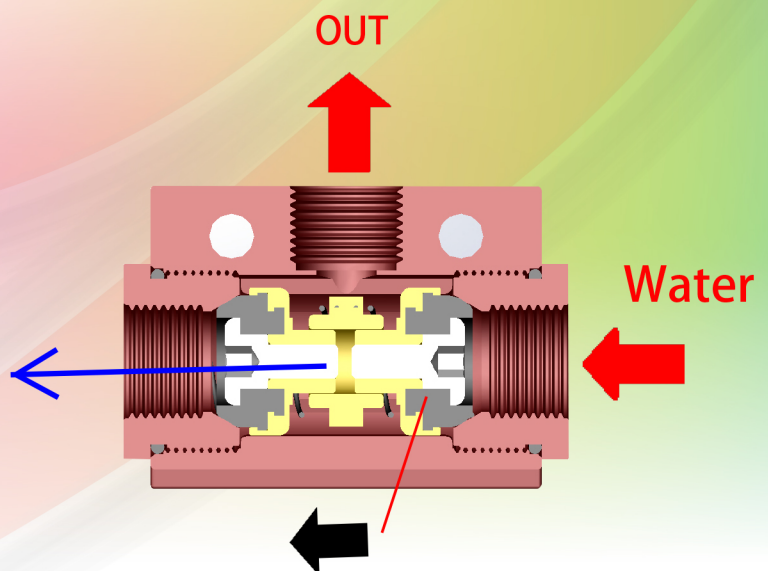
The shuttle valve is designed for CNC cutting fluid and others liquid-gas or gas-gas applications.



### Actuating illustration



The suport rod keeps the balance under pressure-pounding,so that extendeds the valve service life .Meanwhile, support rod provide stability and reliability under high pressure opprartion.



宏茂事業有限公司

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Process components , Fil+Sep , Purification equipment

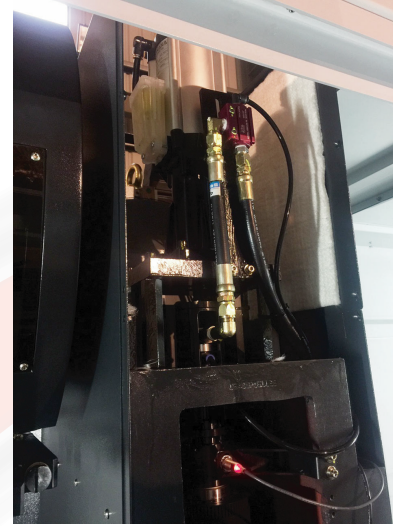
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## Application:

- ① Coolant Through Spindal
- ② Pressure cylinder system
- ③ Other oil-air,water-air system
- ④ Other fluid-fluid system

## Example



## Dimensions

Part number	GSV-03-70F	GSV-03-150F	LPV-03-70
working pressure	70kgf/cm2	150 kgf/cm2	70kgf/cm2
start pressure	0.5 kgf/cm2	0.5 kgf/cm2	0.5 kgf/cm2
casing material	Aluminum alloy	SUS304	Aluminum alloy
baffles material	Copper alloy	Copper alloy	Copper alloy
Internal spring	stainless steel	stainless steel	stainless steel
Caliber size	3/8"PT	3/8"PT	3/8"PT
Seal material	VITON	VITON	VITON

## Leakage Protective Valve LPV-03-70



## Actuating illustration

