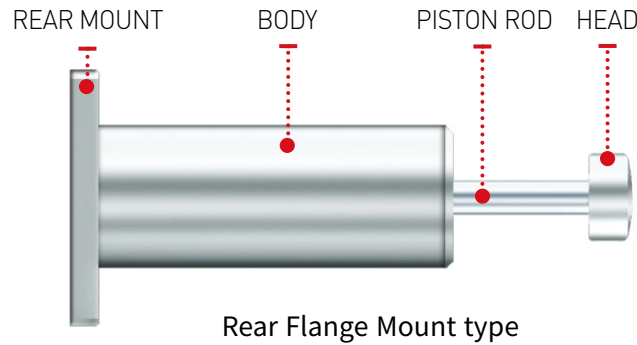


KVD Series Elasto-Fluid Heavy Duty Buffer

KVD Series is developed on behalf of spring or shock absorber by fluid statics' compression principle and even it is simple and robust and that can exert a large damping despite of small appearance. Because KVD Series has spring and shock absorption function in one structure, such return device such as Gas spring and Coil Spring is not needed and has a long lasting feature of damping performance in wide temperature range.



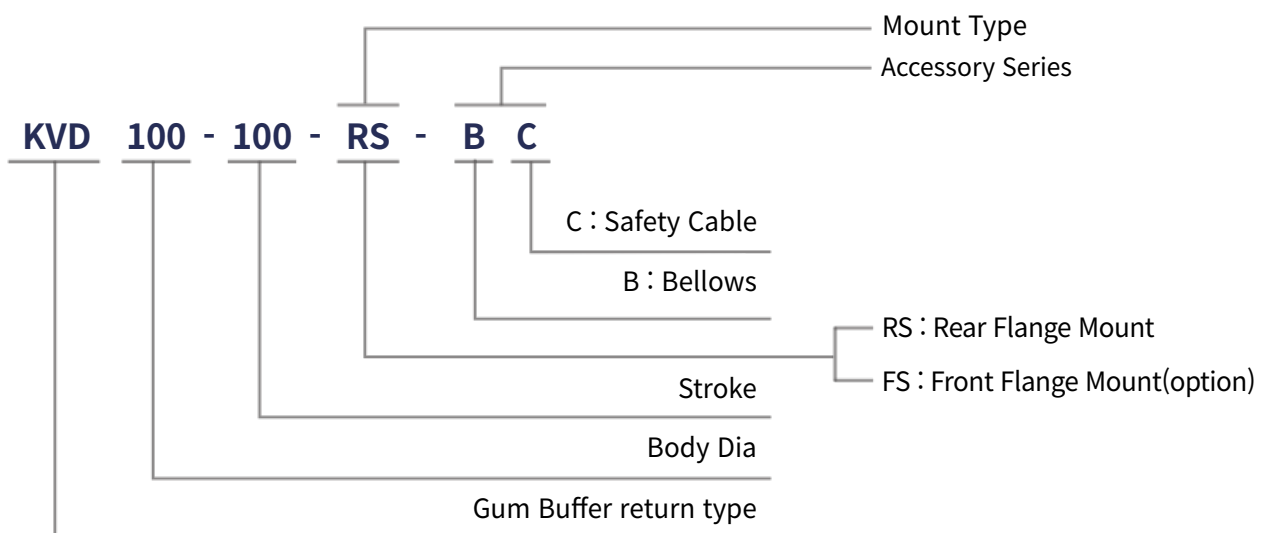
Feature

- No need of maintenance for a long time because there is no leakage.
- 700kN up to 1,500kN (Order Made possible)
- Temperature ranges : -20~80°C
- Piston Rod : Hard Chrome (25µm or more)
- Impact velocity : 0.02~5m/s
- Bellows and safety cables are optional
- Body Protection : White Zinc Plating
- Special Type - Painting
 - Standard temperature Range : -40°C~120°C

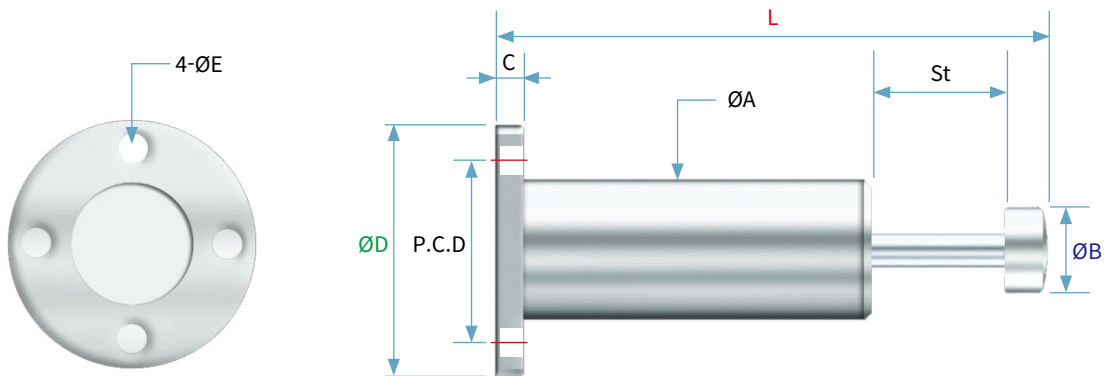
Application

- ✓ All industries related to Shock absorption and control

KVD Series Ordering Information



KVD Series

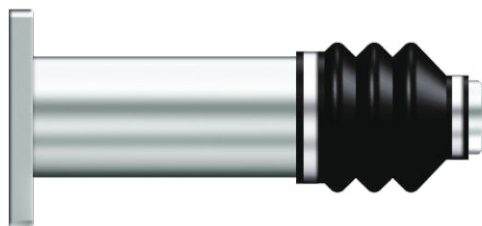


Engineering Data & Dimensions

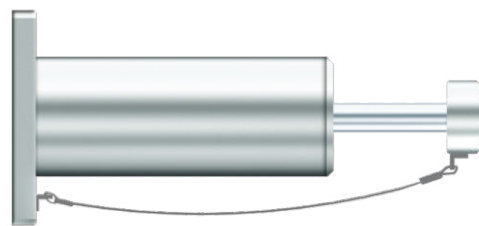
Model	Stroke (mm) St	Max. Energy /Cycle(kJ)	Max. Dynamic Force(kN)	Preload (kN)	L (mm)	ØA (mm)	ØB (mm)	C (mm)	ØD (mm)	P.C.D (mm)	4-ØE (mm)	Weight (kg)
KVD55- 50	50	3	76	4	220	55	28	12	90	70	4-Ø9	3
KVD100- 50	50	9	236	23	250	100	32	17	155	130	4-Ø18	9
-100	100	18			360							11
KVD130-100	100	33	421	40	385	130	54	28	222	176	4-Ø26	19
-150	150	50			495							20
KVD180-100	100	51	643	88	430	180	58	45	322	251	8-Ø30	46
-200	200	102			650							50
-300	300	154			880							56

Visco-Elastic Buffer

Accessory



Bellows Cover



Safety Cable