Features

AD14, AD20

1.0~270° one-side eccentric adjustment effectively enlarges the adjustment range.
2. One-hole damping structure(-5 series) and multi-hole buffering structure are available for your selection according to your specific requirements.
3. Full thread of outer pressure cylinder is flexible for installation and adjustment.
4. Combination of special purpose sealing device and special hydraulic oil enhances the buffering properties and service life.

Ordering code

AD – 25 25 – 2 – □

Model

AD	Adjustable mode

Outer diameter

Impact stroke

Impact speed

1	High impact speed
2	Medium impact speed
3	Low impact speed

Buff cap

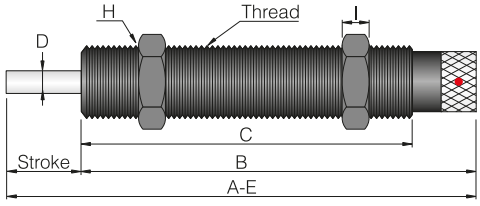
Blank	With cap
N	Wtihout cap

Specifications

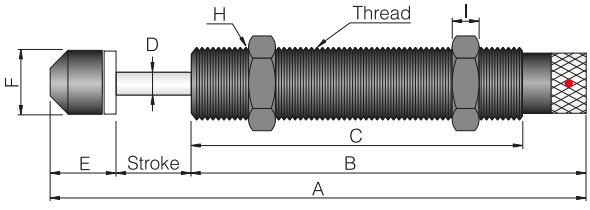
Model	Stroke (mm)	Max. absorbing energy per cycle E(Nm)	Max. absorb. energy hour Ec(Nm/hr)	Max. effective mass (kg)	Max. impact speed (m/s)	Operating temperature (℃)
AD-1410-N	10	20	24,000	80	3.2	-10~+85
AD-1410	10	20	24,000	80	3.2	-10~+85
AD-1415-N	15	22	26,400	120	3.2	-10~+85
AD-1415	15	22	26,400	120	3.2	-10~+85
AD-2016N	16	25	32,000	200	3.6	-10~+85
AD-2016	16	25	32,000	200	3.6	-10~+85
AD-2025-N	25	39	39,000	312	3.6	-10~+85
AD-2025	25	39	39,000	312	3.6	-10~+85

Dimensions

AD1410
AD1415
AD2016
AD2025



Without cap



With cap

Model	Thread	Stroke (mm)	A	B	C	D	E	F	H	I
AD-1410-N	M14×1.5	10	-	83.2	65.7	4	-	-	19	6
AD-1410	M14×1.5	10	105.2	83.2	65.7	4	12	12	19	6
AD-1415-N	M14×1.5	15	-	102	85	4	-	-	19	6
AD-1415	M14×1.5	15	129	102	85	4	12	12	19	6
AD-2016N	M20×1.5	16	-	117	101	6	-	-	26	8
AD-2016	M20×1.5	16	148.8	117	101	6	15.8	18	26	8
AD-2025-N	M20×1.5	25	-	117	101	6	-	-	26	8
AD-2025	M20×1.5	25	157.8	117	101	6	15.8	18	26	8

Features

AC25XX, AC36XX

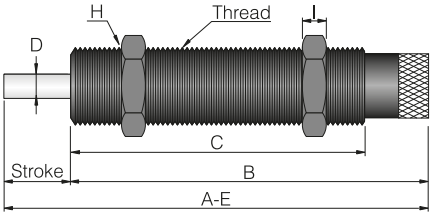
1.0~270° one-side eccentric adjustment effectively enlarges the adjustment range.
2. One-hole damping structure (-5 series) and multi-hole buffering structure are available for your selection according to your specific requirements.
3. Full thread of outer pressure cylinder is flexible for installation and adjustment.
4. Combination of special purpose sealing device and special hydraulic oil enhances the buffering properties and service life.

Specifications

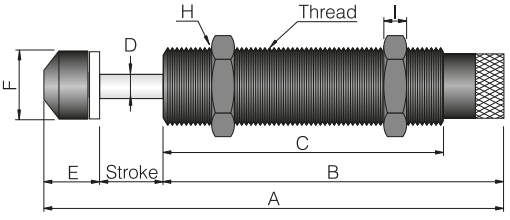
Model	Stroke (mm)	Max. absorbing energy per cycle E(Nm)	Max. absorb. energy hour Ec(Nm/hr)	Max. effective mass (kg)	Max. ilmpact speed (m/s)	Operating temperature (℃)
AD-2525-N	25	85	51,000	400	3.6	-10~+85
AD-2525	25	85	51,000	400	3.6	-10~+85
AD-2530-N	30	95	57,000	480	3.6	-10~+85
AD-2530	30	95	57,000	480	3.6	-10~+85
AD-2540	40	100	84,000	700	3.6	-10~+85
AD-2550	50	98	98,000	720	4.2	-10~+85
AD-2580	80	150	127,000	800	4.2	-10~+85
AD-3625	25	150	90,000	1,400	3.2	-10~+85
AD-3650	50	300	108,000	1,400	3.2	-10~+85

