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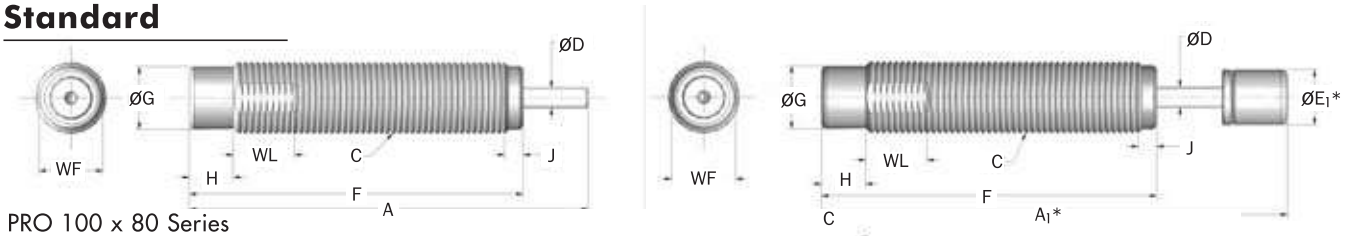
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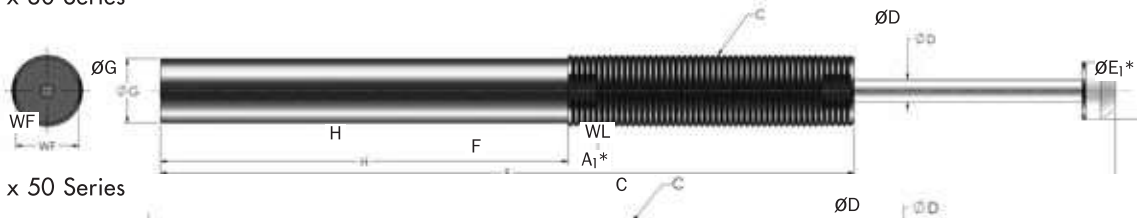
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PRO 15 → PRO 100 Series

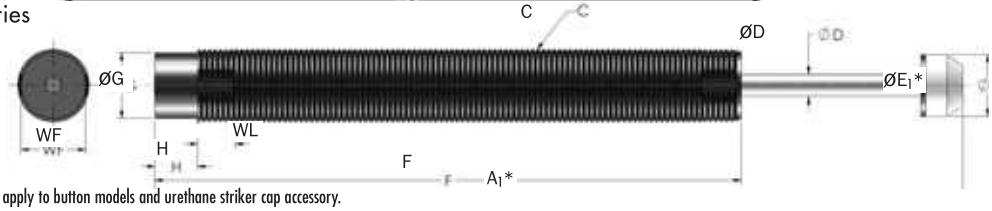
Standard



PRO 100 x 80 Series



PRO 100 x 50 Series



*Note: A_1 and E_1 apply to button models and urethane striker cap accessory.

Catalog No./ Model	(S) Stroke in. (mm)	(E_T) Max. in.-lbs./cycle (Nm/cycle)	(E_TC) Max. in.-lbs./hour (Nm/h)	(F_P) Max. Shock Force lbs. (N)	(F_D) Max. Extended lbs.) (N)	Nominal Coil Spring Force		Weight (mass) oz. (g)
						Compressed lbs. (N)	Propelling Force lbs. (N)	
PRO 15 IF (B) PRO 15 MF (B) PRO 15 IC (B)	0.41 (10,4)	90 (10,0)	250,000 (28 200)	450 (2 000)	0.7 (3,0)	1.6 (7,0)	50 (220)	2.0 (56)
PRO 25 IF (B) PRO 25 MF (B)	0.63 (16,0)	235 (26,0)	300,000 (34 000)	625 (2 800)	1.0 (4,5)	2.5 (11,0)	120 (530)	2.4 (68)
PRO 25 IC (B) PRO 25 MC (B)	0.63 (16,0)	235 (26,0)	300,000 (34 000)	625 (2 800)	1.0 (4,5)	2.5 (11,0)	120 (530)	2.4 (68)
PRO 50 IF (B) PRO 50 MC (B)	0.88 (22,0)	485 (54,0)	475,000 (53 700)	850 (3 750)	2.0 (8,9)	6.8 (30,0)	200 (890)	4.8 (136)
PRO 50 MC x 50	1.97 (50)	650 (74,0)	306,000 (34 600)	750 (3 336)	2.0 (8,9)	4.7 (21)	200 (890)	14 (390)
PRO 100 IF (B) PRO 100 MF (B) PRO 100 MC (B)	1.00 (25,0) (25,0)	800 (90,0) (90,0)	622,000 (70 000) (70 000)	1,250 (5 500) (5 500)	3.0 (13,9) (13,9)	6.0 (27,0) (27,0)	350 (1 550) (1 550)	10.5 (297) (297)
PRO 100 MC x 80	3.15 (80)	2,300 (260)	761,000 (86 000)	1,500 (6 672)	4.5 (20)	10.8 (48)	350 (1 550)	20 (570)

