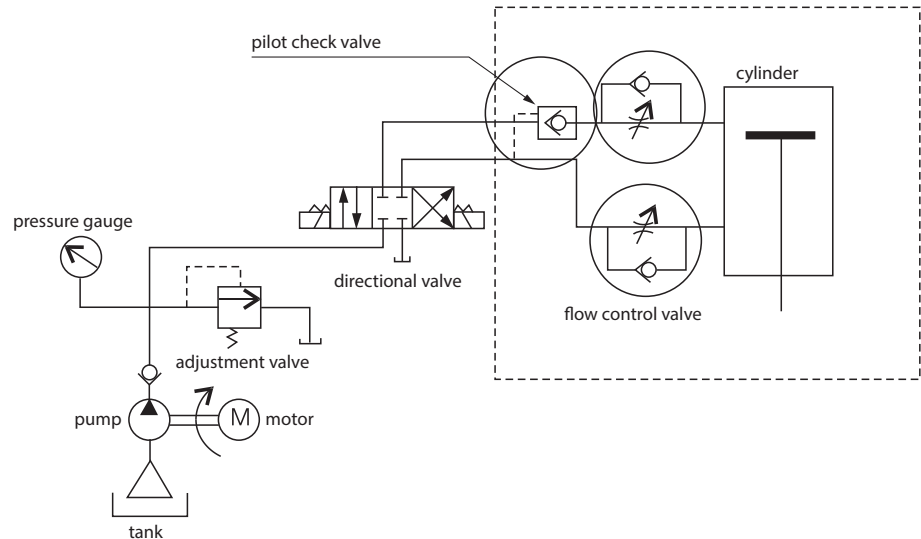
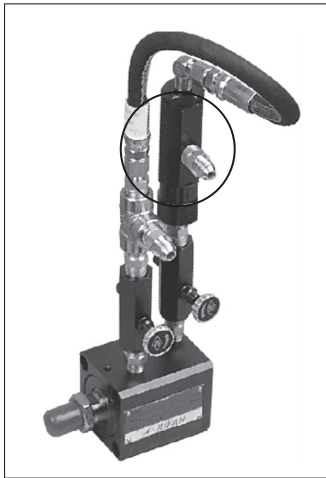
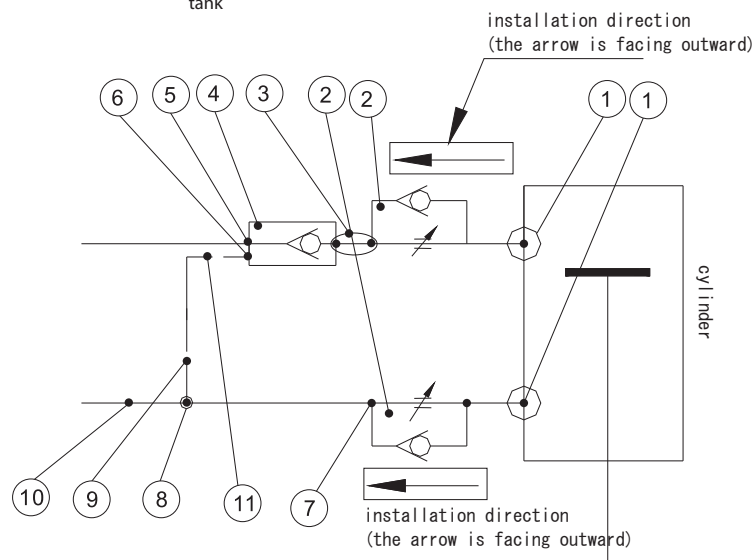


INSTALLATION FORM OF THROTTLE-CHECK VALVE

- Cylinders + 1 pilot check valve + 2 flow control valve
- Hydraulic circuit diagram



