

Airpot® Snubber Comparison Table

Model	Airpot 2KS160S	Airpot 2KS240S	Airpot 2KS325S	Airpot 2K444S
Piston diameter	0.627 inch 15.93 mm	0.945 inch 24 mm	1.281 inch 32.53 mm	1.75 inch 44.4 mm
Stroke in inch (standard)	1.1	1.3	2.3	2.3
Stroke in mm (standard)	27.4	33.02	58.42	58.42
Energy dissipation	0 - 0.3 ft/lbs 0 - 0.41 Nm	0 - 0.75 ft/lbs 0 - 1.02 Nm	0 - 3 ft/lbs 0 - 4.1 Nm	0 - 7 ft/lbs 0 - 9.49 Nm
Spring force Extended Retracted	0.16 lb / 0.71 N 0.28 lb / 1.25 N	0.13 lb / 0.56 N 0.27 lb / 1.2 N	0.25 lb / 1.11 N 0.5 lb / 2.22 N	0.25 lb / 1.11 N 0.5 lb / 2.22 N
Typical push rod reset time Fully opened valve Fully closed valve	30 ms 50 ms	60 ms 90 ms	70 ms 150 ms	161 ms 430 ms
Friction coefficient	0.2	0.2	0.2	0.2
Friction in g (without side load)	<1	<1	<4	<8
Temperature range	- 55 to + 150 °C	- 55 to + 150 °C	- 55 to + 150 °C	- 55 to + 150 °C