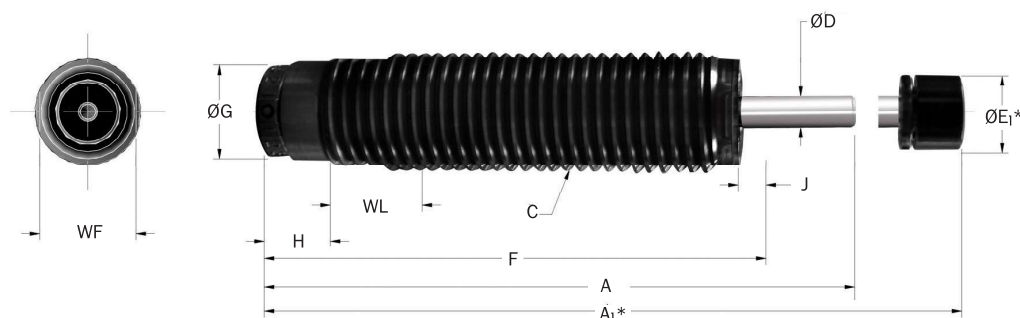


Standard

ECO 8 → ECO 100 Series



*Note: A₁ and E₁ apply to button models and urethane striker cap accessory. One Hex Jam Nut included with every shock absorber.

Catalog No./Model	(S) Stroke in. (mm)	(E _T) Max. in.-lbs./cycle (Nm/cycle)	(E _T E) Emergency Max. in.-lbs./cycle (Nm/cycle)	(E _T C) Max. in.-lbs./hour (Nm/h)	(F _p) Max. Reaction Force lbs. (N)	Nominal Coil Spring Force		(F _D) Max. Propelling Force lbs. (N)	Model Weight oz. (g)
						Extended lbs. (N)	Compressed lbs. (N)		
ECO 8 (B)	0.25 (6,4)	35 (4,0)	—	55,000 (6 215)	200 (890)	0.6 (2,7)	1.2 (5,6)	45 (200)	.5 (16)
ECO 10 (B)	0.28 (7,0)	62 (7,0)	—	120,700 (13 640)	360 (1 600)	0.5 (2,2)	1.0 (4,5)	80 (350)	1.0 (28)
ECO 15 (B)	0.41 (10,4)	106 (12,0)	220 (25)	275,000 (31 020)	450 (2 000)	0.7 (3,0)	1.6 (7,0)	50 (220)	2.0 (56)
ECO S 25 (B)	0.50 (12,7)	212 (24,0)	390 (44)	331,000 (37 400)	625 (2 800)	1.0 (4,5)	2.5 (11,0)	200 (890)	2.4 (68)
ECO 25 (B)	0.63 (16,0)	265 (30,0)	500 (56)	389,000 (44 000)	625 (2 800)	1.0 (4,5)	2.5 (11,0)	200 (890)	2.4 (68)
ECO S 50 (B)	0.50 (12,7)	285 (32,0)	560 (63)	440,000 (49 720)	850 (3 750)	1.5 (6,0)	3.5 (15,0)	360 (1 600)	3.0 (69)
ECO 50 (B)	0.88 (22,0)	550 (62,0)	975 (110)	523,000 (59 070)	850 (3 750)	2.0 (8,9)	6.8 (30,0)	360 (1 600)	4.8 (136)
ECO 100 (B)	1.00 (25,0)	930 (105,0)	2210 (250)	681,500 (77 000)	1,250 (5 500)	3.0 (13,0)	6.0 (27,0)	500 (2 200)	10.5 (297)

*Notes: Maximum energy rating for emergency use only. Estimated cycle life of 1-5 cycles if used at maximum emergency rating.

