

Shock absorbers AC/FC series

How to order

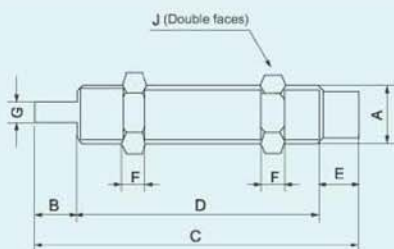
AC	14	16	1	N
Series code	Por size	Stroke	Shock speed	Absorber cap
AC: auto-compesate			1: high	Nil: with
FC: adjustable			2: midst	N: without
			3: low	

Specification

Model	AC0806	AC1005	AC1008	AC1210	AC1412	AC1416	AC2020	AC2050	AC2525	AC2540	AC3660
Stroke	6	5	8	10	12	16	20	50	25	40	60
Max. absorbed energy/Cyle(Nm)	2	3	4	5	15	20	40	60	80	120	250
Min. absorbed energy/Cyle(Nm)	1200	3600	5000	10000	30000	35000	40000	60000	70000	75000	120000
Max. effective weight(Kg)	1	0.5	1	2	5	8	10	30	60	200	400
	2	2	3	4	10	50	70	200	400	800	1200
	3	6	7	9	30	100	150	700	1200	1500	2000
Max. shock speed(m/s)	1	2	3	3	2	3	3.5	3.5	4	4	4
	2	1	1.5	1.5	1.5	1.5	2	2	2.5	2.5	2.5
	3	0.5	0.8	0.8	0.8	0.8	1	1	1	1	1
Weight (Kg)	11	14	20	31.5	80	90	215	300	330	430	1030
Ambient & fluid temperature	-10~80 °C										

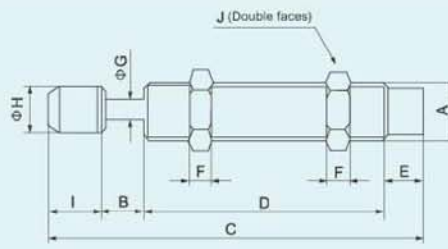
Model	FC1410	FC2016	FC2525	FC2540	FC3650	FC4225	FC4250	FC4275	FC6450	FC64100	FC64150
Stroke	10	16	25	40	50	25	50	75	50	100	150
Max. absorbed energy/Cyle(Nm)	20	25	85	100	300	260	500	750	12000	24000	36000
Min. absorbed energy/Cyle(Nm)	25000	30000	70000	80000	100000	125000	150000	180000	1500000	2000000	2500000
Max. effective weight(Kg)	1	80	200	400	700	1400	3000	4000	6000	12727	18181
	2	80	200	400	700	1400	3000	4000	6000	12727	18181
	3	80	200	400	700	1400	3000	4000	6000	12727	18181
Max. shock speed(m/s)	1	3	3.5	3.5	3.5	3	3.5	4.5	4.5	1.5	1.5
	2	3	3.5	3.5	3.5	3	3.5	4.5	4.5	1.5	1.5
	3	3	3.5	3.5	3.5	3	3.5	4.5	4.5	1.5	1.5
Weight(Kg)	90	230	350	455	1100	1280	1495	1710	4115	5280	6785
Ambient & fluid temperature	-10~80 °C										

Dimension



Without absorber cap

Model	A	B	C	D	E	F	G	J
AC0806	M8x1.0	6	44	33	5	3	2.8	11
AC1005	M10x1.0	5	32.7	22.9	4.8	3	3	12.7
AC1008	M10x1.0	8	51	38	5	3	3	12.7
AC1210	M12x1.0	10	60	45.5	4.5	4	3	14
AC1412	M14x1.0	12	88	67	9	6	4	19
AC1416	M14x1.0	16	111	86	9	6	4	19



With absorber cap

Model	A	B	C	D	E	F	G	H	I	J
AC0806	M8x1.0	6	52.4	33	5	3	2.8	6.6	8.4	11
AC1005	M10x1.0	5	41.2	22.9	4.8	3	3	8.6	8.5	12.7
AC1008	M10x1.0	8	59.5	38	5	3	3	8.6	8.5	12.7
AC1210	M12x1.0	10	69.5	45.5	4.5	4	3	10.3	9.5	14
AC1412	M14x1.0	12	102.5	67	9	6	4	12	14.5	19
AC1416	M14x1.0	16	125.5	125.5	9	6	4	12	14.5	19
AC2020	M20x1.5	20	146.5	146.5	9	8	6	18	16.5	26
AC2050	M20x1.5	50	233.5	158	9	8	6	18	16.5	26
AC2525	M25x1.5	25	154.5	101	10	10	8	22	18.3	32
AC2540	M25x1.5	40	208.3	127	10	10	8	22	31.3	32
AC3660	M36x1.5	60	243	134	11	15	10	35	21	46

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Dimension

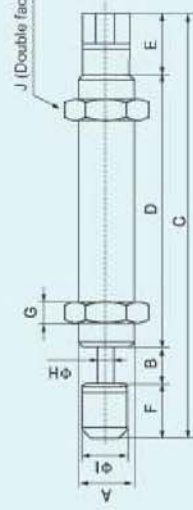


Fig. 1

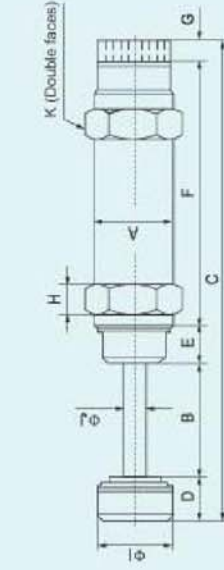


Fig. 2

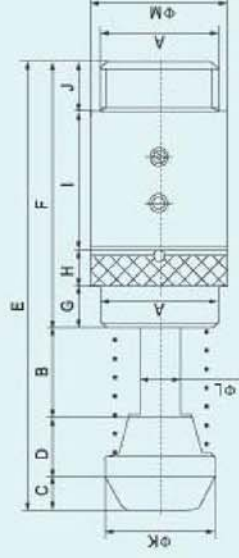


Fig. 3

Fig. 1

Type	A	B	C	D	E	F	G	H	I	J
FC1410	M14x1.5	10	113.5	73	16	14.5	6	4	12	19
FC2016	M20x1.5	16	149.5	101	16	16.5	8	6	18	26
FC2525	M25x1.5	25	161.8	101	17.5	18.3	10	8	22	32
FC2540	M25x1.5	40	215.8	127	17.5	31.3	10	8	22	32

Fig. 2

Type	A	B	C	D	E	F	G	H	I	J	K
FC3650	M36x1.5	50	242	21	17	146	8	15	35	10	46
FC4225	M42x1.5	25	186.5	34	26	104.5	5	15	44.5	12	50
FC4250	M42x1.5	50	241	34	26	134	5	15	44.5	12	50
FC4275	M42x1.5	75	301.5	39	26	164	5	15	44.5	12	50

Fig. 3

Type	A	B	C	D	E	F	G	H	I	J	K	L
FC6450	2 _{1/2} UNF(63.5)	50	18.8	33	247.8	146	23	20	77	26	59	20
FC64100	2 _{1/2} UNF(63.5)	100	18.8	33	347.8	196	23	20	127	26	59	20
FC6415	2 _{1/2} UNF(63.5)	150	18.8	43	467.8	256	23	20	187	26	59	20