- Assembly drawing



- Parts list

Item	Part name	Bore			Qty
		20-25	32-63	80-100	
①	Straight double ext. tooth joint	RC1/8×RC1/4	RC1/4×RC3/8	RC3/8×RC3/8	2
②	Flow control valve	KC02(RC1/4)	KC03(RC3/8)		2
③	Pilot check valve		PCVI-03(RC3/8)		1
④	Straight double ext. tooth joint	RC1/4×RC3/8	RC3/8×RC3/8		1
⑤	Elbow connector		RC1/4×1/4HS		1
⑥	Straight connector	RC3/8×3/8HS	RC3/8×1/2HS		1
⑦	Double external tooth joint	RC1/4×RC3/8	RC3/8×RC3/8		1
⑧	Internal tee joint		RC3/8		1
⑨	Straight connector		RC3/8×1/4HS		1
⑩	Straight connector	RC3/8×3/8HS	RC3/8×1/2HS		1
⑪	Hose		ISN-02(1/4HS×400mm)		1

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

ISO Specifications Cylinders

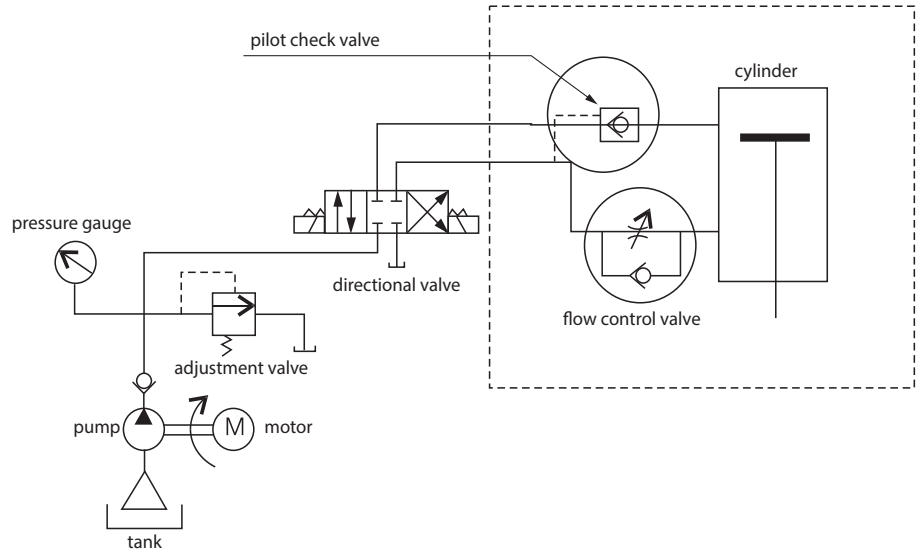
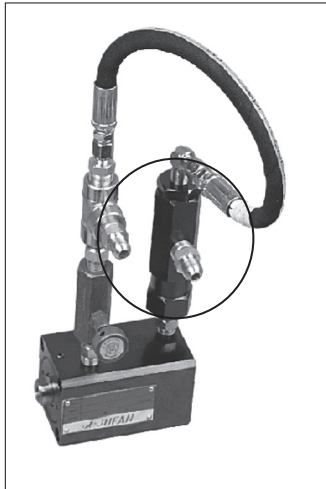
Round Hydraulic Cylinders

Specific Hydraulic Cylinders

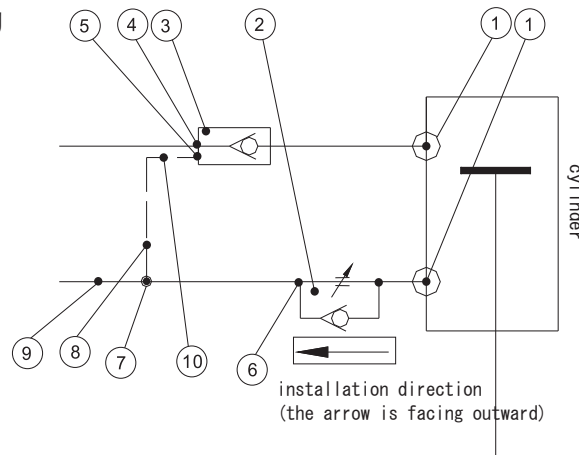
Systems & Fittings

INSTALLATION FORM OF THROTTLE-CHECK VALVE

- Cylinders + 1 pilot check valve + 1 flow control valve
- Hydraulic circuit diagram



