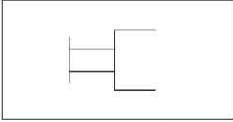
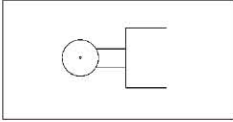
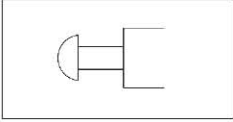
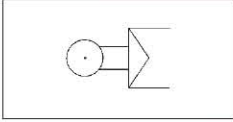
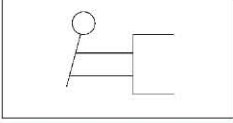
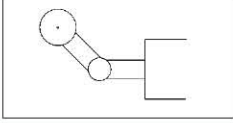
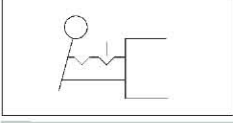
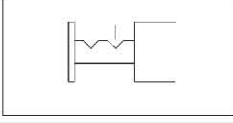
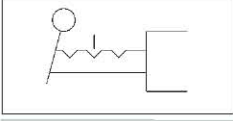
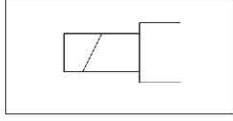
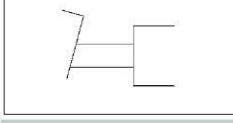
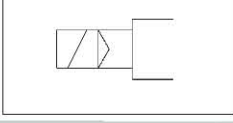
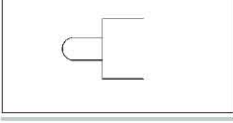
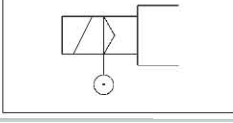
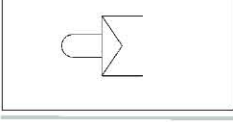
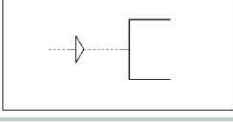



Pneumatic Symbols

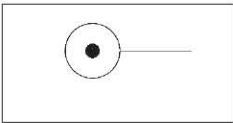


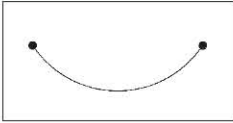


Distribution and Regulation

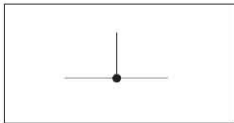
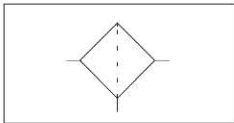
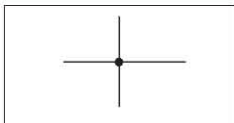
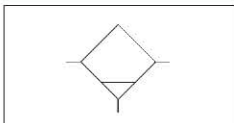
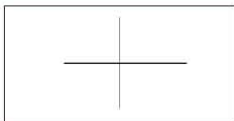
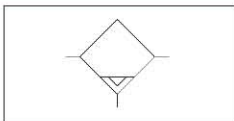
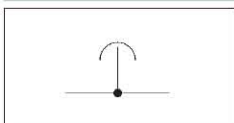
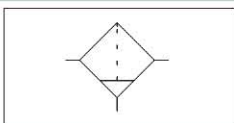
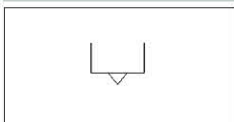
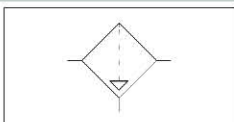
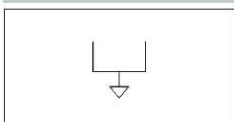
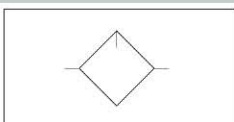
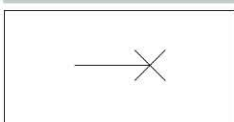
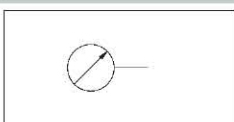

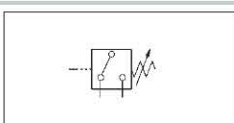
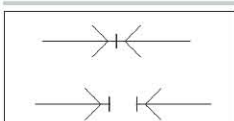
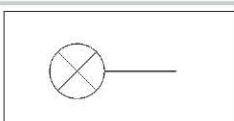
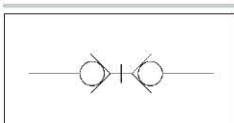
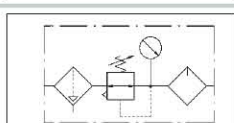
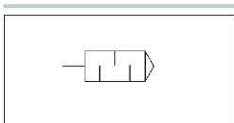
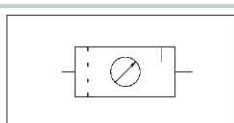
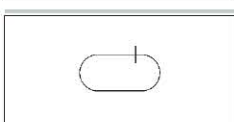
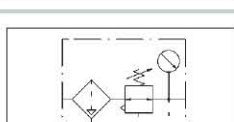
	2-way/ 2 position valve (2/2) normally closed		Quick-release valve
	2-way/ 2 position valve (2/2) normally open		Bi-directional flow regulator with variable choke
	3-way/ 2 position valve (3/2) normally closed		Unidirectional flow regulator with variable throat
	3-way/ 2 position valve (3/2) normally open (NOT element)		Sequence valve
	3-way/ 2 position valve (3/2) NC-NO		Pressure reducer without blowoff valve
	5-way/ 2 position valve (5/2)		Pressure reducer with blowoff relief valve
	5-way/ 3 position valve (5/3) pressurised centre		Pressure piloted reducer with blowoff relief valve
	5-way/ 3 position valve (5/3) open centre		Shutoff valve
	5-way/ 3 position valve (5/3) closed centre		Dual pressure valve (AND element)
	Unidirectional valve		3-way shutoff valve with pneumatic control
	Check valve with spring		3-way shutoff valve with solenoid control
	Circuit selector valve (OR element) (Shuttle valve)		3-way shutoff valve with lockable control

