

Table 1.0 – Application Guidelines PRCV Pipeline Rotary Control Valves

Type	Sizes	Max Differential Above Ground Control	Max Pressure Drop Ratio (DP/D ₁) Above Ground	Max Differential Below Ground Control	Max Pressure Drop Ratio (DP/D ₁) Below Ground	Below Ground Usage	Max Exit Velocity	Installation	Application
PRCV-FP	2-42 in	100 psid	0.20	1000 psid	0.80	Preferred	700 fps	ALL APPLICATIONS	MONITOR
PRCV-STH1	6-36 in	200 psid	0.30	1000 psid	0.80	Preferred	450 fps	PIPELINE	MONITOR FCV
PRCV-STH2	6-24 in	400 psid	0.40	1000 psid	0.80	Less Preferred	450 fps	PIPELINE	FCV PCV
PRCV-STH4	16-24 in	1000 psid	0.60	1500 psid	0.80	Less Preferred	450 fps	PIPELINE	FCV PCV
PRCV-STH5	6-12 in	1000 psid	0.50	1500 psid	0.80	Applicable	450 fps	PIPELINE	FCV PCV
PRCV-STHP	4-24 in	1000 psid	0.50	1500 psid	0.80	Applicable	450 fps	POWER PLANT & COMPRESSOR	PCV ASV RECYCLE VALVE

Notes:

1. Above Application Guidelines are intended to facilitate appropriate application of VRG PRCV Pipeline Rotary Control Valves
2. The above Guidelines do not guarantee satisfactory operation. VRG Controls recommends verification of appropriate application via our station design / control valve sizing software "VRGSize" or by consultation with VRG Controls engineering / sales team.