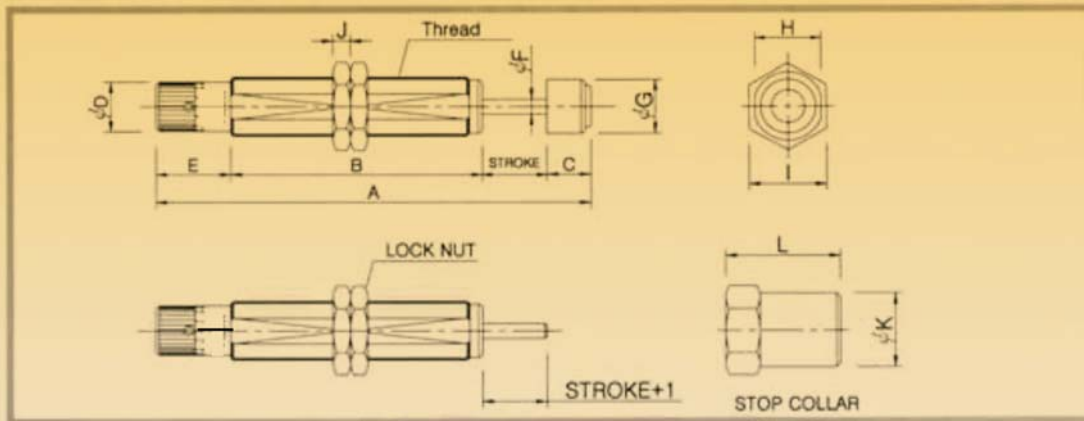


TANAIR

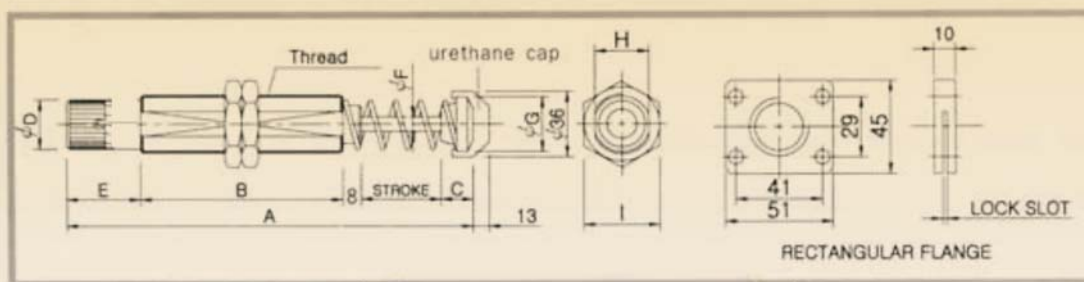
EMA Series

Engineering Data

MODEL	STROKE (mm)s	Max Energy/cycle (Nm) Er	Max Energy/Hour (Nm) ErC	Effective Weight (kg) We	Return coil Spring		Weight (g)
					Extension (N)	Compression (N)	
EMA 14-15	15	7	25450	1.2-56	3.8	10.8	63
EMA 20-20	20	20	5330	3.3-250	14	27	128
EMA 25-25	25	78	7450	13-1273	16.5	31.6	320
EMA 27-25							
EMA 36-25	25	128	93200	20-1800	42	60	620
EMA -50	50	256	113700	42-2700	24	60	960



