

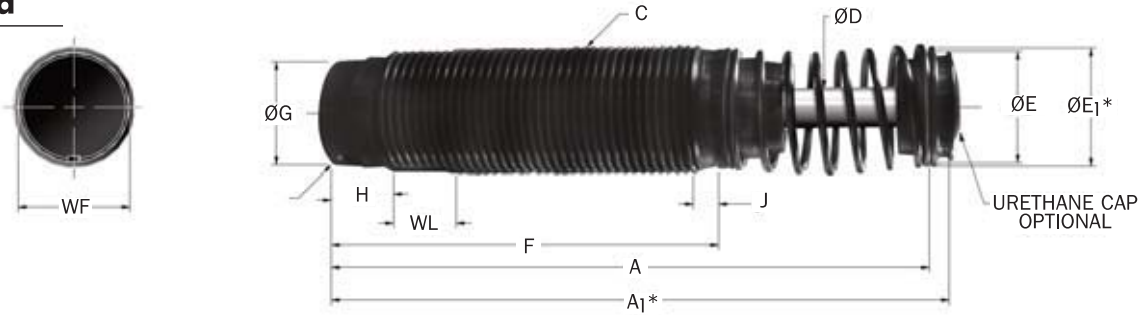
Adjustable Series Hydraulic Shock Absorbers

ECO OEM Small Bore Series

Technical Data

OEM 1.15 → (LR)OEM 1.25 Series

Standard



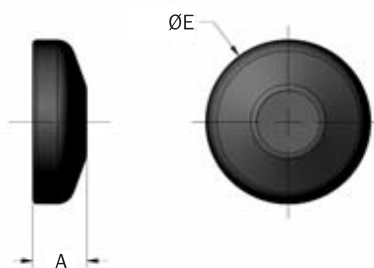
*Note: A₁ and E₁ apply to urethane striker cap accessory.

Catalog No./Model	(S) Stroke in. (mm)	Optimal Velocity Range in./sec. (m/s)	(E _T) 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)	Weight (mass) oz (g)
						Extended lbs. (N)	Compressed lbs. (N)		
△ ECO OEM 1.15 x 1	1.00	12-130	1,900	137,000	2,500	12.5	20.0	500	17
△ ECO OEM 1.15M x 1	(25,0)	(0,3-3,30)	(215,0)	(83 300)	(11 120)	(56,0)	(89,0)	(2 220)	(482)
△ ECO LROEM 1.15 x 1	1.00	3-80	1,900	237,000	2,500	12.5	20.0	750	17
△ ECO LROEM 1.15M x 1	(25,0)	(0,08-2,0)	(215,0)	(83 300)	(11 120)	(56,0)	(89,0)	(3 335)	(482)
△ ECO OEM 1.15 x 2	2.00	12-130	3,750	963,000	2,500	7.0	20.0	500	25
△ ECO OEM 1.15M x 2	(50,0)	(0,3-3,30)	(424,0)	(108 800)	(11 120)	(31,0)	(89,0)	(2 220)	(708)
△ ECO LROEM 1.15 x 2	2.00	3-80	3,750	963,000	2,500	7.0	20.0	750	25
△ ECO LROEM 1.15M x 2	(50,0)	(0,8-2,0)	(424,0)	(108 800)	(11 120)	(31,0)	(89,0)	(3 335)	(708)
△ ECO OEM 1.25 x 1	1.00	12-130	1,900	886,000	2,500	12.5	20.0	500	20
△ ECO OEM 1.25M x 1	(25,0)	(0,3-3,30)	(215,0)	(100 100)	(11 120)	(56,0)	(89,0)	(2 220)	(567)
△ ECO LROEM 1.25 x 1	1.00	3-80	1,900	886,000	2,500	12.5	20.0	750	20
△ ECO LROEM 1.25M x 1	(25,0)	(0,8-2,0)	(215,0)	(100 100)	(11 120)	(56,0)	(89,0)	(3 335)	(567)
△ ECO OEM 1.25 x 2	2.00	12-130	3,750	1,084,000	2,500	7.0	20.0	500	26
△ ECO OEM 1.25M x 2	(50,0)	(0,3-3,30)	(424,0)	(122 500)	(11 120)	(31,0)	(89,0)	(2 220)	(737)
△ ECO LROEM 1.25 x 2	2.00	3-80	3,750	1,084,000	2,500	7.0	20.0	750	26
△ ECO LROEM 1.25M x 2	(50,0)	(0,8-2,0)	(424,0)	(122 500)	(11 120)	(31,0)	(89,0)	(3 335)	(737)

Catalog No./Model	A in. (mm)	A ₁ in. (mm)	C in. (mm)	D in. (mm)	E 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 (LR)OEM 1.15 x 1	5.92	6.12	1 ¼ - 12 UNF	.38	1.13	1.20	3.81	1.10	.55	.21	1.12	.63
△ ECO (LR)OEM 1.15M x 1	(150,0)	(155,5)	(M33 x 1,5)	(9,5)	(29,0)	(30,5)	(97,0)	(28,0)	(14,0)	(5,3)	(30,0)	(16,0)
△ ECO (LR)OEM 1.15 x 2	8.54	8.74	1 ¼ - 12 UNF	.38	1.13	1.20	5.43	1.10	.55	.21	1.12	.63
△ ECO (LR)OEM 1.15M x 2	(217,0)	(222,0)	(M33 x 1,5)	(9,5)	(29,0)	(30,5)	(138,0)	(28,0)	(14,0)	(5,3)	(30,0)	(16,0)
△ ECO (LR)OEM 1.25 x 1	5.92	6.12	1 ¾ - 12 UNF	.38	1.13	1.20	3.81	1.10	.55	.21	1.25	.63
△ ECO (LR)OEM 1.25M x 1	(150,0)	(155,5)	(M36 x 1,5)	(9,5)	(29,0)	(30,5)	(97,0)	(28,0)	(14,0)	(5,3)	(33,0)	(16,0)
△ ECO (LR)OEM 1.25 x 2	8.54	8.74	1 ¾ - 12 UNF	.38	1.13	1.20	5.43	1.10	.55	.21	1.25	.63
△ ECO (LR)OEM 1.25M x 2	(217,0)	(222,0)	(M36 x 1,5)	(9,5)	(29,0)	(30,5)	(138,0)	(28,0)	(14,0)	(5,3)	(33,0)	(16,0)

- Notes: 1. All shock absorbers will function satisfactorily at 5% of their maximum rated energy per cycle. If less than 5%, a smaller model should be specified.
 2. For mounting accessories, see pages 25-26.
 3. Urethane striker caps are available as accessories for models OEM 1.15M x 1 to OEM 1.25M x 2.
 4. △ = Non-standard lead time items, contact ITT Enidine.

Urethane Striker Cap (USC)



Catalog No./Model	Part Number	Model (Ref)	A in. (mm)	E in. (mm)	Weight (mass) oz. (g)
UC 8609	C98609079	ECO (LR)OEM 1.15/1.25	.39 (10,0)	1.20 (30,5)	0.2 (6)