Catalog No./Model	Damping Constant	A in. (mm)	A ₁ in. (mm)	C in. (mm)	D in. (mm)	E ₁ in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	J in. (mm)	WF in. (mm)	WL in. (mm)
ECO 8 IF (B)	-1,-2,-3	1.86 (47,0)	2.25 (57,0)	3/8 - 32 UNEF M8 x 0,75	.10 (2,5)	0.27 (6,8)	1.61 (40,9)	.26 (6,6)	.18 (4,6)	.10 (2,5)	—	—
ECO 8 MF (B)	-1,-2,-3	—	—	M8 x 1,0	—	—	—	—	—	—	—	—
ECO 8 MC (B)	-1,-2,-3	—	—	M8 x 1,0	—	—	—	—	—	—	—	—
ECO 10 IF (B)	-1,-2,-3	2.12 (54,0)	2.51 (64,0)	1/8 - 28 UNEF M10 x 1,0	.12 (3,0)	0.34 (8,6)	1.83 (46,5)	.34 (8,6)	.18 (4,6)	.13 (3,3)	—	—
ECO 10 MF (B)	-1,-2,-3	—	—	M10 x 1,0	—	—	—	—	—	—	—	—
ECO 15 IF (B)	-1,-2,-3,-4	2.45 (62,2)	2.85 (72,4)	1/8 - 28 UNEF M12 x 1,0	.12 (3,0)	.40 (10,2)	2.10 (52,1)	.39 (9,9)	.27 (6,9)	.10 (2,5)	.39 (11,0)	.38 (9,5)
ECO 15 MF (B)	-1,-2,-3,-4	—	—	M12 x 1,0	—	—	—	—	—	—	—	—
ECO 15 IC (B)	-1,-2,-3,-4	—	—	1/2 - 20 UNEF M14 x 1,5	—	—	—	—	—	—	—	—
ECO S 25 MF (B)	-1,-2,-3	3.25 (82,7)	3.63 (92,2)	M14 x 1,0	.16 (4,0)	0.44 (11,2)	2.74 (69,5)	.43 (10,9)	.20 (5,1)	.04 (1,0)	(12,0)	.50 (12,7)
ECO S 25 IC (B)	-1,-2,-3	—	—	1/8 - 18 UNF M14 x 1,5	—	—	—	—	—	—	.50 (12,0)	(12,0)
ECO S 25 MC (B)	-1,-2,-3	—	—	M14 x 1,5	—	—	—	—	—	—	—	—
ECO 25 IF (B)	-1,-2,-3,-4	3.84 (97,5)	4.22 (107,2)	1/2 - 20 UNF M14 x 1,0	.16 (4,0)	.44 (11,2)	3.20 (81,3)	.43 (10,9)	.30 (7,6)	.04 (1,0)	(12,0)	.50 (12,7)
ECO 25 MF (B)	-1,-2,-3,-4	—	—	M14 x 1,0	—	—	—	—	—	—	—	—
ECO 25 IC (B)	-1,-2,-3,-4	—	—	1/8 - 18 UNF M14 x 1,5	—	—	—	—	—	—	.50 (12,0)	(12,7)
ECO 25 MC (B)	-1,-2,-3,-4	—	—	M14 x 1,5	—	—	—	—	—	—	—	—
ECO S 50 IF (B)	-1,-2,-3	3.46 (87,9)	3.93 (99,9)	3/4 - 16 UNF M20 x 1,5	.19 (4,8)	0.50 (12,7)	2.93 (74,4)	.64 (16,3)	.30 (7,6)	.04 (1,0)	.68 (18,0)	.50 (12,7)
ECO S 50 MC (B)	-1,-2,-3	—	—	M20 x 1,5	—	—	—	—	—	—	—	—
ECO 50 IF (B)	-1,-2,-3,-4	4.66 (118,4)	5.13 (130,3)	3/4 - 16 UNF M20 x 1,5	.19 (4,8)	0.50 (12,7)	3.76 (95,5)	.64 (16,3)	.30 (7,6)	.04 (1,0)	.68 (18,0)	.50 (12,7)
ECO 50 MC (B)	-1,-2,-3,-4	—	—	M20 x 1,5	—	—	—	—	—	—	—	—
ECO 100 IF (B)	-1,-2,-3,-4	5.07 (128,8)	5.57 (141,5)	1-12 UNF M25 x 1,5	.25 (6,4)	0.62 (15,7)	4.04 (102,6)	.87 (22,0)	.50 (12,7)	.18 (4,6)	.88 (23,0)	.50 (12,7)
ECO 100 MF (B)	-1,-2,-3,-4	—	—	M25 x 1,5	—	—	—	—	—	—	—	—
ECO 100 MC (B)	-1,-2,-3,-4	—	—	M27 x 3,0	—	—	—	—	—	—	—	—

Notes: 1. See page 54 for constant damping curves.