- Assembly drawing

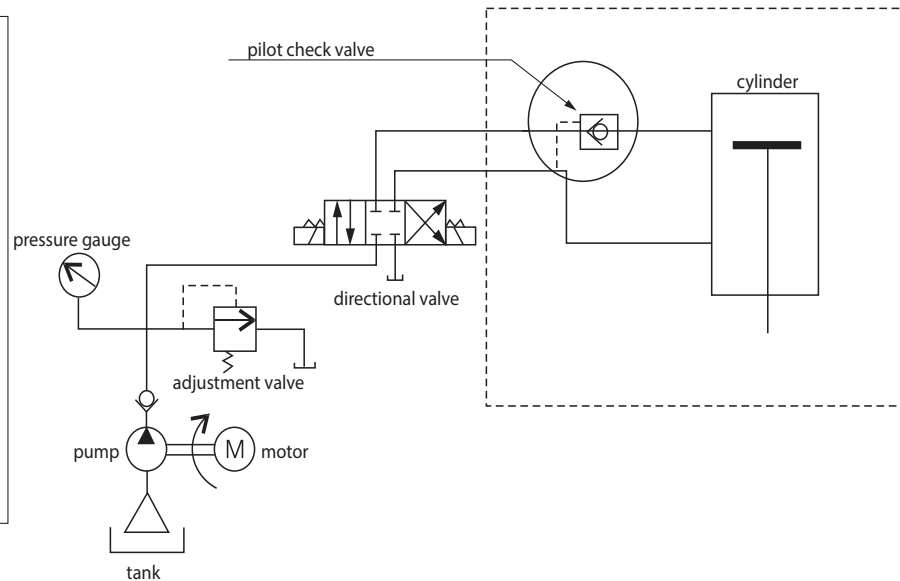
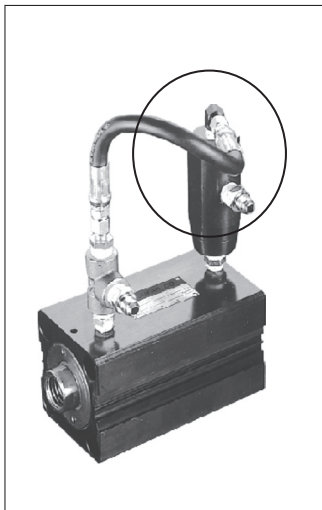


- Parts list

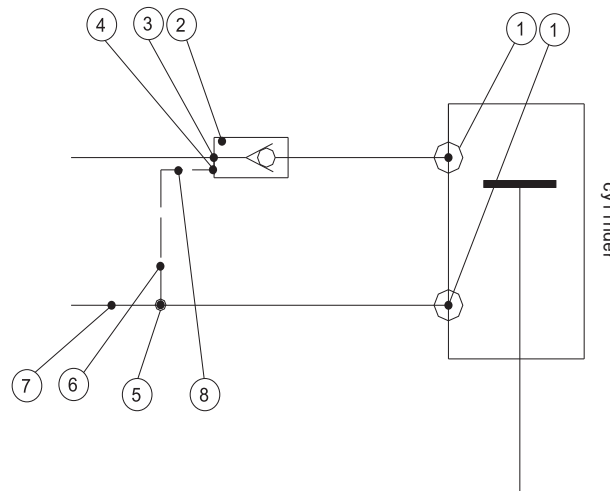
Item	Part name	Bore			Qty
		20-25	32-63	80-100	
①	Straight double ext. tooth joint	RC1/8×RC1/4	RC1/4×RC3/8	RC3/8×RC3/8	2
②	Flow control valve	KC02(RC1/4)	KC03(RC3/8)		1
③	Pilot check valve	PCVI-03(RC3/8)			1
④	Elbow connector	RC3/8×3/8HS	RC3/8×1/2HS		1
⑤	Straight connector	RC1/4×1/4HS			1
⑥	Double external tooth joint	RC1/4×RC3/8	RC3/8×RC3/8		1
⑦	Internal tee joint	RC3/8			1
⑧	Straight connector	RC3/8×1/4HS			1
⑨	Straight connector	RC3/8×3/8HS	RC3/8×1/2HS		1
⑩	Hose	ISN-02(1/4HS×400mm)			1

