TECHNICAL DATA

Figure 305 PICV

Flow rate selection chart

Select smallest valve suitable for required flow rate - this ensures valve operates at most fully open position with maximum stem travel for actuated flow control

select valve for 0.075l/s from table DN15LF (setting 100% open) or DN15 (setting 60% open) or DN20 (setting 30% open)
DN15LF or DN15 would be best selections, DN20 at 30% open is close to minimum setting

select valve for 0.237l/s from table DN20 (95% open) or DN25 (50% open)
DN20 would be best selection

DN 10LF(3/8")		DN 15LF(1/2")		DN 15(1/2")		DN 20(3/4")		DN 25(1")		DN 32(11/4")		DN 40(11/2")		DN 50(2")	
setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s	setting %	flow rate l/s
20	0.008	20	0.015	20	0.025	20	0.050	20	0.094	20	0.178	20	0.416	20	do not select below 40% open
25	0.010	25	0.019	25	0.031	25	0.063	25	0.118	25	0.222	25	0.520	25	
30	0.013	30	0.023	30	0.038	30	0.075	30	0.142	30	0.267	30	0.625	30	
35	0.015	35	0.027	35	0.044	35	0.088	35	0.165	35	0.311	35	0.729	35	
40	0.017	40	0.031	40	0.050	40	0.100	40	0.189	40	0.356	40	0.833	40	1.386
45	0.019	45	0.034	45	0.056	45	0.113	45	0.213	45	0.400	45	0.937	45	1.562
50	0.021	50	0.038	50	0.063	50	0.125	50	0.236	50	0.444	50	1.041	50	1.736
55	0.023	55	0.042	55	0.069	55	0.138	55	0.260	55	0.489	55	1.145	55	1.909
60	0.025	60	0.046	60	0.075	60	0.150	60	0.283	60	0.533	60	1.250	60	2.083
65	0.027	65	0.050	65	0.081	65	0.163	65	0.307	65	0.578	65	1.354	65	2.256
70	0.029	70	0.053	70	0.088	70	0.175	70	0.331	70	0.622	70	1.458	70	2.430
75	0.031	75	0.057	75	0.094	75	0.188	75	0.354	75	0.667	75	1.562	75	2.604
80	0.033	80	0.061	80	0.100	80	0.200	80	0.378	80	0.711	80	1.666	80	2.777
85	0.035	85	0.065	85	0.106	85	0.213	85	0.401	85	0.756	85	1.770	85	2.951
90	0.038	90	0.069	90	0.113	90	0.225	90	0.425	90	0.800	90	1.875	90	3.125
95	0.040	95	0.073	95	0.119	95	0.238	95	0.449	95	0.844	95	1.979	95	3.298
100	0.042	100	0.076	100	0.125	100	0.250	100	0.472	100	0.889	100	2.083	100	3.472