

Shock
Absorber

AC

AD

HR

HRT



Features

AC0604, 0806, 1005, 1008, 1210

1. Small bulk, compact structure suit the narrow space.
2. It can not be disassembled for the high safety properties.
3. Full thread of outer pressure cylinder is for flexible installation and adjustment.
4. Load can not be directly acted on end cap. Otherwise deformed end face will badly affect the stroke resetting.

Ordering code

AC		-	20		25	-	2	-	
Model				Impact stroke				Buff cap	
AC	Multi-hole non-adjustable mode								Blank
								With cap	
								N	
								Without cap	

Features

AC14XX, AC20XX

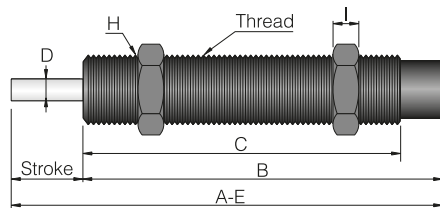
1. Automatic compensation structure satisfy the energy absorption requirements under different conditions.
2. AC-2/3 Series about 1-2mm of stroke end has strong buffer area. It prevents from directly touching the bottom and damaging the prdduct.
3. Combination of special-purpose sealing device and special hydraulic oil enhances the buffering performance and service life.
4. Fullthread of outer pressure cylinder is flexible for installation and adjustment.

Specifications

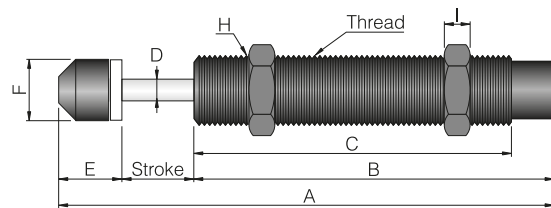
Model	Stroke (mm)	Max. absorbing energy per cycle E(Nm)	Max. absorb. energy hour Ec(Nm/hr)	Max. effective mass (kg)	Max. impact speed (m/s)	Operating temperature (°C)
AC-1412-1	12	15	36,000	8	3.0	-10~+85
AC-1412-2	12	15	36,000	50	1.5	-10~+85
AC-1412-3	12	15	36,000	100	0.8	-10~+85
AC-1416-1	16	20	40,000	10	3.0	-10~+85
AC-1416-2	16	20	40,000	70	1.5	-10~+85
AC-1416-3	16	20	40,000	150	0.8	-10~+85
AC-1416-1	16	20	35,000	10	3.0	-10~+85
AC-1416-2	16	20	35,000	70	1.5	-10~+85
AC-1416-3	16	20	35,000	150	0.8	-10~+85
AC-1425-1	25	25	48,000	12	3.0	-10~+85
AC-1425-2	25	25	48,000	80	1.5	-10~+85
AC-1425-3	25	25	48,000	160	0.8	-10~+85
AC-2020-1	20	40	48,000	30	3.5	-10~+85
AC-2020-2	20	40	48,000	200	2.0	-10~+85
AC-2020-3	20	40	48,000	700	1.0	-10~+85
AC-2030-1	30	50	54,000	30	3.5	-10~+85
AC-2030-2	30	50	54,000	200	2.0	-10~+85
AC-2030-3	30	50	54,000	700	1.0	-10~+85
AC-2050-1	50	60	66,000	60	3.5	-10~+85
AC-2050-2	50	60	66,000	400	2.0	-10~+85
AC-2050-3	50	60	66,000	1,200	1.0	-10~+85

Dimensions

AC-1412
AC-1416
AC-1416-C
AC-1425
AC-2020
AC-2030
AC-2050



Without cap



With cap

Model	Thread	Stroke (mm)	A	B	C	D	E	F	H	I
AC-1412-1	M14×1.5	12	100.2	76.2	67	4	12	12	19	6
AC-1412-2	M14×1.5	12	100.2	76.2	67	4	12	12	19	6
AC-1412-3	M14×1.5	12	100.2	76.2	67	4	12	12	19	6
AC-1416-1	M14×1.5	16	123	95	86	4	12	12	19	6
AC-1416-2	M14×1.5	16	123	95	86	4	12	12	19	6
AC-1416-3	M14×1.5	16	123	95	86	4	12	12	19	6
AC-1416-1	M14×1.5	16	104	76	67	4	12	12	19	6
AC-1416-2	M14×1.5	16	104	76	67	4	12	12	19	6
AC-1416-3	M14×1.5	16	104	76	67	4	12	12	19	6
AC-1425-1	M14×1.5	25	147	110	100	4	12	12	19	6
AC-1425-2	M14×1.5	25	147	110	100	4	12	12	19	6
AC-1425-3	M14×1.5	25	147	110	100	4	12	12	19	6
AC-2020-1	M20×1.5	20	145.8	110	101	6	15.8	18	26	8
AC-2020-2	M20×1.5	20	145.8	110	101	6	15.8	18	26	8
AC-2020-3	M20×1.5	20	145.8	110	101	6	15.8	18	26	8
AC-2030-1	M20×1.5	30	155.8	110	101	6	15.8	18	26	8
AC-2030-2	M20×1.5	30	155.8	110	101	6	15.8	18	26	8
AC-2030-3	M20×1.5	30	155.8	110	101	6	15.8	18	26	8
AC-2050-1	M20×1.5	50	232.8	167	158	6	15.8	18	26	8
AC-2050-2	M20×1.5	50	232.8	167	158	6	15.8	18	26	8
AC-2050-3	M20×1.5	50	232.8	167	158	6	15.8	18	26	8

