Pressure control valves

Model	Model Code	Max. Working Pressure MPa	Max. Flow L/min (1 2 5 10 20 50 100 200 500 1000 2000)	Page
Relief valve	TCG20	21	03 06 10	C1-1
Solenoid controlled multi pressure relief valves	TCG 50 ~ 80	21	03 06 10	C2-1
Relief valve	CG−03	21		C3-1
Low pressure control valves	CGL	21	03 06	C4-1
Direct relief valves	C−175	21		C5-1
Remote control relief valves	CGR−02	21		C6-1
Remote control relief modules	TGMCR −3	21		C7-1
Vent-unloading shockless modules	TGMSL −3	31.5		C8-1
Unloading relief valves	URG1 URG2	21	06 10	C9-1
Direct pressure control valves (Sequence, counterbalance, relief, unload valves)	RG(2)−3	17.5		C10-1
	RG RCG	21	03 06 10	C11-1
Direct pressure reducing valves	XG1−3	17.5		C12-1
Pressure reducing valves	XG XCG	21	03 06 10	C13-1
	XGL−03	14		C13-1
Balancer valves	BLG−02 BLG−3	10.5	3 02	C14-1

Pressure control valves are used to limit pump delivery pressure, control circuit pressure, and as safety valves. For these purposes there are relief valves and reducing pressure valves which maintain circuit pressure below set levels, and sequence and unload valves which automatically switch circuits when circuit pressure reaches setting pressure.

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