

Non-Adjustable Shock Absorbers - MC Series

Type	Stroke [mm]	Effective Mass m_e [kg]		Max Energy Absorption [Nm]		Thread Size	Order code
		Min.	Max.	per stroke W_3	per hour W_4		
MC9M1-B	5	0,6	3,2	1	2000	M6 x 0,5	MC9M1-B
MC9M2-B	5	0,8	4,1	1	2000	M6 x 0,5	MC9M2-B
MC10ML-B	5	0,3	2,7	0,5	4000	M8 x 1	MC10ML-B
MC10MH-B	5	0,7	5,0	0,5	4000	M8 x 1	MC10MH-B
MC25ML	6,6	0,7	2,2	2,8	22500	M10 x 1	MC25ML
MC25M	6,6	1,8	5,4	2,8	22500	M10 x 1	MC25M
MC25MH	6,6	4,6	13,6	2,8	22500	M10 x 1	MC25MH
MC75M-1	10	0,3	1,1	9	28200	M12 x 1	MC75M-1
MC75M-2	10	0,9	4,8	9	28200	M12 x 1	MC75M-2
MC75M-3	10	2,7	36,2	9	28200	M12 x 1	MC75M-3
MC150M	12,5	0,9	10	17	34000	M14 x 1,5	MC150M
MC150MH	12,5	8,6	86	17	34000	M14 x 1,5	MC150MH
MC150MH2	12,5	70	200	17	34000	M14 x 1,5	MC150MH2
MC225M	12,5	2,3	25	25	45000	M20 x 1,5	MC225M
MC225MH	12,5	23	230	25	45000	M20 x 1,5	MC225MH
MC225MH2	12,5	180	910	25	45000	M20 x 1,5	MC225MH2
MC600M	25,4	9	136	68	68000	M25 x 1,5	MC600M
MC600MH	25,4	113	1130	68	68000	M25 x 1,5	MC600MH
MC600MH2	25,4	400	2300	68	68000	M25 x 1,5	MC600MH2
MC3325M-1	25	9	40	155	75000	M33 x 1,5	MC3325M-1
MC3325M-2	25	30	120	155	75000	M33 x 1,5	MC3325M-2
MC3325M-3	25	100	420	155	75000	M33 x 1,5	MC3325M-3
MC3350M-1	50	18	70	310	85000	M33 x 1,5	MC3350M-1
MC3350M-2	50	60	250	310	85000	M33 x 1,5	MC3350M-2
MC3350M-3	50	210	840	310	85000	M33 x 1,5	MC3350M-3
MC4525M-1	25	20	90	340	107000	M45 x 1,5	MC4525M-1
MC4525M-2	25	80	310	340	107000	M45 x 1,5	MC4525M-2
MC4525M-3	25	260	1050	340	107000	M45 x 1,5	MC4525M-3
MC4550M-1	50	45	180	680	112000	M45 x 1,5	MC4550M-1
MC4550M-2	50	150	620	680	112000	M45 x 1,5	MC4550M-2
MC4550M-3	50	520	2090	680	112000	M45 x 1,5	MC4550M-3
MC4575M-1	75	70	270	1020	146000	M45 x 1,5	MC4575M-1
MC4575M-2	75	230	930	1020	146000	M45 x 1,5	MC4575M-2
MC4575M-3	75	790	3140	1020	146000	M45 x 1,5	MC4575M-3
MC6450M-1	50	140	540	1700	146000	M64 x 2	MC6450M-1
MC6450M-2	50	460	1850	1700	146000	M64 x 2	MC6450M-2
MC6450M-3	50	1600	6300	1700	146000	M64 x 2	MC6450M-3
MC64100M-1	100	270	1100	3400	192000	M64 x 2	MC64100M-1
MC64100M-2	100	930	3700	3400	192000	M64 x 2	MC64100M-2
MC64100M-3	100	3150	12600	3400	192000	M64 x 2	MC64100M-3
MC64150M-1	150	410	1640	5100	248000	M64 x 2	MC64150M-1
MC64150M-2	150	1390	5600	5100	248000	M64 x 2	MC64150M-2
MC64150M-3	150	4700	18800	5100	248000	M64 x 2	MC64150M-3



Non Adjustable Shock Absorbers - SC Series

Type	Stroke [mm]	Effective Mass m_e [kg]				Max Energy Absorption [Nm]		Thread Size	Order code
		Soft contact		Self compensating		per stroke W_3	per hour W_4		
		Min.	Max.	Min.	Max.				
SC925M-1	40	22	72	14	90	110	90000	M25 x 1,5	SC925M-1
SC925M-2	40	59	208	40	272	110	90000	M25 x 1,5	SC925M-2
SC925M-3	40	181	612	113	726	110	90000	M25 x 1,5	SC925M-3



Adjustable Shock Absorbers - SA Series

Type	Stroke [mm]	Effective Mass m_e [kg]		Max Energy Absorption [Nm]		Thread Size	Order code
		Min.	Max.	per stroke W_3	per hour W_4		
SA 1/4 x 1/2N	12,7	1,0	190	20	35000	M20x1,5	7720FIL
SA 3/8 x 1D	25,4	4,5	546	70	68000	M25x1,5 ²⁾	7840FIL
SALD 1/2 x 1M	25,4	4,5	1360	170	85000	M36x1,5	7841FIL
SALD 1/2 x 2M	50,8	9,5	2720	340	98000	M36x1,5	7842FIL
SA 1/2 x 1	25,4	4,5	1225	153	84700	M33x1,5	7970FIL
SA 1/2 x 2	50,8	9,5	2450	305	98300	M33x1,5	7975FIL
SA 3/4 x 1	25,4	9	8163	339	124300	M42x1,5	7980FIL
SA 3/4 x 2	50,8	16	14500	678	146800	M42x1,5	7985FIL
SA 3/4 x 3	76	23	20866	1017	180776	M42x1,5	7986FIL
SA 1 1/8 x 2	50,8	54	22680	1808	169478	M64x2,0	7990FIL
SA 1 1/8 x 4	102	73	45360	3616	225970	M64x2,0	7995FIL
SA 1 1/8 x 6	152	91	68040	5423	282463	M64x2,0	7996FIL
SA-A 3/4 x 1	25,4	27	3600	290	184000 ³⁾	M42x1,5	7887FIL
SA-A 3/4 x 2	50,8	43	6350	600	230000 ³⁾	M42x1,5	7888FIL
SA-A 3/4 x 3	76	55	9500	890	276000 ³⁾	M42x1,5	7889FIL
SA-A 1 1/8 x 2	50,8	72	13000	1380	345000 ³⁾	M64x2,0	7880FIL
SA-A 1 1/8 x 4	102	118	18200	2700	460000 ³⁾	M64x2,0	7885FIL
SA-A 1 1/8 x 6	152	200	32000	4150	575000 ³⁾	M64x2,0	7886FIL

²⁾ Option: M27 x 3 thread ³⁾ Operation with external air-oil tank

Further shock absorbers sizes (1 1/2", 2", 2 1/4", 3", 4") in various stroke lengths are also available on request.



For further technical data and accessories information regarding the SA-series please refer to shock absorber catalogue P-A4P018GB, for MC-SC- series please refer to catalogue PDE2524TCUK or contact your local Parker sales company.



Air Motors