EMA 14,20,25,27 Series



EMA 36 Series

Dimensions

UNIT:mm

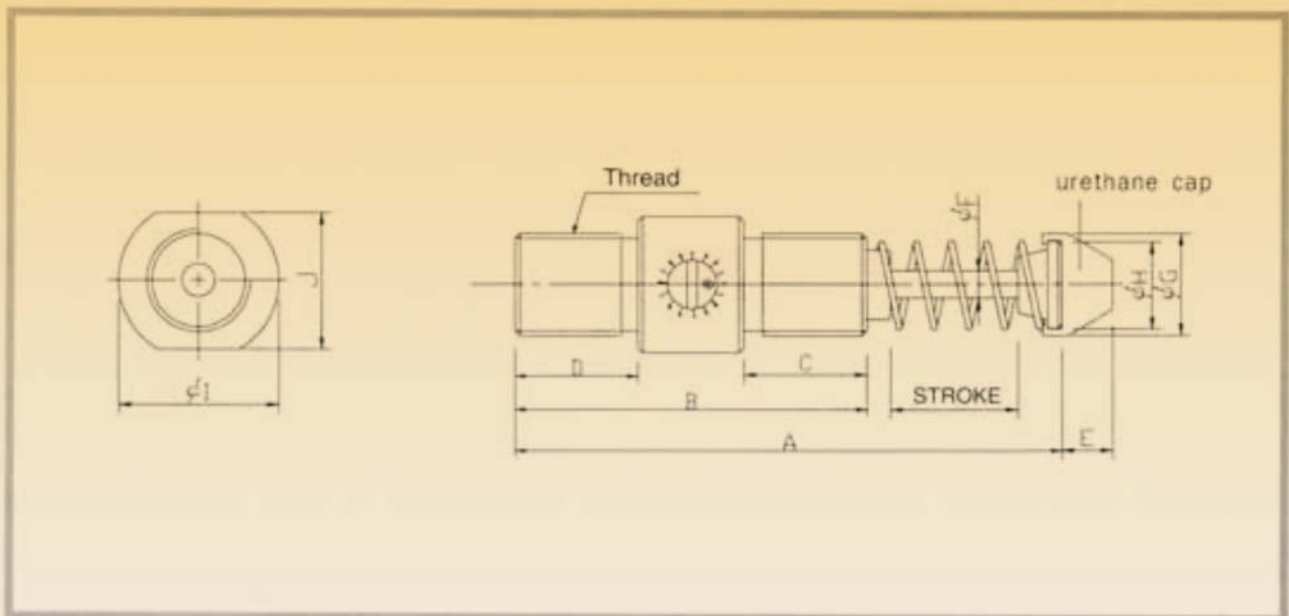
MODEL	THREAD	STROKE	A	B	C	D	E	F	G	H	I	J	K	L
EMA 14-15	M14x1.5	15	105	61	11	12.2	18	4	12	12	19	6	18	27
EMA 20-20	M20x1.5	20	123	69	14	18	20	5	18	18	25	8	24	36
EMA 25-25	M25x1.5	25	137	77	15	23	20	8	23	23	32	9	30	42
EMA 27-25	M25x3.0									25				
EMA 36-25	M6x1.5	25	159	88	15	28	23	10	30	34	46	10	45	62
EMA -50		50	209	103										

TANAIR

EMA 42,64 Series

Engineering Data

MODEL	STROKE (mm)s	Energy/cycle (Nm) Er	Max Energy/Hour (Nm) ErC	Effective Weight(kg) We		Return coil Spring		Weight (g)
				Standard Type	Low Damping Type	Extension (N)	Compression (N)	
EMA 42-25	25	250	125000	36-3600	3000-105000	55	85	1.0
-50	50	500	166000	45-6150	5900-170000	40	85	1.2
175	75	750	200000	54-9500	6200-190000	40	90	1.3
EMA 64-50	50	1300	270000	82-12600	10000-440000	75	160	3.5
-100	100	2600	360000	115-17000	14000-440000	75	165	4.2
-150	150	3900	420000	140-22000	19000-440000	90	280	5.3



Dimensions

UNIT:mm

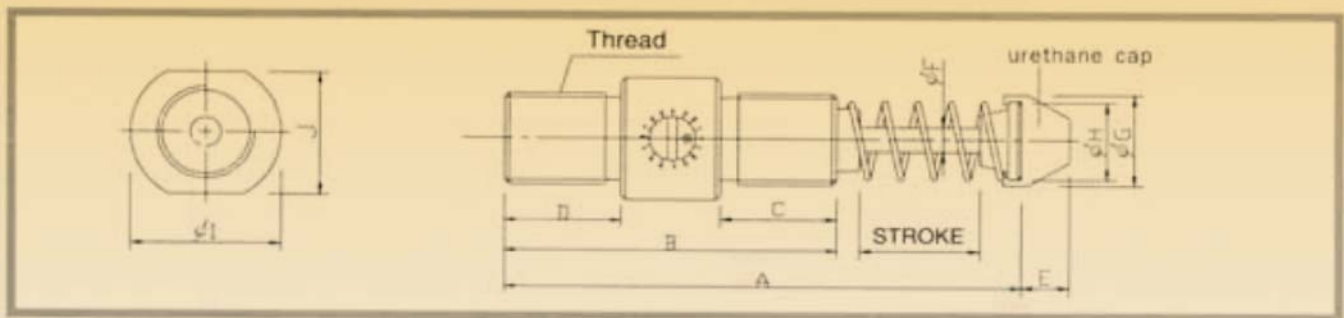
MODEL	THREAD	STROKE	A	B	C	D	E	F	G	H	I	J
EMA 42-25	M42X1.5	25	143	95	28	27	17	14	40	36	54	50
-50		50	193	120	40	40						
-75		75	243	145	52	53						
EMA 64-50	M64X2.0	50	224	140	50	50	17	20	60	52	74	70
-100		100	324	190	75	75						
-150		150	456	240	100	100						