Shock
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Features

AC25XX, AC3660

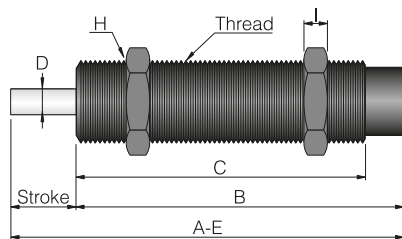
1. Automatic compensation structure satisfy the energy absorption requirements under different conditions.
2. About 1-2mm of stroke end has strong buffer area. It prevents from directly touching the bottom and damaging the product.
3. Combination of special-purpose sealing device and special hydraulic oil enhances the buffering performance and service life.
4. Full thread of outer pressure cylinder is flexible for installation and adjustment.

Specifications

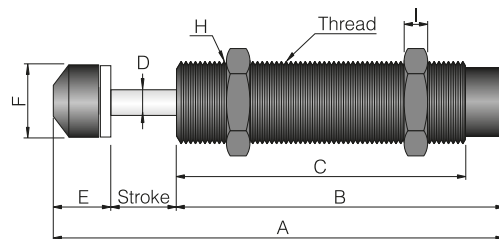
Model	Stroke (mm)	Max. absorbing energy per cycle E(Nm)	Max. absorb. energy hour Ec(Nm/hr)	Max. effective mass (kg)	Max. impact speed (m/s)	Operating temperature (°C)
AC-2525-1	25	80	60,000	200	4.0	-10~+85
AC-2525-2	25	80	60,000	600	2.5	-10~+85
AC-2525-3	25	80	60,000	1,000	1.0	-10~+85
AC-2540-1	40	120	84,000	300	4.0	-10~+85
AC-2540-2	40	120	84,000	800	2.5	-10~+85
AC-2540-3	40	120	84,000	1,200	1.0	-10~+85
AC-2550-1	50	98	98,000	15	4.0	-10~+85
AC-2550-2	50	98	98,000	40	2.5	-10~+85
AC-2550-3	50	98	98,000	160	1.0	-10~+85
AC-2580-1	80	150	127,500	20	4.0	-10~+85
AC-2580-2	80	150	127,500	50	2.5	-10~+85
AC-2580-3	80	150	127,500	200	1.0	-10~+85
AC-3660-1	60	250	125,000	400	4.0	-10~+85
AC-3660-2	60	250	125,000	1,500	2.5	-10~+85
AC-3660-3	60	250	125,000	2,400	1.0	-10~+85

Dimensions

AC2525

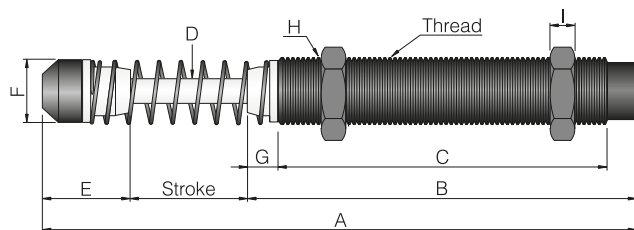


Without cap

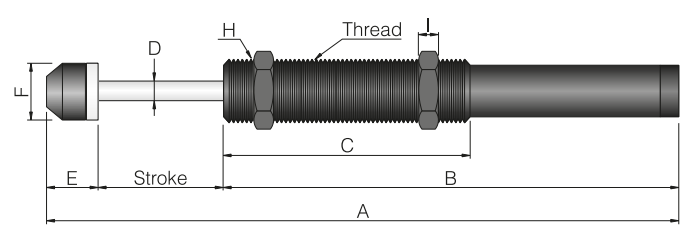


With cap

AC2540/AC3660



AC2550\AC2580



Model	Thread	Stroke (mm)	A	B	C	D	E	F	G	H	I
AC-2525-1	M25×1.5	25	154.5	101	111	8	18.5	22	-	32	10
AC-2525-2	M25×1.5	25	154.5	101	111	8	18.5	22	-	32	10
AC-2525-3	M25×1.5	25	154.5	101	111	8	18.5	22	-	32	10
AC-2540-1	M25×1.5	40	214	117	137	8	37	22	10	32	10
AC-2540-2	M25×1.5	40	214	117	137	8	37	22	10	32	10
AC-2540-3	M25×1.5	40	214	117	137	8	37	22	10	32	10
AC-3660-1	M36×1.5	60	247	134	162	10	25	35	17	46	15
AC-3660-2	M36×1.5	60	247	134	162	10	25	35	17	46	15
AC-3660-3	M36×1.5	60	247	134	162	10	25	35	17	46	15
AC-2550-1	M25×1.5	50	239	100	170.5	8	18.5	22	-	32	10
AC-2550-2	M25×1.5	50	239	100	170.5	8	18.5	22	-	32	10
AC-2550-3	M25×1.5	50	239	100	170.5	8	18.5	22	-	32	10
AC-2580-1	M25×1.5	80	335.5	100	237	8	18.5	22	-	32	10
AC-2580-2	M25×1.5	80	335.5	100	237	8	18.5	22	-	32	10
AC-2580-3	M25×1.5	80	335.5	100	237	8	18.5	22	-	32	10