GEM-FLOW™ | G500-PRPS

Pressure Reducing & Sustaining Control Valve 1-1/2" - 4"

Description

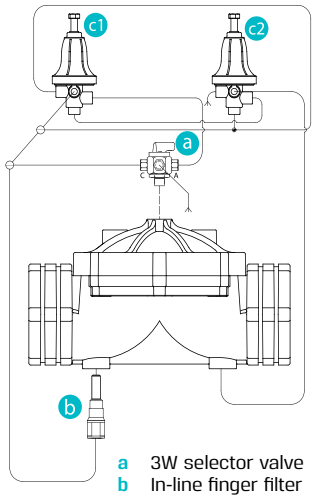
G500-PRPS model pressure reducing/sustaining hydraulic control valve reduces valve downstream pressure to desired value by sustaining upstream pressure. Two pilot valves exist on the valve. Pilot valve on upstream side is the pressure sustaining pilot valve and sustains upstream pressure. The other pilot valve is pressure reducing pilot valve and keeps downstream pressure constant by
reducing it to desired value. Reducing/sustaining control valve pumps fluid downwards; it ensures that the system works within
normal values by regulating overflow and high pressure in pumping systems. It controls upstream and downstream pressure
continuously and keeps them within constant values.

Applications

- Use G500-PRPS for protecting booster pumps and preserving set pressure downstream

Standards

- G500-PRPS: 3 Way plastic pressure reducing pilot, 3 Way plastic pressure sustaining valve, polytethylene plastic tubing system, nylon fittings and 3 Way selector



a 3W selector valve
b In-line finger filter
c1 Plastic Pressure Sustaining Pilot
c2 Plastic Pressure Reducing Pilot

How to Order

G500-PRPS	-	PORT		PRESSURE RANGE	
		1-1/2" BSPT	70	0.5-5 bar	Y
		1-1/2" NPT	71	1-10 bar	G
		2" BSPT	80		
		2" NPT	81		
		2-1/2" BSPT	85		
		2-1/2" NPT	86		
		3" BSPT	90		
		3" NPT	91		
		4" BSPT	100		
		4" NPT	101		
		4" Flange	100F		

Example: G500-PRPS-80G
GEM-FLOW™ G500 pressure reducing & sustaining 2" BSPT, 1-10 bar

* To order valves manufactured according to your specific requirements, please contact our technical sales department