INSTALLATION FORM OF THROTTLE-CHECK VALVE

- Cylinders + 1 pilot check valve
- Hydraulic circuit diagram



- Assembly drawing



- Parts list

Item	Part name	Bore			Qty
		20-25	32-63	80-100	
①	Straight double ext. tooth joint	RC1/8×RC3/8	RC1/4×RC3/8	RC3/8×RC3/8	2
②	Pilot check valve	PCVI-03(RC3/8)			1
③	Straight connector	RC3/8×3/8HS	RC3/8×1/2HS		1
④	Elbow connector		RC1/4×1/4HS		1
⑤	Internal tee joint		RC3/8		1
⑥	Straight connector		RC3/8×1/4HS		1
⑦	Straight connector	RC3/8×3/8HS	RC3/8×1/2HS		1
⑧	Hose	ISN-02(1/4HS×400mm)			1

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

ISO Specifications Cylinders

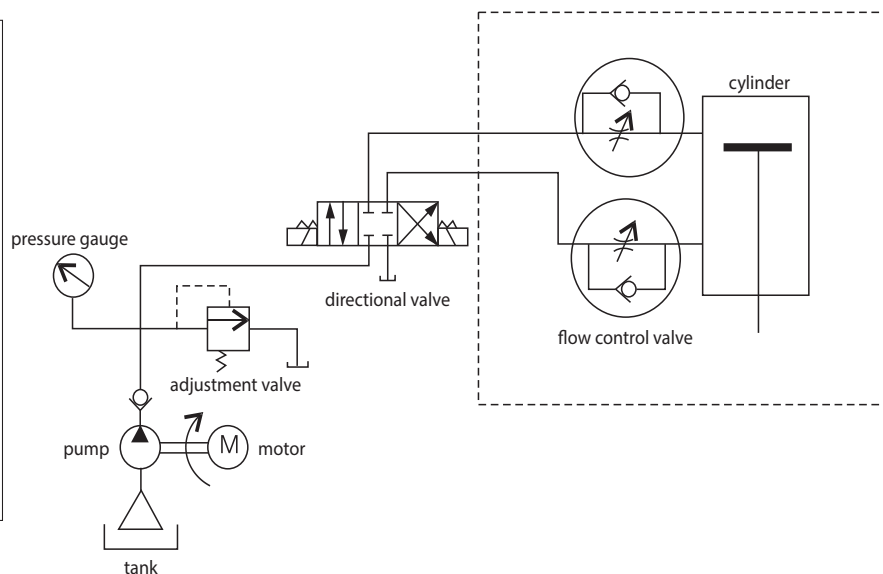
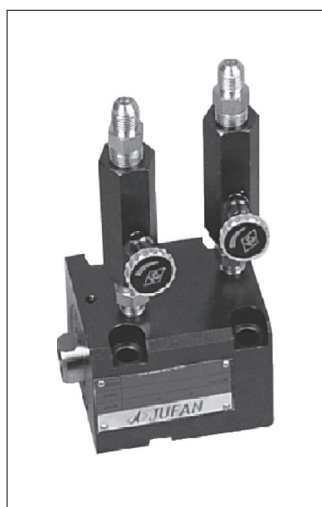
Round Hydraulic Cylinders

