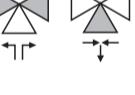


■ Series 9000 compatibility table

Series 9000 actuators with 2 way, 3 way, 4 way and 6 way valves

FIRST®

- Recommended
- Alternative
- 2PND - 2 point control non-defined
- 2P - 2 point control
- 3P - 3 point control
- MOD - Modulating signal

		S9000												
Valve type	Valve variants	2PND	2PND	2PND (DIV)	2P		3P			3P MIX	MOD X (Modulating signal 0-10V)			
		8s/60°	12s/90°	12s/90°	20s/90°	40s/90°	20s/90°	40s/90°	80s/90°	110s/90°	110s/90°	20s/90°	40s/90°	110s/90°
2w zone ball valves DN15-DN32	 FBV 220 internal threads  FBV 221 internal thread, union fitting  FBV 222 union fittings  FBV 223 external threads  FBV 224 compression fittings													
														
														
														
														
2w control ball valves DN15-DN32	 FBV 220-M internal threads  FBV 221-M internal threads, union fittings  FBV 222-M union fittings  FBV 223-M external threads  FBV 224-M compression fittings													
														
														
														
														
														
3w vertical mixing/diverting ball valves DN20-DN32	 FBV 234 internal threads  FBV 237 union fittings  FBV 238 external threads  FBV 244 compression fittings													
														
														
														
														
4-way valves DN20	FBV 400 external/internal threads													
6-way valves DN20	FBV 600 internal threads													

Series 9000 compatibility table

Series 9000 actuators with 2 way, 3 way, 4 way and 6 way valves

FIRST®

■ Recommended

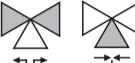
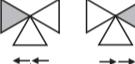
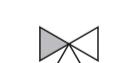
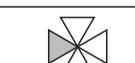
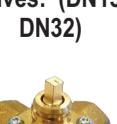
■ Alternative

2PND - 2 point control non-defined

2P - 2 point control

3P - 3 point control

MOD - Modulating signal

		S9000											
Valve type	Valve variants	2PND	2PND	2PND (DIV)	2P		3P			3P MIX	MOD X / MOD X MIX (Modulating signal 0-10V)		
		8s/60°	12s/90°	12s/90°	20s/90°	40s/90°	20s/90°	40s/90°	80s/90°	110s/90°	110s/90°	20s/90°	40s/90°
3w horizontal ball valves (DN15-DN20)	   				■	■	■	■	■			■	■
Vertical rotary diverting valves	  		■										
3w horizontal rotary mixing valves: (DN15-DN32)	   									■		■	■
3w horizontal rotary diverting valves: (DN15-DN32)	   				■								
3w mixing valves H-151C with by-pass and pump connection	 				■						■		■
4w horizontal rotary mixing valves: (DN15-DN32)	 										■		■