

**Table 1.0 –Application Guidelines PRCV Pipeline Rotary Control Valves – REV 102324<sup>1,2</sup>**

Type	Sizes	Rec. Max Differential Above Ground Control	Rec. Max Pressure Drop Ratio (DP/D <sub>1</sub> ) Above Ground	Rec. Max Differential Below Ground Control	Rec. Max Pressure Drop Ratio (DP/D <sub>1</sub> ) Below Ground	Below Ground Usage	Rec. Max Exit Velocity	Installation	Application
<b>PRCV-FP</b> Soft Seat	2-42 in	100 psid	0.20	1000 psid	0.80	Preferred	700 fps	ALL APPLICATIONS	MONITOR
<b>PRCV-STH1</b> Soft Seat	4-36 in	200 psid	0.30	1000 psid	0.80	Preferred	450 fps	PIPELINE	MONITOR FCV
<b>PRCV-STH2</b> Soft Seat	4-24 in	300 psid	0.40	1000 psid	0.80	Less Preferred	450 fps	PIPELINE	FCV PCV
<b>PRCV-STH4</b> Soft Seat	6-24 in	1000 psid	0.60	1500 psid	0.80	Less Preferred	450 fps	PIPELINE	FCV PCV
<b>PRCV-STH4L</b> Soft Seat	6-24 in	1000 psid	0.60	1500 psid	0.80	Less Preferred	450 fps	PIPELINE POWER PLANT	FCV PCV
<b>PRCV-STHP</b> Metal Seat	4-20 in	1000 psid	0.50	1500 psid	0.80	Applicable	450 fps	COMPRESSOR <sup>3</sup> ONLY	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.
3. 4 in PRCV-STHP may be utilized for all applications including Pipeline, Power Plant, and Compressor installations.