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EMA 85,115 Series

Engineering Data

MODEL	STROKE (mm)s	Energy/cycle (Nm) Er	Max Energy/Hour (Nm) ErC	Effective Weight(kg) We		Return coil Spring		Weight (g)
				Standard Type	Low Damping Type	Extension (N)	Compression (N)	
EMA 85-50	50	2300	370000	200-37000	35000-500000	110	215	6.1
-90	90	4000	650000	230-40000	35000-500000	110	215	7.3
-125	125	5700	930000	300-43000	41000-500000	90	215	11
-165	165	7300	1210000	360-45000	43000-500000	130	350	13.8
EMA 115-50	50	3700	1501000	370-44000	-	180	280	16
-100	100	7400	1805000	370-57000	-	160	280	19
-150	150	11100	2100000	370-89000	-	150	290	21
-200	200	14800	2405000	390-118000	-	130	290	31
-250	250	18500	2710000	400-145000	-	120	300	34



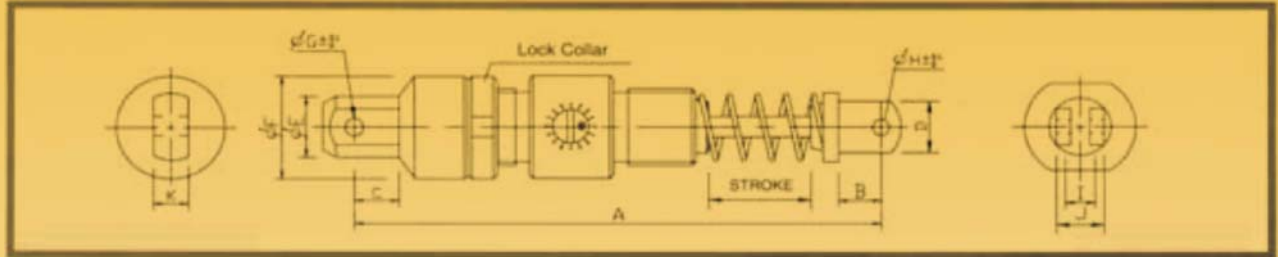
Dimensions

UNIT:mm

MODEL	THREAD	STROKE	A	B	C	D	E	F	G	H	I	J
EMA 85-50	M85X2.0	50	244	140	48	42	20	25	80	72	94	90
-90		90	324	180	70	60						
-125		125	400	216	84	82						
-165		165	494	256	100	106						
EMA 115-50	M6115X2.0	50	316	200	75	75	20	25	102	88	124	120
-100		100	416	256	100	100						
-150		150	516	300	125	125						
-200		200	616	350	160	150						
-250		250	746	400	170	180						

TANAIR

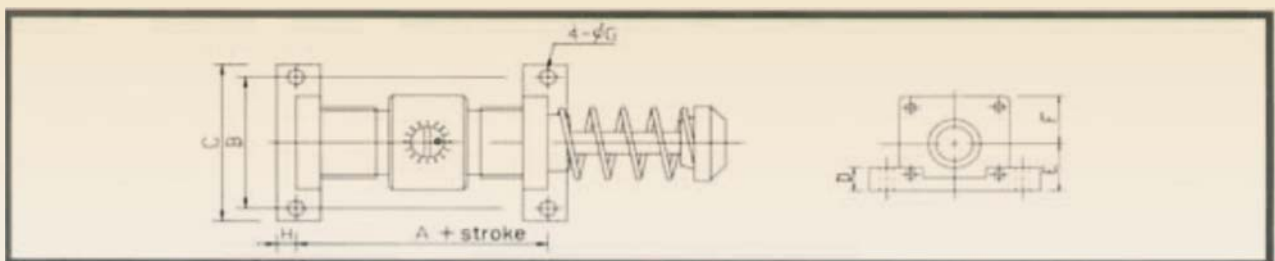
EMA Mount Series



Dimensions

UNIT:mm

MODEL	STROKE	A	B	C	D	E	F	G	H	I	J	K
EMA 42-25	25	198	26	22	24	24	50	13	10	12	24	19
-50	50	248										
-75	75	298										
EMA 64-50	60	305	36	27	38	38	74	19	19	16	38	32
-100	100	410										
-150	150	535										
EMA 85-50	50	325	36	27	38	38	98	19	19	16	38	32
-90	90	405										
-125	125	480										
-165	165	575										
EMA 115-50	50	430	50	44	56	56	124	26	26	38	57	38
-100	100	535										
-150	150	635										
-200	200	760										
-250	250	865										