Controls

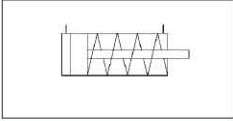
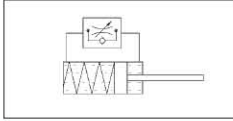
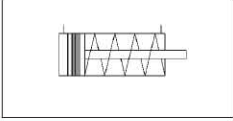
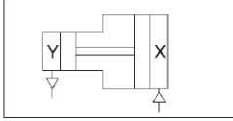
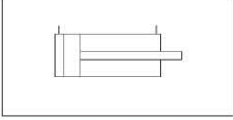
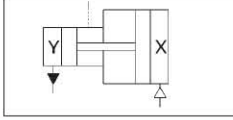
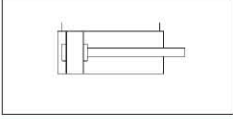
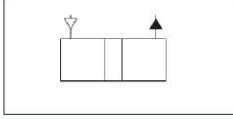
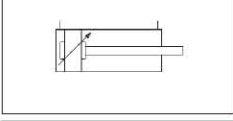
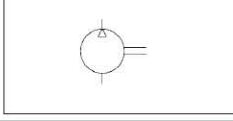
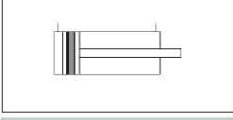
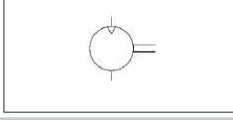
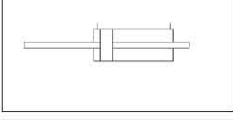
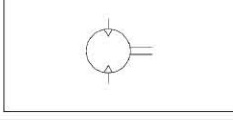
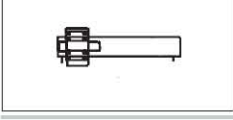
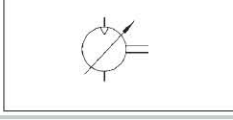
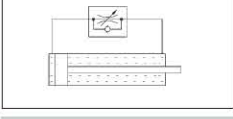
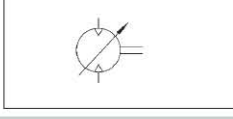
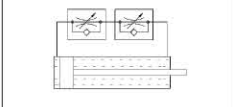
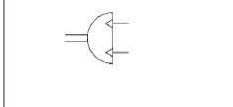
	Manual control		Mechanical control with roller lever
	Manual pushbutton control		Mechanical control with pilot assisted roller lever
	Manual lever control		Mechanical control with unidirectional roller lever
	Manual control with 2-position detented lever		Mechanical control with detent
	Manual control with 3-position detented lever		Electrical control
	Manual pedal-operated control		Solenoid control with internal pilot assist
	Mechanical control with plunger		Solenoid, with external pilot-assisted control
	Mechanical control with pilot assisted plunger		Pneumatic control
	Mechanical control with spring		

Transmission and Preparation

	Pneumatic pressure source		Discharge line
	Operating line		Flexible line connection
	Pilot Line		Electric cable

	Line connection (welding, screwing)		Filter
	Line connection (welding, screwing)		Condensate separator with manual discharge
	Crossing of unconnected lines		Condensate separator with automatic discharge
	Discharge point		Filter with condensate separator with manual discharge
	Discharge hole without connection		Filter with condensate separator with automatic discharge
	Discharge with connection		Lubricator
	Power pick-up point with closing cap		Pressure gauge
	Power pick-up point with port		Pressure switch
	Quick-fit coupling without check valve		Optical tester
	Quick Release - Self Sealing Coupling - connected (mechanically opened)		FRL + pressure gauge maintenance unit
	Silencer		FRL + pressure gauge simplified maintenance unit
	Tank		FR + pressure gauge maintenance unit

Transformation

	Single acting cylinder		Cushion
	Single acting magnetic cylinder		Pressure multiplier for fluids with identical characteristics
	Double acting cylinder		Pressure multiplier for fluids with different characteristics
	Double acting cylinder with non-adjustable cushioning		Pneumatic/hydraulic transducer
	Double acting cylinder with adjustable cushioning		Constant volume compressor
	Double acting magnetic cylinder (cushioning available)		Constant volume pneumatic motor unidirectional flow
	Double acting cylinder with through-rod (magnetic/cushioning available)		Constant volume pneumatic motor bidirectional flow
	Rodless cylinder (magnetic/cushioning available)		Variable volume pneumatic motor unidirectional flow
	Hydraulic brake with adjustment in one direction only		Variable volume pneumatic motor bi-directional flow
	Hydraulic brake with adjustment in both directions		Rotary pneumatic actuator