

CURRENT-CONTROLLED TYPE CONTROL VALVES

Current-controlled control valves help promote labor-savings, automation, and simplification of hydraulic systems through their multi-step control, programmed control and remote control capabilities.

■ Applications

Pressure-application control, tension control, extrusion force control, balancing control, velocity control and software control for forging machines, molding machines, machine tools, metal working machines, and general industrial machinery.

Valve type	Model	Main specifications		Control amplifier
		Max. Operating pressure (MPa)	Rated flow (L/min)	
Pressure control valve	EHR3-BG5-025 EHR3-BG5R-04 EHR3-BG5R-06	21	8 to 320	ECAP-RD2
	EHG3-BG5 (K) R-03 EHG3-BG5 (K) R-06		40 to 320	
Directional / flow control valve	EHD3A-D-**-***-025A-*** EHD3A-D-**-***-03A-***	25	0.5 to 30 1 to 60	Amplifier loaded type (with setting device)
	EHD3-(Y) 60**-G3***-03 EHD3-(Y) 150**-G3***-06	21	Max. controllable flow 60 to 500	ECAD-D2
	EHD3-(Y) 150**-G3***-06-F		Max. controllable flow 150	ECAD-D1FB-*
Flow control valve	EHF3-KG80 (K) -03 EHF3-KG200 (K) -06	21	0.3 to 200	ECAF-FB2