Specific Hydraulic Cylinders

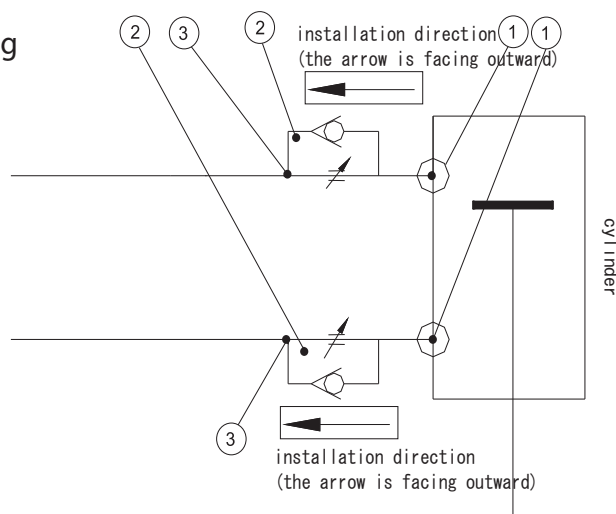
Systems & Fittings

INSTALLATION FORM OF THROTTLE-CHECK VALVE

- Cylinders + 1 flow control valve
- Hydraulic circuit diagram


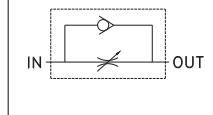
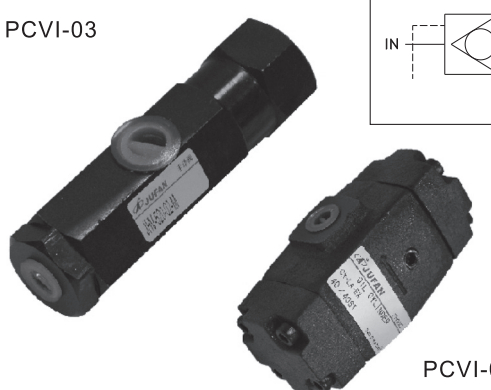
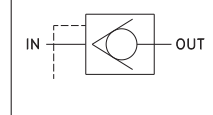
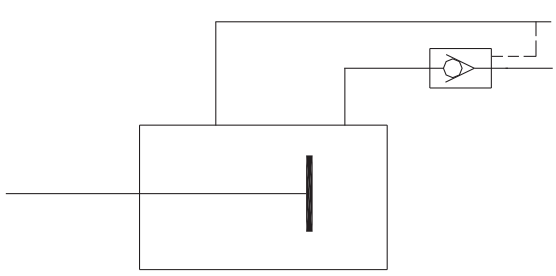


- Assembly drawing



- Parts list

Item	Part name	Bore			Qty
		20-25	32-63	80-100	
①	Straight double ext. tooth joint	RC1/8×RC1/4	RC1/4×RC3/8	RC3/8×RC3/8	2
②	Flow control valve	KC02(RC1/4)	KC02(RC3/8)	KC03	2
③	Straight connector	RC1/4×3/8HS	RC1/4×1/2HS	RC3/8×3/8HS	1

Flow control valve					Pilot check valve				
 					 				
Function 1. Adjust the speed of cylinder forward and backward. 2. Attention to the correct installation direction.					Function 1. If the pressure in the mold is too high during injection and the cylinder cannot be completely closed to withstand it, which lead to excessive product roughness. It can be considered to use. 2. Pressure resistance: 210kgf/cm ²				
Specification	Caliber (RC)	1/4	3/8	1/2	Specification	Caliber (RC)	3/8	3/8	3/4
	Flow(l/min)	12	20	30		Flow(l/min)	40	60	125
	Order indication	KC-02	KC-03	KC-04		Order indication	PCVI-03	PCV-03T	PCV-06
Applicable bore	32~63	80~100	125	Applicable bore	32~100	125~200	More than 200		
<p>! Note :</p> <ol style="list-style-type: none"> Flow control valve: Pay attention to the correct installation direction while adjust the speed of cylinder forward and backward. Pilot check valve: (1) Prevent the return of hydraulic oil and prevent the cylinder from falling due to its own weight or internal leakage. (2) If excessive product roughness during mold trial means that the injection pressure in the mold is too high, the output of the cylinder is insufficient, and there are signs of retreat. (3) Oil pressure hose contraction causes pressure drop. (4) Pilot check valves are sized in relation to flow, not pressure. (5) PCVI -03: suit for bore > Ø63 PCV-03T: suit for bore < Ø80 <p>Based on the above reasons, it can be considered to install a pilot check valve on the output side.</p> 									

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

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