Dimensions

AD2525
AD2530

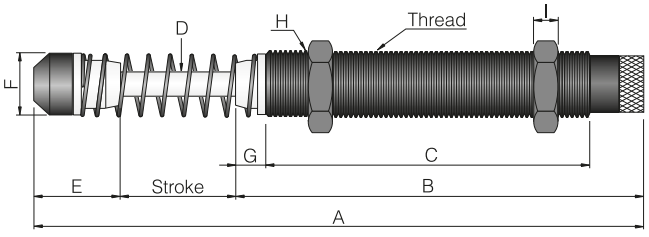


Without cap

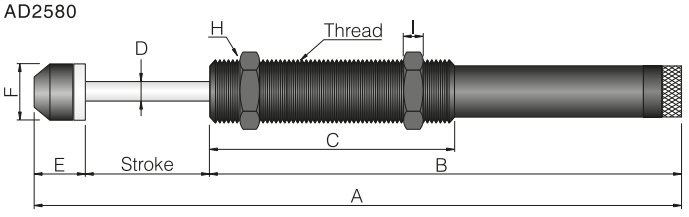


With cap

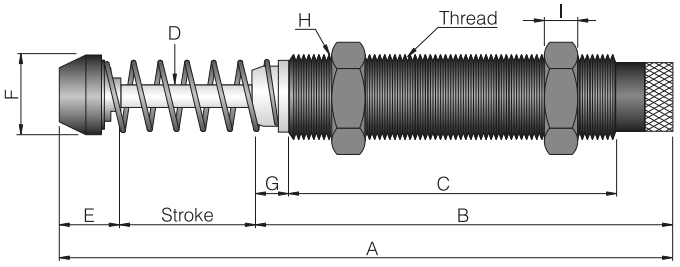
AD2540



AD2550
AD2580



AD3625
AD3650



Model	Thread	Stroke (mm)	A	B	C	D	E	F	G	H	I
AD-2525-N	M25×1.5	25	-	118.5	101	8	-	-	-	32	10
AD-2525	M25×1.5	25	162	118.5	101	8	18.5	22	-	32	10
AD-2530-N	M25×1.5	30	-	118.5	101	8	-	-	-	32	10
AD-2530	M25×1.5	30	167	118.5	101	8	18.5	22	-	32	10
AD-2540	M25×1.5	40	221.5	144.5	117	8	37	22	10	32	10
AD-2550	M25×1.5	50	246.5	178	100	8	18.5	22	-	32	10
AD-2580	M25×1.5	80	343	244.5	100	8	18.5	22	12.5	32	10
AD-3625	M36×1.5	25	183	133	103	10	25	35.5	10	46	10
AD-3650	M36×1.5	50	246	171	134	10	25	35.5	17	46	15

Features

AC42XX, AC64XX

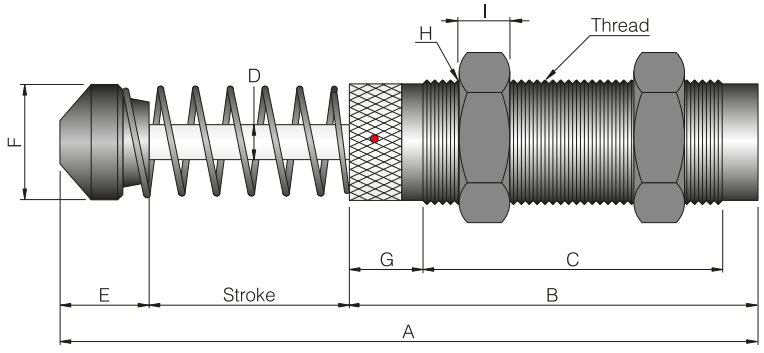
1. Special inner pressure cylinder combination and adjustment structure can bear strong impact force.
2. 2~3mm of the stroke end has strong buffering area. It prevents from directly touching the bottom and damaging the product.
3. In order to ensure the usage safety, be sure to confirm the bearing weight of the carrier before use.
4. Fixing modes are divided into nut fixing and flange fixing.
5. Be sure to stop at 2-3mm before the stroke. It prevents overload from touching the bottom and damaging internal parts.