Catalog No./ Model	Damping Constant	A (mm)	A_1 (mm)	C (mm)	D (mm)	E_1 (mm)	F (mm)	G (mm)	H (mm)	J (mm)	WF (mm)	WL (mm)
PRO 15 IF (B)	-1,-2,-3	2.45	2.85	7/16 - 28 UNEF	.12	.40	2.10	.39	.27	.10	.39	.38
PRO 15 MF (B)	-1,-2,-3	(62,2)	(72,4)	M12 x 1,0	(3,0)	(10,2)	(52,1)	(9,9)	(6,9)	(2,5)	(11,0)	(9,5)
PRO 15 IC (B)	-1,-2,-3	2.45	2.85	1/2 - 20 UNEF	.12	.40	2.10	.39	.27	.10	.39	.38
PRO 25 IF (B)	-1,-2,-3	3.84	4.22	1/2 - 20 UNF	.16	.44	3.20	.43	.30	.04	.44	.50
PRO 25 MF (B)	-1,-2,-3	(97,5)	(107,2)	M14 x 1,0	(4,0)	(11,2)	(81,3)	(10,9)	(7,6)	(1,0)	(12,0)	(12,7)
PRO 25 IC (B)	-1,-2,-3	3.84	4.22	9/16 - 18 UNF	.16	.44	3.20	.43	.30	.04	.50	.50
PRO 25 MC (B)	-1,-2,-3	(97,5)	(107,2)	M14 x 1,5	(4,0)	(11,2)	(81,3)	(10,9)	(7,6)	(1,0)	(12,0)	(12,7)
PRO 50 IF (B)	-1,-2,-3	4.66	5.13	3/4 - 16 UNF	.19	.50	3.76	.64	.30	.04	.68	.50
PRO 50 MC (B)	-1,-2,-3	(118,4)	(130,3)	M20 x 1,5	(4,8)	(12,7)	(95,5)	(16,3)	(7,6)	(1,0)	(18,0)	(12,7)
PRO 50 MC x 50	-1,-2,-3 -1,-2,-3	– –	8.86 (225)	M20 x 1,5	0.24 (6)	0.67 (17)	6.38 (162)	0.71 (18,0)	0.47 (12,0)	– –	0.71 (18,0)	0.39 (10,0)
PRO 100 IF (B)	-1,-2,-3	5.07	5.57	1-12 UNF	0.25	0.62	4.04	0.87	0.50	0.18	0.88	0.50
PRO 100 MF (B)	-1,-2,-3	(128,8)	(141,5)	M25 x 1,5	(6,4)	(15,7)	(102,6)	(22,2)	(12,7)	(4,6)	(23,0)	(12,7)
PRO 100 MC (B)	-1,-2,-3	(128,8)	(141,5)	M27 x 3,0	(6,4)	(15,7)	(102,6)	(22,0)	(12,7)	(4,6)	(23,0)	(12,7)
PRO 100 MC x 80	-1,-2,-3	– –	13.19 (335)	M25 x 2,0	0.31 (8)	0.79 (20)	9.53 (242)	0.89 (22,5)	5.63 (143)	– –	0.87 (22)	0.39 (10)

Notes: 1. See page 67 for constant damping curves. 2. (B) indicates button model of shock absorber.
3. Buttons cannot be added to non-button models or removed from button models.

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