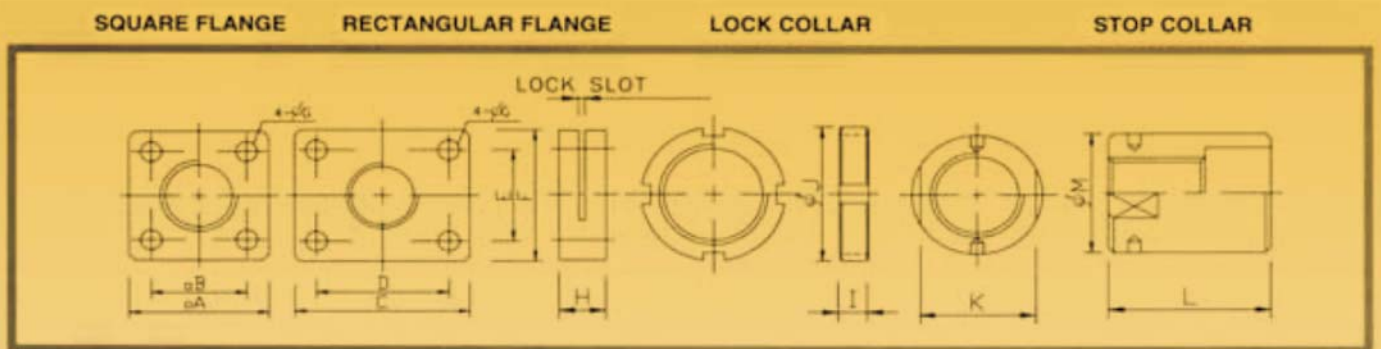
Dimensions

UNIT:mm

MODEL	A	B	C	D	E	F	G	H	BOLT SIZE
EMA 42	60	76	96	13	30	30	6.6	13	8
EMA 64	74	124	146	16	45	45	10.6	15	10
EMA 85	80	140	166	22	52	52	14.5	17	14
EMA 115	190	165	206	38	80	70	16.5	22	16

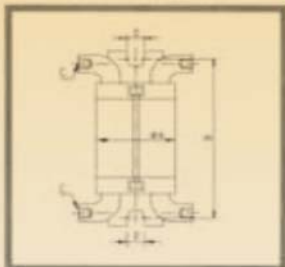
TANAIR

EMA Flange Series

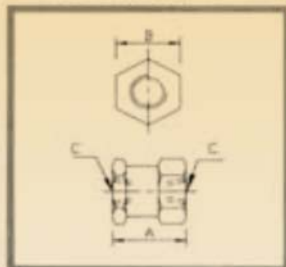


MODEL	SQUARE FLANGE (SF)		RECTANGULAR FLANGE (RF)							BOLT SIZE	LOCK COLLAR (LG)		STOP COLLAR (SC)		
	A	B	G	C	D	E	F	G	H		I	J	K	L	M
EMA 42	60	41	8.6	76	60	41	60	6.6	13	8	10	56	52	60	56
EMA 64	90	70	10.6	-	-	70	90	10.6	15	10	13	75	70	130	75
EMA 85	104	76	12.6	130	102	76	104	14.5	17	14	16	98	95	145	98
EMA 115	140	111	16.5	-	-	111	140	16.5	22	16	22	128	125	155	128

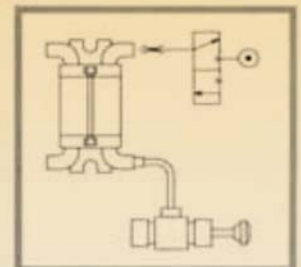
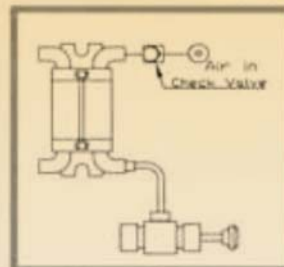
Air/Oil Tank



CHECK VALVE



APPLICATION



Air/oil TANK				
MODEL	A	B	C	D
KHO 20	0.2	40	140	PT1/4 9
KHO 380	0.4	88	196	PT3/8 11
KHO 2500	2.6	135	380	PT3/4 17

Check Valve			
MODEL	A	B	C
KC1/4	35	24	PT1/4
KC3/8	35	24	PT3/8
KC1/2	40	40	PT1/4
KC3/4	60	48	PT3/4