Specifications

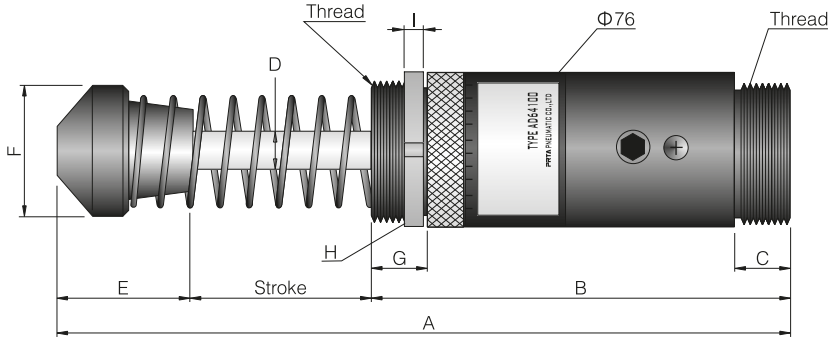
Model	Stroke (mm)	Max. absorbing energy per cycle E(Nm)	Max. absorb. energy hour Ec(Nm/hr)	Max. effective mass (kg)	Max. impact speed (m/s)	Operating temperature (℃)
AD-4225	25	260	130,000	3,000	3.6	-10~+85
AD-4250	50	500	155,000	4,000	4.8	-10~+85
AD-4275	75	750	187,000	6,000	4.8	-10~+85
AD-64050	50	12,000	1,560,000	12,727	1.6	-10~+85
AD-64100	100	24,000	1,920,000	18,181	1.6	-10~+85
AD-64150	150	36,000	2,520,000	23,636	1.6	-10~+85

Dimensions

AD4225
AD4250
AD4275



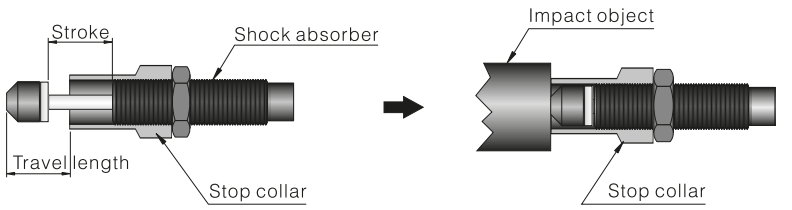
AD64050
AD64100
AD64150



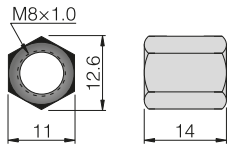
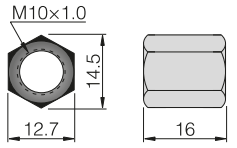
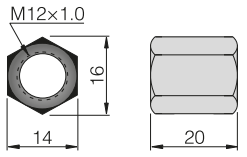
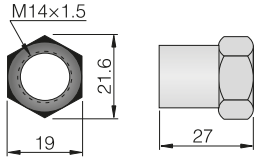
Model	Thread	Stroke (mm)	A	B	C	D	E	F	G	H	I
AD-4225	M42×1.5	25	186	127.5	88	12	33.5	44.5	28.5	50	15
AD-4250	M42×1.5	50	245.5	157	117.5	12	38.5	44.5	28.5	50	15
AD-4275	M42×1.5	75	301	187.5	148	12	38.5	44.5	28.5	50	15
AD-64050	UNF21/2-12	50	247	146	26	20	51	59	23	76.2	9.4
AD-64100	UNF21/2-12	100	347	196	26	20	51	59	23	76.2	9.4
AD-64150	UNF21/2-12	150	467	256	26	20	61	59	23	76.2	9.4

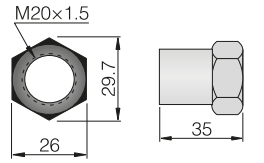
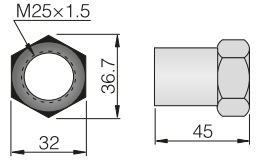
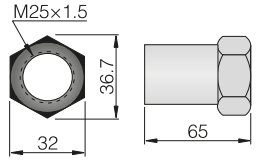
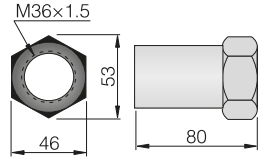
With a impact head or without head product, you can small adjust or set travel, improve product life

Example Of Application

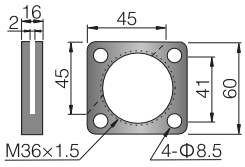


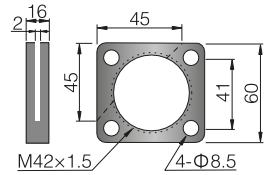
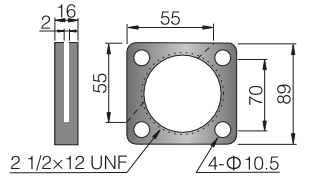
Stop collars

Specification	Dimemsions	Applicable for shock absorber model
SC08		AC0806
SC10		AC1005 AC1007 AC1008
SC12		AC1210
SC14		AC1412 AD1410 AC1416 AD1415 AC1420 AD1425 AC1425

Specification	Dimemsions	Applicable for shock absorber model
SC20		AC2015 AD2016 AC2020 AD2020 AC2030 AD2025 AC2050
SC25		AC2525 AD2525 AC2550 AD2530 AC2580 AD2550 AD2580
SC40		AC2540 AD2540
SC50		AC3660 AD3625 AD3650

Mounting flange

Specification	Dimemsions	Applicable for shock absorber model
F36		AC3660 AD3650

Specification	Dimemsions	Applicable for shock absorber model
F42		AD4225 AD4250 AD4275
F64		AD64050 AD64100 AD64150