

## RAF HYDRAULIC VALVES

*Pilot selection criteria for control functions on valves from 1" 1/2 to 8"*

2-way	Pilot	3-way
Yes	Control Static pressure	No
1 bar minimum	Pressure losses	Low
Excellent	Control accuracy	Good
Sensitive	Sensitivity to sediment-laden water	Not sensitive
Rapid Adjustable	Reaction time	Slow
No	Water ejected during control	Yes
3.5/1 4/1	Control ratio	2.5/1

*Operating ranges*

Diameter		Opening – Closing		
		Min.	Control	
			Optimum	Max.
1" 1/2	40/49	3 m <sup>3</sup> /h	15 m <sup>3</sup> /h	25 m <sup>3</sup> /h
2"	50/60	3 m <sup>3</sup> /h	25 m <sup>3</sup> /h	40 m <sup>3</sup> /h
3" 2" 3"	80/90	7 m <sup>3</sup> /h	25 m <sup>3</sup> /h	50 m <sup>3</sup> /h
2" 1/2	66/76	5 m <sup>3</sup> /h	40 m <sup>3</sup> /h	60 m <sup>3</sup> /h
3"	ND 80	7 m <sup>3</sup> /h	60 m <sup>3</sup> /h	90 m <sup>3</sup> /h
4"	ND 100	15 m <sup>3</sup> /h	80 m <sup>3</sup> /h	150 m <sup>3</sup> /h
6"	ND 150	15 m <sup>3</sup> /h	150 m <sup>3</sup> /h	320 m <sup>3</sup> /h
8"	ND 200	25 m <sup>3</sup> /h	250 m <sup>3</sup> /h	550 m <sup>3</sup> /h