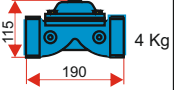
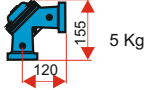
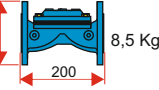
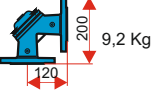
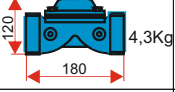
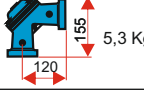
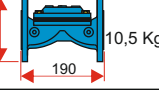
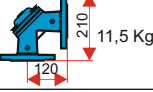
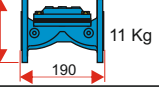
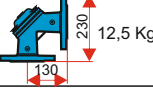
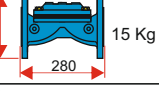
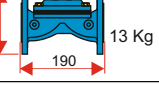
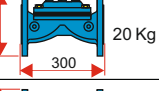
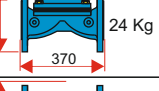
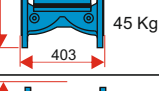
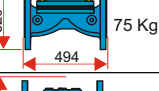
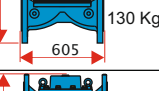
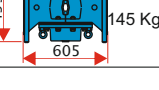


Hydraulic control valves are direct - sealing diaphragm valves activated by pipeline pressure. When in the control chamber pressure is equal to the pipeline pressure the rubber diaphragm closes the valve. The spring in the upper side of diaphragm helps valve to close regardless of pressure and flow conditions.

Expanding the pressure from control chamber ,valve opens.

The valve's only moving part is its diaphragm.

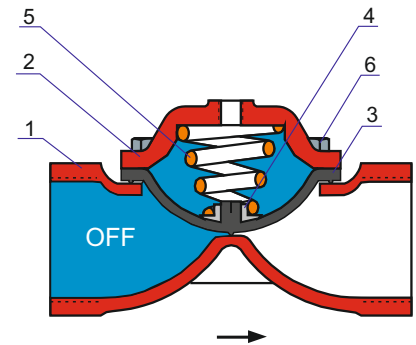
TYPES AND DIMENSIONS OF BASIC VALVE

MATERIAL		CAST IRON GG 25 - DUCTILE IRON GGG 40				
mm	Inch	CODE	THREADED	THREADED ANGLE	FLANGED	FLANGED ANGLE
50	2	V 50-50	 4 Kg	 5 Kg	 8,5 Kg	 9,2 Kg
65	2 ½	V 65-50	 4,3Kg	 5,3 Kg	 10,5 Kg	 11,5 Kg
80	3	V 80-50			 11 Kg	 12,5 Kg
80	3	V 80-80			 15 Kg	
100	4	V 10-50			 13 Kg	
100	4	V 10-10			 20 Kg	
125	5	V 12-10			 24 Kg	
150	6	V 15-15			 45 Kg	
200	8	V 20-15			 75 Kg	
250	10	V 25-20			 130 Kg	
300	12	V 30-30			 145 Kg	

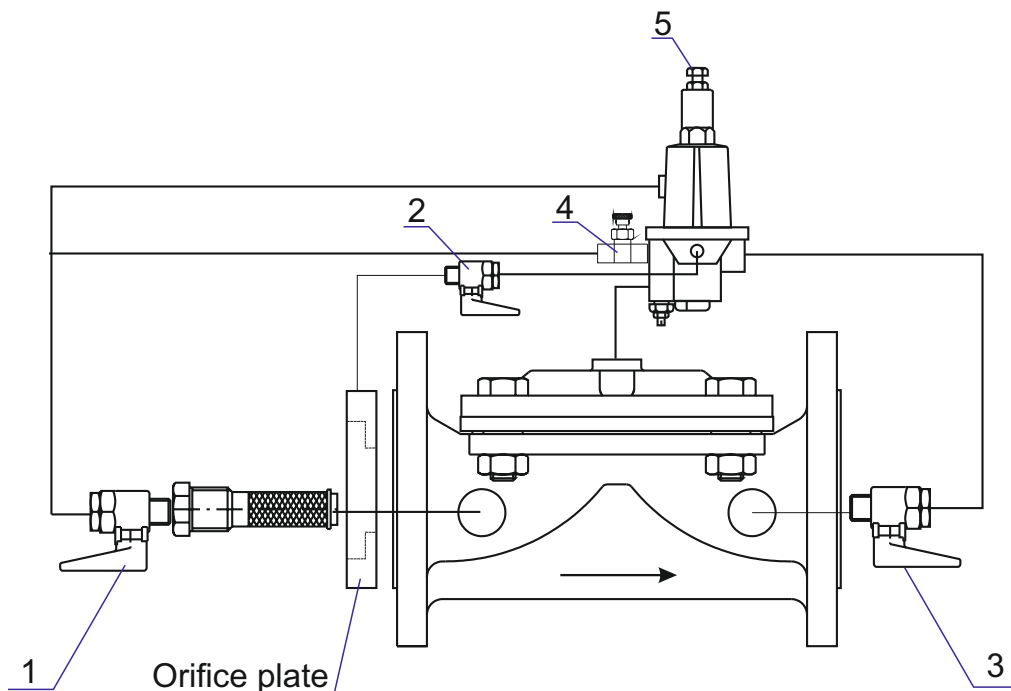


MATERIAL LIST

1	Body	D.I GGG 40
2	Cover	D.I GGG 40
3	Diaphragm	NBR
4	Spring seat	POLYAMID
5	Spring	AISI 302
6	Nuts and bolts	Coated steel



The Flow Control Valve FC - V is a hydraulically operated, diaphragm actuated control valve that maintains pre-set maximum flow, regardless of fluctuating demand or varying system pressure.



BALL VALVE 1 , 2 , 3 OPEN : THE VALVE IS READY FOR REGULATION .
 BALL VALVE 1 , 2 CLOSE & BALL VALVE 3 OPEN : THE VALVE IS FULL OPEN.
 BALL VALVE 1 , 2 OPEN , BALL VALVE 3 CLOSE : THE VALVE IS CLOSED .
 THE NEEDLE VALVE 4 CONTROL THE CLOSING SPEED .
 BOLT OF PILOT VALVE 5 : WHEN WE SCREW (CLOCKWISE) , THE
 FLOW IS INCREASED.
 WHEN WE SCREW (ANTI-CLOCKWISE), THE
 FLOW IS DECREASED.

DESCRIPTION	NORMES
Flanges	EN 1563 / EN 1092-2
Pressure	PN 10/16
Coating	Powder epoxy
Testing	EN 12266-1